

Supply Chain Management Catalog
for the
Professional Joint Distribution
Community

Developed by the
DLA Training Center
(DTC)

July 2005

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July 2005 revision

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Introduction

This Supply Chain Management Catalog was developed by the DLA Training Center in collaboration with DLA and USTRANSCOM representatives to support the DPO Professional Joint Distribution Community initiative. This initiative seeks to develop a well educated and flexible Supply Chain Management workforce and includes supply, distribution, and transportation education and training for both military and civilian employees from entry level Wage Grade (WG)/General Schedule (GS) to Senior Executive Service (SES) level positions.

The catalog has been compiled from a variety of education and training venues and includes information on colleges and universities, military service schools and war colleges, commercial training vendors, professional organizations, non DOD Government training providers, and benchmarked industry training resources. The listed sources offer a variety of training opportunities from single courses to certificate and full degree programs.

The programs listed here provide a significant representative sample of available programs. Each collegiate level program meets one or more of the following qualitative parameters:

- U.S. News and World Report, America's Best Graduate Schools, 2004 Edition, Top 10 Supply Chain/Logistics Specialties (page 23)
- U.S. News and World Report, America's Best Colleges, 2004 Edition, Top 5 Supply Chain Management/Logistics Specialties (page 116)
- Force-Centric Logistics Enterprise acknowledgement (http://acc.dau.mil/simplify/ev.php?ID=10651_201&ID2=DO_TOPIC)
- Potential partner of USTRANSCOM (University of Missouri–St. Louis)
- Existing high quality partnership in another discipline (Harvard Business School)

The following trade and professional organizations were researched to identify training and education resources:

- [The American Society of Transportation and Logistics \(ASTL\)](#). For professionals certified in Transportation and Logistics certification status, a blanket waiver is granted to recent graduates of selected Supply Chain Management (SCM) programs. These currently include:

Air Force Institute of Technology
Auburn University
East Carolina University
Georgia Southern University
Indiana University/Indianapolis
Iowa State University
John Carroll University
Maine Maritime Academy
Michigan State University
North Carolina A&T State University
The Ohio State University

Pennsylvania State University
University of Alabama at Birmingham
University of Arkansas
University of Maryland/College Park
University of Nevada/Reno
University of North Florida
University of North Texas
University of Tennessee/Knoxville
University of Wisconsin/Superior
U. S. Merchant Marine Academy

- [Council for Supply Chain Management Professionals \(CSCMP\)](http://www.cscmp.org/Website/Education/EduListing.asp), formerly the Council of Logistics Management (CLM); a listing of CSCMP acknowledged colleges and universities is located at <http://www.cscmp.org/Website/Education/EduListing.asp>.
- [APICS—The Educational Society for Resource Management](#)
- [Certified Claims Professional Accreditation Council \(CCPAC\)](#)
- [Institute for Supply Management \(ISM\)](#)
- [Institute of Management Accountants \(IMA\)](#)
- [Institute of Management Consultants \(IMC\)](#)
- [Institute of Packaging Professionals \(IoPP\)](#)
- [Institute of Logistical Management \(ILM\)](#)
- [Materials Handling and Management Society \(MHMS\)](#)
- [National Private Truck Council \(NPTC\)](#)
- [SOLE—The International Society of Logistics](#)
- [International Warehouse Logistics Association](#)

A part of the information gathering included a review of very successful supply chain training strategy used by Federal Express® (FedEx). FedEx operates one of the most successful supply chains in the marketplace. As a part of their growth strategy, FedEx Supply Chain Management Services was created, offering a portfolio of services to help turn their successful supply chain management principles into a competitive strategy.

FedEx is marketing four strategic segments:

- **Transportation Management**—end-to-end transportation solutions, both domestic and international, for all modes of transportation
- **Fulfillment Services**—integrated services that facilitate in-bound and out-bound, and reverse logistics making order, warehouse, and inventory management less of an expense
- **Return Management**—flexible solutions to control the returns process and improve customer satisfaction, and
- **Orchestrated Delivery**—synchronized delivery of products to customers including shipment consolidation/de-consolidation, transportation mode selection, customs requirements, and so on.

The FedEx Institute of Technology, a division of the Fogelman College of Business and Economics, was formed in 1993 as a strategic alliance between The University of Memphis and FedEx. The Institute houses ten research centers, including the FedEx Center for Supply Chain Management. The stated goals of the Center are:

- Research, courses, and consulting in internet-based supply chain management.
- Focus on finding new ways of using information technology and organizational change to speed the flow and quality of information.
- Publish annual journal reporting on research results from scientific investigation of cycle time issues.
- Host certificate seminars on SCM and logistics research for Fortune 1000.

More information about the Institute is available at <http://fedex.memphis.edu/> and at <http://www.people.memphis.edu/%7Ecscm/index.html> for the Center for Supply Chain Management.

The University of Memphis's Department of Marketing and Supply Chain Management offers a Bachelor of Business Administration (BBA) with a major in Logistics and Supply Chain Management. The program is designed to provide students with professional knowledge, training and skills to support careers in supply chain management that include strategic sourcing and procurement, supply chain analysis, international logistics management, inventory management, production management and materials management. Core courses in the major include supply chain management, logistics management, transportation management, production and operations management, electronic commerce, and supply chain strategy.

This draft catalog is a representative sampling of training vendors of supply chain curriculum and will continue to evolve with the DPO initiative to establish a professional joint distribution community.

Arizona State University

W. P. Carey School of Business

Department of Supply Chain Management

Description

Full and part-time programs in the Arizona State University (ASU) Supply Chain Management School include a spectrum of degrees, executive education programs, and customized seminars for corporate customers. In 2004, ASU launched its first fully online MBA degree program. According to ASU, "Supply chain management is the management of resources to design, procure, fabricate, produce, assemble, store, distribute, deliver, use, maintain, recycle, and dispose of goods and services." Their programs reflect this diverse definition.

Wall Street Journal Top Business Schools 2004 states: "The Arizona State MBA program is best known for its supply-chain management specialization. Students learn about e-Commerce, cost management, relations with buyers and suppliers, and logistics design and management."

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Recognized by Force-Centric Logistics Enterprise (FLE)
- U.S. News and World Report:
 - ◊ "Top 50 Graduate Schools of Business" (*America's Best Graduate Schools 2005*)
 - ◊ "Top 10 Supply Chain/Logistics Specialties" (*America's Best Graduate Schools 2004*)
 - ◊ "Top 30 Undergraduate Schools of Business" (*America's Best Colleges 2004*)
 - ◊ "Top 5 Supply Chain/Logistics Specialties" (*America's Best Colleges 2004*)
- *Business Week 2003 Business School Rankings*—Top 50

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
 - ◊ Doctorate
- Certification Program
- Executive Education
- Seminars

Accredited by

North Central Association of Colleges and Schools (NCA–HLC) Higher Learning Commission

Department of Supply Chain Management

Joseph Robert Carter, Department Chair

E-mail address: wpcareyscm@asu.edu

Web sites:

Business: <http://wpcarey.asu.edu/scm/>

Course Catalog: http://wpcarey.asu.edu/scm/scm_courses.cfm

Commercial: 480–965–6044

Fax: 480–965–8629

P.O. Box 874706, Office BA446

Tempe, AZ 85287–4706

Bachelor of Science in Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

ASU's Supply Chain Management undergraduate degree incorporates supply management, logistics management, and operations into an integrated supply chain concept that is unlike any other university program in the world. Focus is on theoretical concepts as well as current and future managerial practices. Throughout the curriculum, students experience team and individual projects using data and problems from real organizations. In addition to general study requirements, the undergraduate major in Supply Chain Management consists of the following courses: Logistics Management, Supply Management, Planning and Control Systems for Supply Chain Management, Quality Management and Measurement, Research and Negotiation, and Supply Chain Strategy. Specific degree requirements are shown at <http://www.asu.edu/provost/smis/cb/scmbs.html>.

Prerequisites

Applicants must be high school graduates. Degree-seeking students must meet criteria outlined at <http://www.asu.edu/admissions/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Acquisition
Quality Management
Leadership/Management

Master of Business Administration with Supply Chain Management Specialization

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

In the ASU Supply Chain Management MBA specialization, the integration of chains, e-Business, and globalization permeate each course. This program trains managers who are strategic thinkers, excellent analysts, effective communicators/team leaders, computer competent, and who are focused on cost savings, increasing revenue, and increasing shareholder value. Major graduate degree topics include: Buyer/supplier relations, Global supply chain issues, Logistics design and management, E-commerce, Integrating demand/supply analysis, Strategic supplier alliances, Strategic design and development of systems, and Operations and Supply. Details of the curriculum can be found at http://wpcarey.asu.edu/mba/courses/ft_scm_curriculum.cfm.

Prerequisites

Applicants must have a U.S. bachelor's degree (or equivalent) from an accredited institution and the equivalent of a "B" average in the last 60 semester (or 90 quarter) hours of undergraduate course work. Additional information can be found at <http://wpcarey.asu.edu/mba/ft/admission.cfm>.

Level

Administrative/Professional
 Managerial
 Executive

Personnel status

Military
 Civilian

Training outcomes

College Credit
 Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
 Logistics Design and Management
 Manufacturing/Operations Management
 Global Issues/Strategic Partnering
 Leadership/Management

Doctoral Program in Business Administration with emphasis in Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

The objective of the Doctorate in Business Administration with emphasis in Supply Chain Management is to prepare scholars to conduct high-quality research and to teach in the field of supply chain management. It is a full-time residential program. During their course of study, students will have a variety of experiences that enhance their prospects for success as faculty members at leading institutions of higher education.

Students develop the capability to review, analyze, conduct, and publish research through a series of research seminars and courses that supplement and complement each student’s background, abilities, and aspirations. In addition, doctoral students may work on ongoing research projects in conjunction with faculty members in the Supply Chain Management Program. Doctoral students receive financial support through teaching and/or research assistantships. More information is available at http://wpcarey.asu.edu/scm/scm_phd.cfm.

Prerequisites

In addition to appropriate graduate-level degree and work experiences, ASU’s doctorate program is seeking candidates with the following characteristics:

- Research interest in supply, operations, or logistics management
- Business core knowledge competency (completion of MBA preferred)
- Quantitative/behavioral aptitude and knowledge
- e-Business aptitude

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and teaching

Emphasis

Supply Chain Management
Logistics Design and Management
Manufacturing/Operations Management
Global Issues/Strategic Partnering
Scholarly research

Online Executive Education Certificate—Understanding Supply Chain Networks

End-to-End	Supply	Distribution	Transportation

Training types

- Certificate
- Executive Education

Description

The W. P. Carey School of Business "Understanding Supply Chain Networks" Certificate is a new online program developed by the creators of the ASU Online MBA. It consists of two graduate level courses and is designed for supply chain professionals who want a detailed overview of the field of supply chain management. It presents practical lessons drawn from the latest advances in research and practice in a cost-effective, interactive format. Each student will receive a textbook for each course and a variety of case studies and articles to support the online material. The program is suitable for professionals in a variety of disciplines, including manufacturing, material, project engineering and management, quality, supply management, systems engineering, and general business. Detailed information is available at http://wpcarey.asu.edu/exec/scm_online_certificate.cfm.

Prerequisites

None

Level

Administrative/Professional
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Certification

Delivery methods

Web-based Training
Instructor-led Internet

Emphasis

Supply Chain Design
Logistics Management
Decision Making
Cost Management
Just-in-Time Management

Executive Education—Supply Chain Projects: Skills, Tools, and Processes

End-to-End	Supply	Distribution	Transportation

Training type

Executive Education

Description

This intensive 5-day executive education program delivers the latest tools, techniques, and perspectives in supply chain projects. Leading faculty members in the areas of project management and supply chain management present a unique program that prepares supply chain professionals for today’s dynamic project challenges as well as provides a foundation for leading substantial change throughout their organization through their project leadership skills. Supply chain professionals are increasingly directing and implementing projects around initiatives such as cost reduction, information technology, Six Sigma, product development, and supplier development.

Supply chain projects confront many unique challenges and risks, such as working across organizational boundaries and their multi-disciplinary nature. It is not surprising to find that supply chain projects require a diverse portfolio of skills and tools if they are to be completed on schedule, within budget, and achieve the desired results. This program covers proven tools and processes for developing project plans and schedules as well as tracking project performance, with a particular emphasis on supply chain projects. Participants experience action-oriented learning through team-based problem solving, case studies, and interactive exercises. Using projects from their organizations, participants will develop a project plan by applying the program’s skills, tools, and processes directly to an actual industry project. In addition, software templates illustrating many of the different skills and tools will be provided. Details are available at http://wpcarey.asu.edu/exec/pm/pm_scm.cfm.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Project Management Institute—Professional
Development Units

Delivery method

Classroom
Simulations

Professional status

Project Management Institute Partner

Emphasis

Supply Chain Management
Logistics Management
Project Planning and Management

Executive Education and Seminars—Customized Professional Development

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

Executive Education is an integral component of the Supply Chain Management programs at ASU. It is designed for working professionals to develop their professional competencies within supply chain. This may be a specialized seminar, college credit course, or a comprehensive certificate program. A primary mission of Supply Chain Management executive programs is to provide a flexible program to meet professional education needs with a world-class faculty.

The program is designed to meet the organization and individual needs. Whether for college credit or not, these customized courses may be presented either in specialized face-to-face seminars or via an e-Learning format. The main point is that the design can be arranged to meet individual needs.

More information is available at <http://wpcarey.asu.edu/scm/SCMExecEducation.cfm>.

The point of contact for customized executive programs is the Director of Executive Education at 480–965–8617.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom
Instructor-led Internet

Training outcomes

Seminars and courses customized to meet customer-specific requirements

Emphasis

Supply Chain Management
Logistics Management
Customized to organization's needs

Carnegie Mellon University

Tepper School of Business

Description

The Tepper School of Business at Carnegie Mellon offers an academic experience focused on innovation, intensity, and diversity. Their program is interdepartmental, leveraging coursework from multiple disciplines “traditionally” found outside the borders of a business school. By harnessing the knowledge base of the entire Carnegie Mellon University, the program affords students unique opportunities for customized coursework and exposure. As a result, students have the ability to develop skills and knowledge relating to technology, engineering, the arts, and public policy as well as core business functions.

At Tepper, the undergraduate degree program is foundational with no specialization in supply chains or logistics. They recognize that their graduates may work in areas that do not exist today, so their aim is to produce fast learners rather than specialists. One undergraduate track (Manufacturing Management and Consulting) includes supply chain elements, but concentrates primarily on operations versus logistics.

Acknowledgements

- U.S. News and World Report:
 - ◊ “Top 50 Graduate Schools of Business” (*America’s Best Graduate Schools 2005*)
 - ◊ “Top 10 Supply Chain/Logistics Specialties” (*America’s Best Graduate Schools 2004*)
 - ◊ “Top 30 Undergraduate Schools of Business” (*America’s Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Degree—Master
- Executive Education
- Seminars

Accredited by

Middle States Association (MSA) of Colleges and Schools Commission on Higher Education

Tepper School of Business

Kenneth B. Dunn, Dean

Web site: <http://business.tepper.cmu.edu>

Commercial: 412–268–2000

Fax: (412) 268–8163

5000 Forbes Avenue

Pittsburgh, PA 15213

Master of Business Administration (Operations Management Emphasis)

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

Because most important business problems are solved by combining ideas from various disciplines, the Tepper Master of Business Administration (MBA) degree emphasizes interdisciplinary thinking. There are no departments in the business school, and there are no required majors in the MBA program. It is Tepper's conviction that important new ideas today come from the areas in which disciplines overlap. The business school is a leader in identifying and solving new problems, as well as in applying new techniques to solving existing problems.

The MBA program is primarily a 2-year, full-time program. Working professionals in the Pittsburgh area may also complete the MBA degree in the evening, as members of a flex-time program. More information on the structure and requirements for the MBA program are at <http://business.tepper.cmu.edu/default.aspx?id=141008>.

The Operations Management track (<http://business.tepper.cmu.edu/default.aspx?id=142028>) analyzes virtually all aspects of process improvement, supply and demand dynamics, as well as planning control in a manufacturing environment. It provides exposure to programs found at other departments and schools on campus, including Carnegie Mellon's School of Engineering, the Robotics laboratories, and the departments of Mathematics and Statistics. Ranging from the latest research and manufacturing case studies for JIT systems to dynamic modeling for distribution and logistics research, the track demonstrates how a school that redefined the industrial age has merged "tangibles and technology."

Prerequisites

Applicants must have a Bachelors degree and a record of full time work experience. Complete admission requirements are at <http://business.tepper.cmu.edu/default.aspx?id=141060>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

College Credit
Degree Program

Emphasis

Supply Chain Management
Quality Management
Business Administration
Operations/Manufacturing Management

Executive Education and Seminars—Customized Professional Development

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

Rather than an emphasis on volume and commercialism, executive education at Carnegie Mellon's business school selectively offers programs that focus on interdisciplinary models for meeting the challenges that face managers. Companies around the world turn to Carnegie Mellon Executive Education to collaborate and develop customized programs on a range of emerging issues and opportunities.

Depending on the needs of the customer, programs might include knowledge content in college coursework and/or seminars, case studies using business-specific situations, and/or follow-on analysis/implementation after the program is complete. Customized programs are delivered according to the customer's timing, location, budget, and learning-style needs. Programs range from ongoing 1-week programs to single-topic presentations and are delivered at the customer's site or at Carnegie Mellon's Executive Education Center on campus. The university takes pride in making program design and delivery as easy, efficient, enjoyable, and productive as possible for their customers.

Visit <http://business.tepper.cmu.edu/default.aspx?id=141401> for more information on customized programs and <http://business.tepper.cmu.edu/default.aspx?id=141057> for Executive program details.

Level

Administrative/Professional
 Managerial
 Executive

Personnel status

Military
 Civilian

Training outcomes

Seminars and courses customized to meet customer-specific requirements

Delivery method

Classroom

Emphasis

Customized to organization's needs

Florida Institute of Technology

School of Extended Graduate Studies

Description

Florida Institute of Technology (FIT) is an independent technological university that provides quality education and furthers knowledge through basic and applied research. FIT's School of Extended Graduate Studies (SEGS) program (<http://segs.fit.edu/>) is tailored to meet the educational needs of local residents, employees of industry and business, active duty military personnel, and U.S. Government civilian employees in management and engineering.

Through a network of graduate centers and a strong internet-based distance learning program, educational opportunities are available to individuals and groups who are unable to access traditional resident-based graduate programs. FIT's Virtual Graduate Center offers Masters Degree programs in a total distance learning online environment. Graduate certificate programs are also available online. See <http://www.segs.fit.edu/academics/index.html> for details about available graduate credit degree and certificate programs.

Cooperative degree programs are conducted at Ft. Lee, VA, in conjunction with the Logistics Executive Development Course (LEDC) at the U.S. Army Logistics Management College. Similarly, FIT awards transfer credits for certain classes taken as part of the regular course at the Command and General Staff College, Ft. Leavenworth, KS. This permits qualified students to be sent under Army orders to an appropriate FIT site, including the main campus, to complete a graduate-degree program.

Acknowledgements

- Recognized by Force-Centric Logistics Enterprise (FLE)
- Defense Acquisition University (DAU) partner
- U.S. Army Logistics Education partner

Training types

- Degree—Master
- Certification Program

Accredited by

Southern Association of Colleges and Schools (SACS) Commission on Colleges

School of Extended Graduate Studies

Ronald L. Marshall, Dean

E-mail address: rmarshal@fit.edu

Web site: <http://segs.fit.edu/>

Commercial: 321-674-8880

Fax: 321-723-9468

150 West University Blvd.

Melbourne, FL 32901-6975

Master of Science in Logistics Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Science

Description

The mission of the School of Extended Graduate Studies (SEGS) at Florida Institute of Technology (FIT) is to prepare adult students, wherever they may be located, for rewarding and productive professional careers in a work environment that is increasingly global in scope, driven by rapidly changing technology and focused on quality. In pursuit of this mission, SEGS seeks to provide students with the finest possible graduate and professional development education using the most appropriate delivery technology.

The degree of Master of Science in Logistics Management (MS/LM) is available entirely online through FIT's Center for Distance Learning or in a traditional classroom setting. Students can choose elective courses with the approval of both the faculty advisor and the program head.

Visit <http://segs.fit.edu/pdf/catalog/0405Catalog.pdf> for more information about degree requirements. The MS/LM program begins on page 91 of the catalog at this link.

Prerequisites

The applicant to the Master of Science in Logistics Management program must have a Bachelor's degree; however, the degree need not be in business administration. Prerequisite courses are required of a student whose undergraduate major is outside the business area or who has not completed the courses in the prerequisite areas. The Graduate Record Examination (GRE) or the Graduate Management Admissions Test (GMAT) may be required for evaluation purposes. See <http://segs.fit.edu/admissions/index.html> for complete admissions information.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Instructor-led Internet
Classroom

Professional status

Army Partnership

Emphasis

Logistics Management
Supply Chain Management
Management/Leadership

Master of Science in Management (available emphasis: Logistics or Transportation)

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Science

Description

The mission of the School of Extended Graduate Studies (SEGS) at Florida Institute of Technology is to prepare adult students, wherever they may be located, for rewarding and productive professional careers in a work environment that is increasingly global in scope, driven by rapidly changing technology and focused on quality. In pursuit of this mission, SEGS seeks to provide students with the finest possible graduate and professional development education using the most appropriate delivery technology.

The degree of Master of Science in Management is available entirely online through FIT's Center for Distance Learning or in a traditional classroom setting. Students choose an area of emphasis, including options for Logistics or Transportation.

Visit <http://segs.fit.edu/pdf/catalog/0405Catalog.pdf> for more information about degree requirements. The MS/M programs begin on page 92 of the catalog at this link.

Prerequisites

The applicant to the Master of Science in Management program must have a Bachelor's degree; however, the degree need not be in business administration. Prerequisite courses are required of a student whose undergraduate major is outside the business area or who has not completed the courses in the prerequisite areas. The Graduate Record Examination (GRE) or the Graduate Management Admissions Test (GMAT) may be required for evaluation purposes. See <http://segs.fit.edu/admissions/index.html> for complete admissions information.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Instructor-led Internet
Classroom

Professional status

Army Partnership

Emphasis

Supply Chain Management
Transportation Management
Logistics Management
Management/Leadership

Graduate Certificate in Transportation Management

Graduate Certificate in Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Certificate

Description

The School of Extended Graduate Studies (SEGS) offers graduate certificate programs via distance learning and in the traditional classroom setting at graduate centers across the United States. Topics include certificates in several related fields, most notably in Transportation Management and in Logistics.

All graduate certificates are fully available via distance learning. Complete information and course requirements for the eleven certificate programs can be found in Section 13 (beginning on page 109) of the catalog at <http://segs.fit.edu/pdf/catalog/0405Catalog.pdf>.

A strategic partnership has been created between the Defense Acquisition University (DAU) and Florida Institute of Technology to provide cooperative graduate certificate programs. For more information click here <http://www.segs.fit.edu/dau/>.

Prerequisites

Applicants for graduate certificate programs must have an undergraduate degree. Specific requirements can be reviewed at <http://segs.fit.edu/academics/certificates/faq.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Graduate certificate

Delivery method

Instructor-led Internet
Classroom

Professional status

DAU Partnership

Emphasis

Transportation Management
Logistics Management
Other focused topics available

George Mason University

School of Public Policy

Transportation Policy, Operations, and Logistics Program

Description

The Transportation Policy, Operations and Logistics (TPOL) Program is the newest Masters Degree program at the School of Public Policy at George Mason University (GMU). The School of Public Policy is the leading university-based public policy institution in the Washington D.C. area and a pioneer in exploring the implications of a technologically sophisticated world on the key decisions of the day.

The TPOL Program is designed for those who want to secure top-level management jobs in the transportation field. Students dissect the complex institutional and legal environment in which transportation facilities and services are planned, designed, constructed, implemented, and retired. Students will work closely with agencies of the U.S. Department of Transportation, the Federal Transit Administration, state and local transportation authorities throughout the region, and a range of private sector firms to address critical and urgent transport issues.

More information can be found at http://policy.gmu.edu/programs/programs_tpol.html.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Recognized by Force-Centric Logistics Enterprise (FLE)
- Defense Acquisition University (DAU) partner

Training types

- Degree—Master
- Certification Program

Accredited by

Southern Association of Colleges and Schools (SACS) Commission on Colleges

School of Public Policy

Kingsley E. Haynes, Dean

E-mail address: spp@gmu.edu

Web site: http://policy.gmu.edu/programs/programs_tpol.html

Commercial: 703-993-8099

3401 N. Fairfax Drive, MS 3B1

Arlington, VA 22201

Master of Arts in Transportation Policy, Operations, and Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Arts

Description

The TPOL Masters Program is a new kind of transportation degree for a new kind of Transportation professional. GMU takes a multidisciplinary approach to a subject traditionally relegated to civil engineering and business schools to give students a potent combination of managerial skills, technical expertise, and policy perspective that is highly valued by today's industry and government leaders.

The program prepares students to work effectively in today's logistically integrated intermodal transportation system. While many students have prior training in engineering, business or urban planning, students from all backgrounds are welcome. For students already working in the transportation field, this Master of Arts degree will advance their careers by expanding their knowledge of the complex ways in which transportation systems work today. Detailed information about the masters degree is available both in the program brochure at http://policy.gmu.edu/docs/program_guides/TPOL_Program_Guide.pdf and on the web at http://policy.gmu.edu/programs/programs_tpol.html.

DAU and the GMU School of Public Policy have established an agreement that enables members of the Defense Acquisition, Technology, and Logistics (AT&L) workforce, certified in at least one of the AT&L career fields, to apply their training toward this degree.

Prerequisites

Students are required to hold a bachelor's degree from an accredited college or university. Admissions information can be found at http://policy.gmu.edu/admissions/admis_masters.html.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Transportation
Supply Chain Management
Logistics Management

Certificate in Transportation Policy, Operations, and Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Certification Program

Description

The TPOL certificate requires the completion of a course in Transportation Systems plus at least four courses from the Transportation Policy, Operations, and Logistics sequence. Some of the relevant course options are:

- Transportation Operations & Logistics
- Transportation Economics
- Metropolitan Transportation Policy
- International Transportation Logistics
- Policy and Program Evaluation
- Transportation Policy & Planning

The certificate program is open to those with a bachelor's degree who seek continuing education and skills to remain competitive in an increasingly complex global economy. More information on this program is at http://policy.gmu.edu/programs/programs_cert.html.

Prerequisites

Admission to a certificate program requires formal application to the School of Public Policy. Please refer to <http://policy.gmu.edu> for information about the application process.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Video Teleconference (in some areas)

Emphasis

Transportation
Logistics Management

Georgia Institute of Technology
School of Industrial and Systems Engineering
The Logistics Institute at Georgia Tech

Description

Established in 1992, The Logistics Institute (TLI) coordinates all supply chain related activities on the Georgia Tech campus. Executive Masters in International Logistics (EMIL), a regular Georgia Tech Masters program, and TLI are sister programs, sharing common educational objectives, faculty, and resources. TLI offers a comprehensive curriculum of more than 15 short courses and seminars, ranging from material handling to global logistics, which may be taken individually or as part of a Georgia Tech continuing education certificate program.

TLI results from a partnership with the National Science Foundation and more than 10 corporations and government agencies known as TLI's *Leaders in Logistics*. The Institute focuses on logistics research, education, and practice, with an emphasis on supply chain design, transportation planning, and e-commerce logistics. TLI accomplishes this by

- applying logistics knowledge through joint industry/academic practice
- expanding logistics knowledge through logistics education programs, and
- honing logistics knowledge through engineering research.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Recognized by Force-Centric Logistics Enterprise (FLE)
- U.S. News and World Report:
 - ◊ “Top 30 Undergraduate Schools of Business” (*America’s Best Colleges 2004*)
 - ◊ “Top 50 Graduate Schools of Business” (*America’s Best Graduate Schools 2005*)
- DLA partner as a Leader in Logistics

Training types

- Degree
 - ◊ Bachelor
 - ◊ Master
- Executive Education
- Certification Program
- Seminar

Accredited by

Southern Association of Colleges and Schools (SACS) Commission on Colleges

The Logistics Institute at Georgia Tech
<http://www.tli.gatech.edu/>
School of Industrial and Systems Engineering
<http://www.isye.gatech.edu/>
Commercial: 404-894-2343
Fax: 404-894-6527
765 Ferst Drive, NW, Suite 109
Atlanta, GA 30332-0205

Bachelor of Science in Management with Technology and Operations Management Concentration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelors

Description

The College of Management's approach to education is very different from that of other business schools. At Georgia Tech, students acquire not only the expertise to succeed in business, but they also learn how to manage technological change in a global economy and explore its impact on society. The Bachelor of Science in Management (BSM) prepares students in the full range of intermediate and advanced business areas of finance, operations management, information technology management, strategic management, marketing, entrepreneurship, international business, and e-Commerce.

The College currently offers eight concentrations, including Operations Management. Advanced coursework may be informally arranged between a student and faculty members and designed to allow the student to obtain advanced knowledge in an area.

Further information about the College of Management undergraduate degree program can be found at <http://mgt.gatech.edu/programs/undergrad.html>.

Prerequisites

Generally, College of Management freshmen must meet the same requirements that all Georgia Tech students meet. See <http://mgt.gatech.edu/programs/under/admissions.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Quality Management
Operations

Master of Business Administration with Operations Management Concentration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Business Administration

Description

Excellence in management education has long been a hallmark of Georgia Tech. The Master of Business Administration (MBA) program helps students develop the skills they will need to effectively manage changing technological environments in the twenty-first century, and the vision and ingenuity to become valued leaders in their fields. MBA program information begins at <http://mgt.gatech.edu/programs/mba.html>.

The Georgia Tech MBA is a 2-year program requiring full-time study. Admission is in the fall semester only. The curriculum is quantitative in nature; current students agree that a strong quantitative background (including Calculus and Probability) will enhance learning and academic performance. During the second year of the program, students design their own concentrations. The graduate student who completes a Concentration in Operations Management is considered to have a comprehensive knowledge of planning and managing an organization's resources and processes that create products or services. The resources include the work force, technology, supply chain, production and services creation processes, materials, and information, all of which typically represent a significant portion of an organization's total costs and controllable assets.

Prerequisites

The application process is covered at <http://mgt.gatech.edu/programs/mba/application.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Operations Management
Supply Chain Management
Logistics Management

Executive Masters in International Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

Georgia Tech's goal with the Executive Masters in International Logistics (EMIL) is to be the world's premier International Supply Chain Master's Degree Program. EMIL is intended to help Fortune 500 companies design creative new solutions for critical issues in their global supply chains. This unique program keeps key employees on-the-job while teaching them practical techniques for decreasing logistics costs and improving supply chain efficiencies.

EMIL is the first advanced degree to combine the growing field of global logistics with business management. EMIL blends engineering and management faculty with best of breed industry practices to create a unique educational opportunity offering concrete business deliverables.

EMIL is a Master's degree program delivered in an Executive format over an 18-month period. Participants meet for 2 weeks of intensive classes (residences) every 3–4 months. Residences focus on the regional influences shaping logistics as well as topics like reverse logistics, labor relations, freight management, procurement, distribution, and warehousing. Members participate via distance learning alternatives between residences.

EMIL provides participants with the analytical skills and intellectual framework needed to succeed in designing and implementing a global logistics strategy. The academic program is designed to cover the extended supply chain and regional differences across Europe, Asia, Latin America, and the United States. As a result, the five EMIL residences are held in the US, Europe, Latin America, and Asia.

More detail about this fascinating program begins at <http://www.emil.gatech.edu/>. Probably the best overview is in the "FAQ" section http://www.emil.gatech.edu/program_information/faq.php.

Prerequisites

The EMIL program is focused exclusively on serving professionals that have substantial work experience. Admissions information is at <http://www.emil.gatech.edu/admissions/criteria.php>.

Level

Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Instructor-led Internet

Emphasis

Global Supply and Logistics Management

Master of Science in Logistics and Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Science

Description

Designed primarily for rising logistics professionals with 5 to 10 years experience, the program provides a unique mixture of engineering depth and management breadth required of today's logistics executive. Participants will not only learn how to deliver goods faster and more efficiently, they will also learn how to wield the global supply chain as a tool of corporate strategy. Coursework develops participants' skills in both strategic planning and in their ability to harness technology.

While the ideal applicant has a technical background including an undergraduate degree in engineering, science, or other technical discipline, the program is open to others as well. This program also offers more experienced logistics managers an opportunity to update and refocus their skills.

Prerequisites

Regarding prerequisite coursework, it is to be understood that candidates pursuing any of the School's Masters degrees should have or be willing to attain a mathematics background essentially equivalent to the first 2 years of an engineering degree, including exposure to a course in linear algebra. In addition, solid undergraduate-level courses in probability, statistics, and the fundamental methodologies of operations research will be required before enrolling in any of the respective graduate courses.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Acquisition
Quality Management
Leadership/Management

Executive Education, Certificates, and Customized Seminars in Logistics

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Certification and Seminars

Description

TLI offers diverse courses and seminars, including tracks that lead to professional certification. Information about the broad spectrum of offerings begins at <http://www.tli.gatech.edu/>. Open enrollment logistics short courses are offered each year in subjects ranging from material handling to global logistics. TLI also custom-assembles curriculum designed for individual customer needs. TLI offers two series from which participants can earn a professional certificate in logistics.

The **Logistics Professional Series (LPS)** is a curriculum of short courses providing coverage of all major logistics and supply chain management topics. LPS students come from all segments of the logistics community: manufacturing, distribution, warehousing, transportation, third-party logistics, consulting, and information technology. For more information, visit <http://www.tli.gatech.edu/education/calendar.php>.

The **Logistics Management Series (LMS)** is an integrated curriculum of four short courses providing coverage of logistics management topics. LMS is designed for logistics professionals and managers across the entire supply chain (procurement, manufacturing, distribution, transportation, warehousing and retail) who desire university-based credentials. Details are at <http://www.tli.gatech.edu/education/lms/>.

E-Courses and on-line webinars designed and developed by renowned logistics educator Dr. Edward H. Frazelle are detailed at <http://www.tli.gatech.edu/education/ecourses/> and include:

- **Logistics Management e-Series**—A new series of computer-based and on-line education programs beginning with World Class Warehousing and Material Handling.
- **Fridays with Frazelle**—A series of 12 live, interactive webinars covering key principles in logistics and supply chain strategy.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Certification
Executive-level skills

Delivery method

Classroom
Technology-delivered (Online or CD)

Emphasis

Supply Chain and Logistics Management

Harvard University

Harvard Business School

Description

For nearly a century, the Harvard Business School (HBS) has drawn on its passion for teaching, experience in working with organizations worldwide, and insights gained from research to educate generations of leaders who have shaped the practice of business in every industry and in every country around the world.

The Technology and Operations Management (TOM) area at HBS traces its roots back to activities and resources within the confines of the factory's walls. Today, TOM supports research and course development efforts encompassing a broad range of issues in manufacturing and service operations, technology and product development, and management of supply chains.

HBS does not offer an undergraduate degree program. At the Masters and Doctorate levels, the degree programs with TOM focus are primarily oriented to the operations and strategic planning areas and, as a result, are not included in this catalog. Specifics about TOM courses can be found at <http://www.hbs.edu/units/tom/teaching.html>.

Acknowledgements

- U.S. News and World Report—"Top 50 Graduate Schools of Business" (America's Best Graduate Schools 2005)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Executive Education
- Seminars

Accredited by

New England Association of Schools and Colleges (NEASC-CIHE) Commission on Institutions of Higher Education

Validated

The content of this section was validated by Harvard Business School in August 2004.

Harvard Business School
Web site: <http://www.hbs.edu/>
Commercial: 617-495-6000
Soldiers Field
Boston, MA 02163

Executive Education—Managing the Supply Chain: The General Manager's Perspective

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

This 1-week Executive Development program provides operating managers with the field-based, cross-functional perspective on supply chain management that is critical today. Participants take away the frameworks and tools to build and coordinate multiple activities, within their companies and across the entire supply chain. The program helps participants:

- Understand the impact of information technology, the electronic economy, globalization, and consumer-buying habits on supply chain dynamics.
- Address organizational/behavioral issues that pose barriers to supply chain performance.
- Leverage their supply chain capabilities to derive competitive advantage.
- Effectively manage change that affects both internal and external relationships.

The case method, a uniquely powerful discovery approach pioneered at HBS, is the foundation of the seminar's learning model. By opening a window on actual business situations, a guided case discussion engenders a highly stimulating, collaborative learning process. HBS faculty research and write the majority of the world's management case studies, and they are singularly skilled at teaching with the case method.

Participants take on roles as the managers described in a case and analyze information, identify problems, formulate and compare alternative solutions, negotiate solutions, and commit to action plans. Faculty members coach participants throughout this interactive process of discussion, discovery, and application. Opportunities are created for participants to address company issues, enhancing their ability to take learning home. A custom case can be developed specifically for a customer's program to highlight unique issues and challenges. Details are available at <http://www.exed.hbs.edu/programs/msc/>.

Prerequisites

Admission is selective and based on professional achievement and organizational responsibility. See <http://www.exed.hbs.edu/programs/msc/admission.html> for details.

Level

Managerial
Executive

Personnel status

Military
Civilian—GS

Training outcomes

State-of-the-business updates
Executive-level skills

Delivery method

Classroom

Emphasis

Supply Chain Design/Implementation
Global Issues/Strategic Imperatives
Information Technology

Executive Education and Seminars—Customized Professional Development

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

HBS works with companies on a one-to-one basis to develop learning experiences tailored to the needs of each firm. Whether facing shifting market dynamics, new competitors, or more demanding customers, an HBS custom program can help energize executives with new thinking and enhance organizations with new capabilities.

The goal of every custom program is to create a learning experience that has high impact, is actionable, and meets the unique needs of the company for whom it is designed. HBS custom programs can be developed to meet a wide variety of objectives, including:

- Imparting a shared understanding of the company’s mission and values, core businesses, and key challenges
- Enhancing senior managers’ leadership skills and their ability to manage change.
- Guiding the development of strategies for operating in a global business environment.
- Deepening functional and operational competencies, and translating concepts into practice.
- Supporting the integration of corporate cultures after a restructuring or merger.
- Increasing communication/networking among managers at all levels of the organization.

HBS faculty and staff first conduct an exacting needs assessment to uncover issues and challenges, and ensure that the program that is developed tackles the company’s most vital concerns. The assessment actually is part of the education process, involving and garnering buy-in from senior leaders as the process unfolds. An HBS team, including faculty and program staff, then works with key individuals to design a program that meets the company’s needs. HBS faculty, develop the curriculum and learning materials based on the objectives that have been outlined. Ongoing collaboration and a commitment to service and flexibility ensure that the program creates a high-impact learning experience for participants and leads to the desired outcomes. More information on customized programs is available at:

<http://www.exed.hbs.edu/programs/custom/index.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian—GS

Training outcomes

Seminars and courses customized to meet customer-specific requirements

Delivery method

Classroom

Emphasis

Customized to organization’s needs

Howard University

School of Business

Description

The mission of the Howard University (HU) School of Business is to provide a comprehensive business and management education to students of high academic potential with particular emphasis upon the provision of educational opportunities for promising African-American students who may not otherwise have an opportunity to acquire an education of the type provided at Howard. The School of Business and its faculty and staff are student-focused, constantly seeking to provide our students with a very positive, well-rounded academic experience which is second to none in quality.

The HU School of Business Bachelors degree is foundational and does not offer a specific emphasis in logistics or supply-chains though some specialization is possible. Additional information can be found at <http://www.bschool.howard.edu/INDEX.HTM>.

Acknowledgements

- Recognized by Force-Centric Logistics Enterprise (FLE)
- Defense Acquisition University (DAU) Strategic Partner

Training types

- Degrees—Master
- Certification Program

Accredited by

Middle States Association of Schools and Colleges (MSA) Middle States Commission on Higher Education

Validated

The content of this section was validated by Howard University in September 2004.

Howard University, School of Business

Dr. Barron Harvey, Ph.D., Office of the Dean

Web site: <http://www.bschool.howard.edu/INDEX.HTM>

Commercial: 202-806-1500

Fax: 202-797-6393

2600 Sixth Street, NW

Washington, DC 20059

Master of Business Administration—Supply Chain Management Concentration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The Master of Business Administration (MBA) Program is designed to prepare students for a life of committed Business Leadership for America and the Global Community. The program provides a superior and specially designed academic experience to graduate students, primarily of African descent, who have demonstrated superior intellectual and academic ability and relevant work experience after the undergraduate degree. For information on the Supply Chain Management concentration, see <http://www.bschool.howard.edu/scm/index.html>.

Students can choose to complete a variety of elective courses to earn a general MBA or alternatively can choose to “concentrate” in a specific discipline. The full-time, 2-year MBA program requires the completion of 15 credit hours during each of the first two semesters and 12 credit hours during each semester of the second year. There are two part-time programs designed to meet the varied needs of students who are employed full-time. The “Accelerated” Part-time Evening Program is designed for a student to enroll in 9 credit hours per semester and complete the degree requirements in 3 years. The “Regular” Part-time Evening Program is designed for a student to enroll in 6 credit hours per semester and complete the degree requirements in 4 years. More information on MBA programs at Howard is available at <http://www.bschool.howard.edu/Programs/MBA/index.html>.

Prerequisites

The Howard University School of Business MBA program is open to all persons holding a baccalaureate degree or its equivalent, from a nationally or regionally accredited college or university, located in the United States or abroad. Admission details are available at <http://www.bschool.howard.edu/Programs/MBA/mbaadmissions.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Total Quality Management
e-Commerce in Supply Chain Management
Government Acquisition
Supply Chain Management

Certificate—Supply Chain Management Certificate Program

End-to-End	Supply	Distribution	Transportation

Training type

Certificate

Description

The certificate program course curriculum is taught at the graduate level. Classes meet two evenings per week for one school year (August through April). The teaching methodology makes extensive use of case studies, team assignments, and guest lecturers from leading corporate and government locations.

The program consists of five graduate level courses:

- Introduction to SCM (logistics/distribution and after-sales support in a global environment)
- Introduction to Acquisition/Procurement (the right product/service in the right quantity with the right quality from the right source at the right time for the right price)
- e-Commerce (e-commerce for supply chain management and electronic commerce)
- Current topics in Supply Management (examines leading general business publications)
- Advanced SCM (analysis of logistics and global operations)

For more information, see <http://www.bschool.howard.edu/scm/certificate/default.htm>.

Prerequisites

Prospective students must have a baccalaureate degree from a 4-year accredited college, complete the enrollment process, and pay tuition.

Level

Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

Certification

Emphasis

Supply Chain Management
Acquisition/Procurement
e-Commerce

Massachusetts Institute of Technology

Sloan School of Management

Description

The Massachusetts Institute of Technology (MIT) Sloan School of Management is one of the world's leading business schools—conducting cutting-edge research and providing management education to top students from more than 60 countries. The School is part of MIT's rich intellectual tradition of education and research.

The mission of the MIT Sloan School of Management is to develop principled, innovative leaders who improve the world and generate ideas that advance management practice. What makes the MIT Sloan community so dynamic is the absence of boundaries. Invention here is cross-cultural, multi-disciplinary, inter-generational, and a result of one key common denominator: excellence. Members of this community believe strongly that there is no point in striving for anything else.

Logistics and Supply Chain Management programs are also found in Engineering departments and the MIT Center for Transportation and Logistics (<http://web.mit.edu/ctl/www/index.html>).

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- U.S. News and World Report:
 - ◊ “Top 50 Graduate Schools of Business” (*America's Best Graduate Schools 2005*)
 - ◊ “Top 10 Supply Chain/Logistics Specialties” (*America's Best Graduate Schools 2004*)
 - ◊ “Top 30 Undergraduate Schools of Business” (*America's Best Colleges 2004*)
 - ◊ “Top 5 Supply Chain/Logistics Specialties” (*America's Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
 - ◊ Doctorate
- Executive Education
- Seminars

Accredited by

New England Association of Schools and Colleges (NEASC–CIHE) Commission on Institutions of Higher Education

Sloan College of Management

Web sites:

Business: <http://mitsloan.mit.edu>

Course Catalog: <http://mitsloan.mit.edu/academic/courses.php>

Commercial: 617–253–1000

50 Memorial Drive

Cambridge, MA 02142

Bachelors in Management Science (Operations Research Concentration)

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor

Description

The MIT Sloan Undergraduate Program in Management Science provides a rigorous, analytical understanding of managerial decision-making. Continually ranked as one of the top undergraduate business programs in the nation by *U.S. News and World Report*, the program's cutting-edge approach is especially designed to prepare students for top jobs in today's technology-intensive business world.

Management Science uses tools and techniques from the fields of management, mathematics, information technology, engineering, and psychology. It is a discipline with broad applications, which offers a variety of flexible career paths and opportunities. Graduates of the program hold positions in such in-demand areas as Web-based commerce, financial engineering, marketing analysis, and software development.

In addition to the core degree requirements, students specialize in one of four areas. The Operations Research specialty is most closely aligned with supply chain management.

Additional information is available at <http://mitsloan.mit.edu/undergrad/ac-operations.php>.

Prerequisites

Applicants must be high school graduates. Full admission requirements are at <http://web.mit.edu/admissions>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Management Science
Quantitative Analysis
Logistics and Supply Chain Management

Master of Engineering in Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master

Description

The Master of Engineering in Logistics (MLOG) program is a professional degree program preparing graduates for careers in logistics and supply chain management—in manufacturing, distribution, retail, transportation, consulting, software, and/or logistics organizations.

The program takes 9 months, start to finish. Each class arrives in Cambridge in September and graduates the following May, equipped with a new set of skills and completely current with the latest thinking in theory and practice. Participants learn new techniques and approaches, network with leading innovators from practice and academia, and create new knowledge through applied thesis research.

Designed primarily for people with 3 to 10 years of industry experience, it is designed to produce logistics professionals with a system-wide perspective who are equally at home with sophisticated data analysis and with complex management issues. Further program details are available at <http://web.mit.edu/mlog/program/index.html>.

Prerequisites

Admission to the MLOG program is very competitive. Details can be found at <http://web.mit.edu/mlog/admissions/index.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Professional status

MIT Center for Transportation and Logistics partner (<http://web.mit.edu/ctl/www/index.html>)

Emphasis

Supply Chain Management
Logistics Management
Technology
Global Logistics
Wide range of electives allows customization

Master of Business Administration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master

Description

A Sloan Master of Business Administration (MBA) starts with a distinctive model of management education. Through rigorous coursework, experiential learning, exposure to real-time faculty research, and hands-on teamwork and leadership experiences, students leave Sloan ready to lead and eager to forge innovative answers to important problems in the real world.

Beyond the required core, the Sloan MBA education is a build-it-yourself proposition. A wide variety of electives (<http://mitsloan.mit.edu/academic/courses.php>) allow students to customize their programs. The electives in the Operations Management area most closely align with supply chain and logistics objectives. Additional information is available at <http://mitsloan.mit.edu/mba/indexflash.php>

Prerequisites

Detailed admission requirements are at <http://mitsloan.mit.edu/mba/admissions/index.php>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Business Administration (core)
Logistics and Supply Chain Systems
Wide range of electives allows customization

Master of Science in Transportation

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master

Description

Designed for students who seek a broad education in transportation, the Master of Science in Transportation is an appropriate program for those who are seeking their first graduate degree and who have further interests in a specific transportation sector (e.g., air, urban, marine, freight, logistics, management, planning).

Typically, the MST program takes 1 to 2 years to complete, producing graduates with strong analytic and problem-solving skills. The degree requirements include core subjects in transportation systems and operations, a specialization custom-designed by the student, a computing requirement, and a thesis. Each student also chooses one or more elective subjects to round out his or her professional program. More information is available at http://web.mit.edu/ctl/www/education/ed_mst.html.

Prerequisites

This degree is managed by the Civil and Environmental Engineering Department. While applicants are expected to have an aptitude for analytical thinking, they do not need an undergraduate degree in engineering. Backgrounds in the physical or social sciences, urban planning, management, and many other disciplines are appropriate. Additional details can be found at http://web.mit.edu/ctl/www/education/ed_mstapplication.html.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Transportation

Doctoral Program in Management Science (Operations Management Emphasis)

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

Rigorous, discipline-based research is the hallmark of the MIT Sloan Doctoral Program. The program is committed to educating scholars who will lead in their fields of research. The purpose of the Management Science doctoral program with Operations Management emphasis is to train individuals in the pursuit of original and high-impact research in the field of operations management. Examples of research areas to which students have contributed include: supply chain design and control, inventory management, production scheduling, product development, design of services, industrial contracting, dynamic pricing, industrial risk management, logistics, manufacturing and supply-chain strategy, and total quality management.

Doctoral students fulfill their coursework and methodology requirements by taking advantage of the more than 150 subjects offered at MIT Sloan—in addition to hundreds more offered across MIT. For additional information, see <http://mitsloan.mit.edu/phd/ar-om.php>.

Prerequisites

Admission to the Doctoral Program is rigorous. See <http://mitsloan.mit.edu/phd/index.php> for details.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and Teaching

Emphasis

Operations/Logistics Management
Scholarly Research
Student-customized Curriculum

Executive Education—Open Enrollment and Customized Seminars

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Open Enrollment)
- Seminars (Customized)

Description

MIT offers a diversity of Executive Education programs, based in several program areas:

- **Sloan School of Management's** offerings range from short-duration seminars to 12-month degree programs. While some programs are open for enrollment, others are customized based on the needs of the client. Additional information on Sloan's Executive Education is at <http://mitsloan.mit.edu/execed/>.
- **MIT Center for Transportation and Logistics (CTL)** offers seminars in logistics, transportation, and supply chain management including the Supply Chain Management for Competitive Advantage program. This annual week-long summer program features a mix of interactive management exercises, business case studies, and thought-provoking lecture/discussion sessions. CTL's programs are listed at http://web.mit.edu/ctl/www/education/ed_execed.html.
- MIT also offers a **Professional Institute** each summer. Through this program, a curriculum of 50–60 programs is available to scientific and technical professionals in the areas of computer sciences, systems, design, materials, control, biotechnology and management. Details are at <http://professional.mit.edu/>.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customer-specific requirements

Emphasis

Supply Chain Management
Logistics Management
Transportation
Customized to organization's needs

Michigan State University

Eli Broad College of Business and Graduate School of Management

Marketing and Supply Chain Management Department

Description

Michigan State University's (MSU) Marketing and Supply Chain Management Department is widely acknowledged by academia and industry as the leader in creating, integrating, and disseminating marketing, procurement, manufacturing, and logistics knowledge. MSU offers excellence in education to executives and Ph.D., MBA, and undergraduate students and an integrated, forward-oriented vision of competition. At the heart of the vision is the integration of customer needs with new product and service development, strategic management of global operations, product and service assortment management, and geographical dispersion. The Department is also home to the IBM On-Demand Supply Chain Laboratory, a research and teaching environment for advanced supply chain modeling and simulation. Additional information can be found at <http://www.bus.msu.edu/msc/> and, in more detail, at http://www.bus.msu.edu/msc/documents/Supply_Chain_Logistics.pdf.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Blanket Waiver recognition by American Society of Transportation and Logistics (ASTL)
- Recognized by Force-Centric Logistics Enterprise (FLE)
- U.S. News and World Report:
 - ◊ Top 50 Graduate Schools of Business (*America's Best Graduate Schools 2005*)
 - ◊ Top 10 Supply Chain/Logistics Specialties (*America's Best Graduate Schools 2004*)
 - ◊ Top 30 Undergraduate Schools of Business (*America's Best Colleges 2004*)
 - ◊ Top 5 Supply Chain/Logistics Specialties (*America's Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
 - ◊ Doctorate
- Certification Program
- Executive Education
- Seminars

Accredited by

North Central Association of Colleges and Schools (NCA–HLC) Higher Learning Commission

Validated

The content of this section was validated by Michigan State University in August 2004.

Michigan State University, Continued

Marketing and Supply Chain Management Department

Robert W. Nason, Department Chair

E-mail address: mslogs@bus.msu.edu

Web sites:

Business: <http://www.bus.msu.edu/msc/>

Course Catalog: <http://www.bus.msu.edu/sitemap.cfm>

Commercial: 517-353-6381

Fax: 517-432-1112

370 North Business Complex

East Lansing, MI 48824-1122

Bachelor of Arts in Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Arts

Description

MSU's Department of Marketing and Supply Chain Management provides undergraduate education in a major in supply chain management that integrates topics from manufacturing operations, purchasing, transportation, and physical distribution into a unified course of study. Instruction is designed to provide an understanding of the concepts necessary for performance in managerial positions as well as entry-level positions in profit, non-profit, and government organizations. Required courses are designed to provide necessary understanding, integration, and skill development, while the specialty courses offer students concept applications to meet varied interests and career paths. In addition, emphasis is placed on broad communication skills, quantitative analysis skills, and integration of concepts covered with other fields of study.

See <http://www.bus.msu.edu/undergrad/majors.cfm?major=supply> for specific degree requirements.

Prerequisites

Applicants must be high school graduates. Degree-seeking students must meet criteria outlined at <http://www.bus.msu.edu/undergrad/admissions.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Acquisition
Leadership/Management
Manufacturing and Operations Management

Master of Science in Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The Master of Science in Logistics is designed for individuals who wish to expand their logistics knowledge but cannot afford to put their careers on hold to participate in a full-time program. It is an innovative blend of in-residency classes (concentrated in two blocks each year) and e-Learning segments.

The program is designed for graduates with any undergraduate degree and a minimum of 3 years related work experience. All students are expected to maintain full-time employment during the program. Two program options are offered: the original 19-month format and an extended 25-month option.

The program develops an understanding of the role that logistics provides in enterprise competitiveness and overall strategy. It also exposes students to leading logistics operating practices, analysis methods, technology applications and strategy development.

More information is available at <http://www.bus.msu.edu/msc/logistics/>.

Prerequisites

Applicants may possess any undergraduate degree and at least 3 years of work in the logistics field. Admission details are available at <http://www.bus.msu.edu/msc/logistics/admission.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Web-based Training

Emphasis

Supply Chain Management and Technology
Logistics Design and Management
Manufacturing Strategy
Procurement/Sourcing
Leadership/Management

Master of Business Administration with Supply Chain Management Concentration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The Broad Master of Business Administration (MBA) with a concentration in Supply Chain Management builds on a student’s prior work experience, the integrated core of the MBA Program, and the world-class faculty of the Department. The objective of the program is to provide the opportunity for students to build their functional, entrepreneurial, analytical, learning, and persuasive capabilities to maximize their flexibility and impact in a dynamically changing global competitive environment.

Each Broad MBA completes core academic requirements and chooses an area of concentration. The remaining courses are electives that can form secondary or sub-concentrations, or be used to survey a wide variety of business offerings. Throughout the curriculum, small, personal classes combining lectures, case studies, team-based education, and first-hand experience encourage students to think strategically across functional boundaries. Additional information, including degree requirements, is available at <http://www.bus.msu.edu/msc/graduate/mba.html>.

Prerequisites

The selection process for full-time Broad MBA Programs is highly competitive. Details about admission can be found at <http://mba.bus.msu.edu/infoadmissions/index.cfm>.

Level

Administrative/Professional
 Managerial
 Executive

Personnel status

Military
 Civilian

Delivery method

Classroom

Training outcomes

College Credit
 Degree Program

Emphasis

Supply Chain Management and Technology
 Logistics Design and Management
 Manufacturing Strategy
 Procurement/Sourcing
 Leadership/Management

Doctoral Program in Marketing and Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

The doctoral program in Marketing and Supply Chain Management is a scholarly and research based program. It prepares students for academic careers in research, teaching, and public service at institutions of higher learning. The program's goal is to provide students with an educational foundation that will enable them to contribute to the marketing and supply chain disciplines through the development, integration, and dissemination of knowledge. Within the Department of Marketing and Supply Chain Management, students may major in either Marketing, Operations Management, or Sourcing Management. Students may also emphasize Logistics Management built on a Marketing or Operations Management major.

More information is available at <http://www.bus.msu.edu/msc/doc/>.

Prerequisites

Admission information is available at <http://www.bus.msu.edu/msc/doc/admissions.html>.

Level

Administrative/Professional
Managerial
Executive

Training outcomes

College Credit
Degree Program

Personnel status

Military
Civilian

Delivery method

Classroom
Research and Teaching

Emphasis

Supply Chain Management
Logistics Design and Management
Scholarly Research

Executive Education—Annual Events and Customized Seminars

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Annual events)
- Seminars (Customized)

Description

Michigan State offers a variety of annual seminars and one-time workshops for executives in the Logistics and Supply Chain field. Some offerings are developmental in nature while others provided current, state-of-the-art information. Each seminar is a 2 to 5-day event. The current schedule is available at <http://www.bus.msu.edu/execed/programs.cfm>.

Annual events include:

- Logistics in Supply Chain Management Executive Seminar
- Purchasing and Supply Chain Management Executive Seminar
- Operations and Supply Chain Management Executive Seminar
- Broad Executive Seminar

All four of these executive seminars are offered in full or customized versions for specific companies or groups.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom
Workshop

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customer-specific requirements

Emphasis

Supply Chain Management
Logistics Management
Acquisition
Operations Management
Customized to organization's needs

Northwestern University

Description

The transportation and logistics management programs offered by Northwestern cross departmental lines and integrate real-world experiences. Management and executive issues are handled at the Kellogg School of Management (<http://www.kellogg.northwestern.edu>), while supply chain engineering falls to the McCormick School of Engineering and Applied Science (<http://www.mccormick.northwestern.edu>). With the added value of research and networking offered by the Transportation Center (<http://transportation.northwestern.edu>), Northwestern is without peer for students seeking careers in the transportation industries, in the logistics and supply chain functions of manufacturing and retailing businesses, or with management consulting firms practicing in related fields.

Transportation and logistics management classes are built around close relationships with the Transportation Center, which is located literally right across the street. The Center draws faculty from multiple engineering and management disciplines, conducts research in transportation operations and policies for private businesses and government sponsors, and offers programs of executive training in transportation and logistics.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- U.S. News and World Report:
 - ◊ “Top 50 Graduate Schools of Business” (*America’s Best Graduate Schools 2005*)
 - ◊ “Top 10 Supply Chain/Logistics Specialties” (*America’s Best Graduate Schools 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
- Certificate
- Executive Education
- Seminars

Accredited by

North Central Association of Colleges and Schools (NCA–HLC) Higher Learning Commission

Transportation and Logistics Management Programs

Robert E. Gallamore, Program Director

Contact at the Transportation Center: Diana Marek, d-marek@northwestern.edu

Web sites:

Transportation Center: <http://www.transportation.northwestern.edu>
Kellogg School of Management: <http://www.kellogg.northwestern.edu>
McCormick School of Engineering and Applied Science:
<http://www.mccormick.northwestern.edu>

Commercial: 847–491–7287

Fax: 847–491–3090

2001 Sheridan Road

Evanston, IL 60208

Undergraduate Minor in Transportation and Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor

Description

Northwestern's Transportation and Logistics Program offers a minor that is available to all undergraduate students.

The study of transportation and logistics is inherently interdisciplinary, reaching across disciplines, schools, and departments. For more than 40 years, Northwestern has offered relevant courses through the Engineering, Management Sciences, and Economics departments. This minor now offers undergraduate students the opportunity to obtain a more rounded education in transportation and logistics compared with that offered within their selected major program of study.

See <http://www.transportation.northwestern.edu/academic/ugradMinor.html> for more information.

Prerequisites

Applicants must be high school graduates. Additional undergraduate admissions requirements are available at <http://www.northwestern.edu/admissions/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Academic minor

Delivery method

Classroom

Emphasis

Logistics Management
Transportation
Economics and Supply Chains

Masters Degree Programs Related to Transportation and Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

Kellogg School of Management and McCormick School of Engineering and Applied Sciences both offer a range of advanced degree programs that are related to transportation and logistics management. Because of their strong ties to the Transportation Center, post-graduate students obtain a broad-based, flexible education through a combination of theoretical and practical courses.

The Transportation Center lists closely related graduate programs, including links to detailed information, at <http://transportation.northwestern.edu/academic/gradPrograms.html>. As of this catalog revision, the options include:

- Master of Management in Transportation and Logistics (Kellogg)—being phased out
- Master of Science in Civil Engineering—Transportation (McCormick)
- Master of Management in Manufacturing (Kellogg)
- Master of Engineering Management (McCormick)
- Master of Science in Industrial Engineering (McCormick)

For many of these programs, full- and part-time options are available.

Prerequisites

Admission information is specific to the degree chosen. Prospective student information for Kellogg is at <http://www.kellogg.northwestern.edu/prospective> and for McCormick at <http://www.mccormick.northwestern.edu/graduate/prospective.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Transportation
Logistics and Supply Chain Management
Civil Engineering
Leadership/Management

Executive Education—Open Enrollment and Customized Seminars

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Open Enrollment)
- Seminars (Customized)

Description

For more than 50 years, the Kellogg School of Management's non-degreed Executive Education Programs have aided middle- to senior-level executives in accomplishing their objectives.

With both open enrollment and customized seminars, their programs combine theory-driven knowledge with the strategies for implementing them. Cases and study groups are a core part of our instructional methodology, and Kellogg builds both formal and informal learning into the curriculum. The goal is to develop critical-thinking and analytical skills to help participants approach business challenges with a fresh and energetic perspective.

Together with the Transportation Center, Kellogg is able to tailor workshops and seminars from 1 day to 1 week in duration on selected transportation and business topics. In fact, custom programs represent 40 percent of Kellogg's business in executive education.

Visit <http://www.kellogg.northwestern.edu/execed/index.htm> for information about open enrollment programs including supply chain management. Most related seminars fall under the Technology and Manufacturing category. A series of transportation-specific seminars is also offered by the Transportation Center. Links from <http://transportation.northwestern.edu> provide more information.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom
Workshop

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customer-specific requirements

Emphasis

Transportation
Logistics and Supply Chain Management
Customized to organization's needs

Certificate Program—Executive Scholars Program: Certificate of Professional Achievement in Operations, Supply Chain and Technology Management

End-to-End	Supply	Distribution	Transportation

Training types

- Certificate
- Executive Education

Description

Kellogg Executive Scholars are awarded Certificates of Professional Achievement after successful completion of four open-enrollment executive programs at the Kellogg School, including one required program and three electives from any remaining programs in your chosen category. The certificate track in Operations, Supply Chain and Technology Management includes distribution, transportation, and supply chain options.

The required course for this track is called Manufacturing Management Week and includes two open-enrollment offerings: Factory Physics: The Science of Lean Manufacturing and Global Supply Chain Management. Of the eight optional seminars, three are particularly relevant to our business: Market Access Strategies: Leveraging Your Channels of Distribution; Leveraging Financial Information for Supply Chain Optimization; and Creating and Managing Strategic Alliances.

For more information on certificate programs, e-mail scholars@kellogg.northwestern.edu, visit the Web site at <http://www.kellogg.northwestern.edu/execed/Scholar/index.htm>, or call 847-467-7003.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Certification

Delivery method

Classroom

Professional Status

Council of Supply Chain Management Professionals (CSCMP) partnership

Emphasis

Supply Chain Management
Leadership/Management

Distribution/Transportation

Ohio State University
Fisher College of Business
Department of Marketing and Logistics

Description

At Ohio State University (OSU) Fisher College of Business, the Department of Marketing and Logistics offers majors in marketing and logistics in the undergraduate and doctoral programs and an operations/logistics management major (with management science) in the master of business administration (MBA) program. More information about the department is located at <http://fisher.osu.edu/marketing/index.html>.

The department also houses two research centers. The Global Supply Chain Forum provides the opportunity for leading practitioners and academics to pursue critical issues related to customer satisfaction and operational excellence independent of specific functional expertise. The Supply Chain Management Research Group conducts relevant business research focused on increasing knowledge in the public domain in the form of working papers, presentations, and publications.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- U.S. News and World Report:
 - ◊ “Top 50 Graduate Schools of Business” (*America’s Best Graduate Schools 2005*)
 - ◊ “Top 10 Supply Chain/Logistics Specialties” (*America’s Best Graduate Schools 2004*)
 - ◊ “Top 30 Undergraduate Schools of Business” (*America’s Best Colleges 2004*)
 - ◊ “Top 5 Supply Chain/Logistics Specialties” (*America’s Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
 - ◊ Doctorate
- Executive Education
- Seminars

Accredited by

North Central Association of Colleges and Schools (NCA–HLC) Higher Learning Commission

Marketing and Logistics Department

Robert E. Burnkrant, Department Chair

E-mail address: fishergrad@cob.osu.edu

Web sites:

Business: <http://fisher.osu.edu/marketing/index.html>

Course Catalog: <http://fisher.osu.edu/marketing/courses/descriptions.htm>

614–292–9695

Suite 500, Fisher Hall

2100 Neil Avenue

Columbus, OH 43210–1144

Bachelor of Science in Business Administration with Specialization in Transportation and Logistics Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

The Fisher College undergraduate program is designed to develop effective skills of analysis, strategic thinking, and communication—crucial tools for a successful career. The principal focus of the Specialization in Transportation and Logistics Management is the management and design of systems to move goods and people. Primary emphasis is placed on understanding how transportation, inventory management, warehousing, materials handling, purchasing, communications systems, and facility location must be coordinated in order to enable firms to minimize the costs of obtaining supplies of materials for their own use and to meet their customers' service requirements.

More information on the undergraduate degree program, including core course requirements, can be found at <http://fisher.osu.edu/programs/undergraduate/academics>. Detailed course requirements for the transportation and logistics specialty can be reached by linking from <http://fisher.osu.edu/programs/undergraduate/academics/specializations>.

Prerequisites

Applicants must be high school graduates. Admission to Fisher College of Business is very competitive. See <http://fisher.osu.edu/prospective/undergraduate/admissions/> for more information.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Business Administration Core
Marketing

Master of Business Administration in Operations and Logistics Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The joint Operations and Logistics Management (OLM) major at OSU is widely recognized as one of the best in the country. By assuming a combined operations/logistics perspective, the program focuses on how the total flow of all goods within and between firms can be effectively and efficiently managed. This integrated focus mirrors the approach that successful firms are using to manage their business.

The aim of the OLM major is to develop successful managers who clearly understand the interrelated nature of procurement, production, and distribution activities in order to be able to make intelligent trade-offs in terms of cost, responsiveness, flexibility, and customer service. The curriculum provides an appropriate blend of theory and principles, tools and techniques, and hands-on experience that will equip the student to deal with the challenges of management in this quickly evolving field. These goals are met through the use of lectures, case analyses, computer-based exercises, executive guest lecturers, on-site visits, and field study projects. See http://fisher.osu.edu/mba/curriculum/majors_minors/operat_major.html for more information.

Prerequisites

Fisher intentionally limits its incoming full-time MBA classes to 150 students. Admissions information can be found at <http://fisher.osu.edu/prospective/graduate/mba/admissions>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Design and Management
Manufacturing/Operations Management
Leadership/Management
Process Integration

Doctoral Program in Business Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

The doctoral programs at OSU build on a tradition of excellence in scholarship within the Fisher College of Business—a tradition that provides participants with perspective, expertise, and skills necessary to reshape the business world.

The greatest strength of the program is their top faculty, along with the emphasis on research and teaching. In addition, the facilities and resources on the OSU campus enhance the doctoral experience. Another strength is OSU's proximity to the corporate headquarters of a variety of businesses within the technology, service, and manufacturing sectors. Involvement with the business community in Columbus offers extensive access to research sites and senior executives.

Details are available via links from <http://fisher.osu.edu/marketing/programs/programs.htm>.

Prerequisites

The Fisher College strategically manages the size of its doctoral program through careful analysis of market and budgetary conditions and other factors. They match national demand for doctoral student graduates and focus on a commitment to program quality. Additional information is available at <http://fisher.osu.edu/phd/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and Teaching

Emphasis

Supply Chain Management
Logistics Design and Management
Scholarly Research and Teaching

Executive Education—Open Enrollment and Customized Seminars in Logistics

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Open Enrollment)
- Seminars (Customized)

Description

Executive Development Programs are available, either by custom design or for open enrollment. Examples of recent logistics-oriented offerings include:

- **Logistics Management Program**—Integrated logistics systems that provide critical linkages between suppliers and customers have changed logistics from a low priority on the corporate agenda to a key competitive variable. This program contains comprehensive coverage of the elements that form the building blocks of a successful logistics operation.
- **Measuring Performance in the Supply Chain**—Managers continue to pursue supply chain metrics as a means to increase their "line of sight" over areas they do not directly control but have a direct impact on their company's performance. This program provides a framework for developing supply chain metrics that translates performance into shareholder value.
- **Supply Chain Management Program**—Supply chain management is the integration of key business processes from end user through original suppliers, which provides products, services, and information that add value for customers and other stakeholders. The focus of this seminar is on the core processes that must be linked throughout the supply chain.

Executive Programs, in general, are addressed at <http://fisher.osu.edu/exec/programs.htm>. Logistics-specific programs are detailed at http://fisher.osu.edu/marketing/news/exec_ed.htm. Unique situations sometimes require customized solutions. Information on customized programs is at <http://fisher.osu.edu/exec/custom/index.htm>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customer-specific requirements

Emphasis

Supply Chain and Logistics Management
Customized to organization's needs

Pennsylvania State University

Smeal College of Business

Department of Supply Chain and Information Systems

Description

Supply Chain and Information Systems (SC&IS) is the boundary-spanning field of study of supply chain networks, which organizations use to acquire, produce, and deliver goods and services all over the world. The Penn State program integrates source (strategic procurement and supply management), make (manufacturing and service operations), deliver (demand fulfillment), and return (reverse logistics, recycle, and remanufacture) processes, along with information systems as the critical enabler of supply chain efficiencies and responsiveness. These core processes span traditional functional boundaries and encompass important activities such as information management; purchasing; inventory flow scheduling and control; logistics-production coordination; transportation systems operation and infrastructure; and customer service, order fulfillment, and distribution facilities management.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Blanket Waiver recognition by American Society of Transportation and Logistics (ASTL)
- U.S. Army Logistics Management Proponency Office (LOGPRO) partner
- Recognized by Force-Centric Logistics Enterprise (FLE)
- Defense Acquisition University (DAU) partner
- U.S. News and World Report:
 - ◊ “Top 50 Graduate Schools of Business” (*America’s Best Graduate Schools 2005*)
 - ◊ “Top 10 Supply Chain/Logistics Specialties” (*America’s Best Graduate Schools 2004*)
 - ◊ “Top 30 Undergraduate Schools of Business” (*America’s Best Colleges 2004*)
 - ◊ “Top 5 Supply Chain/Logistics Specialties” (*America’s Best Colleges 2004*)

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
 - ◊ Doctorate
- Certification Program
- Executive Education
- Seminars

Accredited by

Middle States Association of Colleges and Schools (MSA) Commission on Higher Education

Validated

The content of this section was validated by Penn State University in September 2004.

Pennsylvania State University, Continued

Department of Supply Chain and Information Systems

John Tyworth, Department Chair

E-mail address: scis@smeal.psu.edu

Web site: <http://www.smeal.psu.edu/scis/index.html>

Commercial: 814-865-1866

Fax: 814-863-7067

509 Business Administration Building I

University Park, PA 16802-3008

Bachelor of Science in Supply Chain and Information Systems

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

The Supply Chain and Information Systems (SC&IS) major not only integrates Smeal's highly ranked programs in business logistics and operations management, but also is the first of its kind to formally include the information systems component. This field of study concentrates on the management of the supply chain networks that modern business enterprises use to acquire, produce, and deliver goods and services all over the world and on information technology as the key enabler of supply chain integration. Students majoring in SC&IS will develop skills in information processing, databases, system design and analysis, modeling methods and technologies, and financial analysis of supply chain decisions.

In SC&IS, students complete foundation and core business courses prior to taking major and related business courses in prescribed order. Along with this complement of business course work is a strong foundation in general studies and international cultures and languages. The major field coursework includes Demand Fulfillment; Manufacturing and Service Strategies; Strategic Procurement; Supply Chain Modeling and Analysis; Information Technology in Supply Chains; Design and Management of Supply Chains.

Additional information is available at <http://www.smeal.psu.edu/uprog/scis.html>.

Prerequisites

Applicants must be high school graduates. Full admission requirements are at <http://www.psu.edu/admissions/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Acquisition
Quality Management
Leadership/Management
Information Technology

Master of Business Administration (Supply Chain Management Emphasis)

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

Penn State Masters of Business Administration (MBAs) are equipped with a unique perspective on the structural changes affecting business today and tomorrow. They learn how the convergence of economies, industries, competitors, corporate structures, processes, and information technology is changing— coming together, realigning, altering competitive advantage, and impacting corporate survival. Confident leaders also need the ability to influence, persuade, and motivate others toward success. Penn State’s leadership communication program is a core element of an MBA education and provides students with valuable presentation, team-building, and conflict resolution skills.

In the full-time MBA program, Penn State has taken the typical semester and carved it into three periods consisting of 7 weeks, 1 week, and 7 weeks, thereby enabling different courses to be offered in each of the modules. Courses in the Smeal MBA Program are taught within this 7–1–7 modular format. More details are at <http://www.smeal.psu.edu/mba/supply.html> (Supply Chain portfolio specialty) and <http://www.smeal.psu.edu/mba/index.html> (general full-time MBA information).

Prerequisites

Applicants must have a bachelor’s degree and a record of full-time work experience. Complete admission requirements are at <http://www.smeal.psu.edu/mba/apply.html>.

Level

Administrative/Professional
 Managerial
 Executive

Personnel status

Military
 Civilian

Training outcomes

College Credit
 Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
 Logistics Management
 Acquisition
 Quality Management
 Leadership/Management
 Information Technology

Doctoral Program in Supply Chain and Information Systems

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

The goal of the Supply Chain and Information Systems (SC&IS) doctoral program is to develop outstanding scholars who will pursue distinguished careers in research and teaching at quality research-oriented universities. SC&IS is a boundary-spanning primary field, which includes procurement management; inventory flow scheduling and control; logistics-production coordination; transportation systems operation and infrastructure; customer service and order fulfillment (including e-Business) systems; distribution facilities management; information management requirements; cash flow interrelationships; reverse logistics; government regulatory and promotional impacts on supply chain processes; and strategic and organizational alternatives for management of supply chain processes.

From an interdisciplinary perspective, the diversity of processes within SC&IS provides abundant opportunities for the application of a broad array of research methods in complementary fields, such as statistics; operations research; industrial engineering; economics; financial management; risk management; and civil engineering. Detailed information is available at <http://www.smeal.psu.edu/phd/scis.html>.

Prerequisites

Admission to the SC&IS doctoral program is highly competitive. More information is available at <http://www.smeal.psu.edu/phd/require.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and Teaching

Emphasis

Supply Chain Management
Logistics Design and Management
Information Systems
Scholarly Research

Executive Education—Designing and Leading Competitive Supply Chains

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

To support continuous development throughout the executive career life cycle, Penn State Executive Programs created a 4-step model. Each step is focused on the core competencies that lead to supply chain excellence. This program is fourth in the series; the other three are included in the Managing Effective Supply Chains Certification Program.

Designing and Leading Competitive Supply Chains is intended for upper-middle and senior-level executives responsible for the development and management of logistics and supply processes strategy. Faculty members present the most current methodologies and research as well as world-class experience in supply chain practices.

The program also includes project work where participants create a personal solution framework for priority issues or challenges they face within the organization. Participants work with learning tools in both group discussion and reflection sessions specially created to build strategic bridges between content and applicability. Participants leave with a concrete process for turning new vision into organizational direction and results.

More information can be found at: <http://www.smeal.psu.edu/psep/dlsc.html> (program) and <http://www.smeal.psu.edu/psep/topic.html> (scheduling).

Level

Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

State-of-the-business updates
Executive-level skills

Delivery method

Classroom
Projects

Professional status

Council of Supply Chain Management
Professionals (CSCMP) partnership

Emphasis

Supply Chain Design/Implementation
Strategic Imperatives
Global Issues
Cost Management

Executive Education—Seminars/Certification in Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training types

- Certificate
- Executive Education
- Seminar

Description

This certification program is a joint venture with the Center for Supply Chain Research and is co-sponsored by the Council for Supply Chain Management Professionals (CSCMP). Participants who complete all three courses in the Managing Effective Supply Chains series earn a Certificate in Supply Chain Management signifying commitment to mastery of global of supply chain knowledge.

The program's 4-step model is intended to support continuous development throughout the executive career life cycle. Each seminar represents a step focusing on core competencies leading to supply chain excellence. The first three seminars (listed below) are included in the certification program. Scheduling information is at <http://www.smeal.psu.edu/psep/topic.html>.

- **Managing Effective Supply Chains: Essentials of Supply Chain Management** (<http://www.smeal.psu.edu/psep/mesc1.html>) covers topics for building maximum efficiency through better reporting and measurement systems.
- **Managing Effective Supply Chains: Tools for Supply Chain Success** (<http://www.smeal.psu.edu/psep/mesc2.html>) covers the latest technology and methods for defining, analyzing, making recommendations for performance improvements.
- **Managing Effective Supply Chains: Achieving Supply Chain Transformation** (<http://www.smeal.psu.edu/psep/mesc3.html>) is the capstone program that provides upper-level managers with processes for leading and implementing change and building organizational alignment.

Because it is not included in the certificate series, the fourth step seminar (**Designing and Leading Competitive Supply Chains**) is listed separately.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Certification
Executive-level skills

Delivery method

Classroom
Projects

Professional status

Council of Supply Chain Management Professionals (CSCMP) partnership

Emphasis

Supply Chain Management
Logistics Management

Executive Education and Seminars—Customized Professional Development

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

Penn State offers a portfolio of programs that foster growth and success, including custom programs for organizations and executives. Based on continuing research in organizational effectiveness, business-to-business marketing, supply chain management, and e-Business, faculty members present concepts that affect today's marketplace and illustrate the real-world use of them in various companies around the globe. Through project work and other learning tools, participants apply these concepts to their personal situations in their organization, leaving with a concrete process for turning new vision into organizational direction. For maximum impact, consulting services are available after the program to ensure the action plan translates into long-term business results.

More information is available at <http://www.smeal.psu.edu/psep/index.html> or by e-mail at psep@psu.edu.

Level

Administrative/Professional
 Managerial
 Executive

Personnel status

Military
 Civilian

Training outcomes

Seminars and courses customized to meet customer-specific requirements

Delivery method

Classroom

Emphasis

Supply Chain Management
 Logistics Management
 Customized to organization's needs

On-line Certificate and Courses in Supply Chain and Information Systems

End-to-End	Supply	Distribution	Transportation

Training type

- Executive Education
- Certificate (Graduate)
- Courses (Undergraduate)

Description

The need and demand for lifelong learning are now well established in most professions, including supply chain and logistics management. The challenge for many professionals is gaining access to high quality education delivered with enough flexibility to allow individuals to remain in their current employment and homes. Responding to this challenge, Penn State offers an on-line Graduate Certificate in Supply Chain Management. The program is intended for individuals with little or no recent formal education in either logistics or supply chain management. The certificate consists of four 3-credit courses that emphasize the application of supply chain management principles and analysis tools to strategic problems and decision making. The courses are designed on a collaborative, problem-based learning format that emphasizes interaction and collaboration among students. Students are not required to log onto courses at a specific time of the day or week; discussion and written assignments are completed within defined blocks of time, allowing students that travel regularly or for extended periods to remain current in course assignments. Courses are cohort-based, 13 weeks in length, and offered three times per year beginning in September, January, and May. Please see <http://www.worldcampus.psu.edu/pub/bloggrad/index.shtml> for more information.

Penn State also offers two on-line undergraduate logistics courses for individuals not meeting the graduate certificate admission requirements. The first course, BLOG 301, provides students with thorough coverage of supply chain logistics management principles and basic analysis tools. The second course, BLOG 415, emphasizes the study of procurement/supply management strategies designed to support synchronized supply chains. For more details, please see http://tango.outreach.psu.edu/tango/DE/DEcatalog_2000.taf?function=advsearch.

Prerequisites

To enroll in the graduate certificate program, an individual must have a baccalaureate degree in business, engineering, economics, information sciences, or a related field. Complete admission information about graduate certificates in supply chain and information systems is at <http://www.worldcampus.psu.edu/wc/SupplyChainInformationSystemsCertificate.shtml>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Certification
State-of-the-art Information

Delivery method

Instructor-Led Internet

Emphasis

Logistics and Supply Chain Management

Army Logistics Transformation Agency Program: Logistics Transformation Management—Developing and Accelerating Logistics Change

End-to-End	Supply	Distribution	Transportation

Training type

Executive Education

Description

The U.S. Army Logistics Transformation Agency, in partnership with the Pennsylvania State University, offers a four day program three times per year targeted at intermediate level civilian and military logisticians who are actively involved in the logistics transformation efforts within the DOD. Attendance is targeted to Army logisticians but is open to all to encourage a joint perspective on transformation. Attendees are challenged to drive change. They are exposed to industry and military leaders who are charged with transformation. Key areas like change management, organizational leadership, measures for success, and actionable items for logistics transformation are discussed. Program Directors will emphasize both leadership development and logistics and supply chain management.

Students who attend this course and two other Penn State open enrollment courses in the “Managing Effective Supply Chains” series will receive a certificate from the Center for Supply Chain Research. For more information, contact William.Koenig@hqda.army.mil or visit <http://www.smeal.psu.edu/psep/milcert.html>.

Level

Administrative/Professional
Managerial

Personnel status

Military—E-6 and E-7, O-4 and O-5
Civilian—GS-12 and above

Training outcomes

Course Credit

Delivery method

Classroom
Break-out Groups
Facilitated Discussion

Professional status

U.S. Army partnership

Emphasis

Supply Chain Management
Logistics Transformation Issues
Change Leadership

Marine Corps Logistics Education Program

End-to-End	Supply	Distribution	Transportation

Training type

Executive Education

Description

The U.S. Marine Corps, in partnership with the Pennsylvania State University, announces development and start of the Marine Corps Logistics Education Program (MCLEP). MCLEP is an intermediate level course offered by Penn State University to educate Marine Corps military and civilian logisticians on commercial logistics related disciplines. The course is designed to familiarize Marine Corps logisticians with "cutting edge" civilian industry best practices and provide a commercial orientation for our Marines assigned to acquisition, life cycle management, and depot rebuilds. MCLEP introduces students to new and innovative commercial logistics concepts and processes that can be incorporated into Marine Corps logistics across the full spectrum of conflict.

The 2-week curriculum focuses on the following logistics disciplines: transportation and distribution, finance, supply chain management, information technology, inventory management, and comprehensive case study analysis. For more information see <http://www.smeal.psu.edu/psep/mclep.html>.

Level

Administrative/Professional
Managerial

Personnel status

Military—E-6 and E-7, O-4 and O-5
Civilian—GS-9 and above

Training outcomes

Course Credit

Delivery method

Classroom

Professional status

U.S. Marine Corps partnership

Emphasis

Supply Chain Management
Logistics Management
Leadership/Management

Portland State University

School of Business Administration

Department Supply and Logistics Management

Description

Portland State University's undergraduate program in business administration adheres to the principle that in a free society the business enterprise must be responsibly and efficiently managed. The undergraduate program is designed to provide students with a broad understanding of business and to equip them with the dynamic skills required to work successfully in a complex and changing global environment. Special emphasis options are available to prepare students for positions in accounting, management, supply and logistics management, information systems, etc. The Supply and Logistics Management option is designed to provide the student with an interdisciplinary foundation in supply and logistics management in preparation for careers in purchasing, industrial distribution, logistics, transportation, and operations.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Recognized by Force-Centric Logistics Enterprise (FLE)

Training type

Degree—Bachelor

Accredited by

Northwest Commission on Colleges and Universities (NWCCU)

Department Supply and Logistics Management

Dr. Lee Buddress, C.P.M.

E-mail address: leeb@sba.pdx.edu.

Web sites:

Business: <http://www.sba.pdx.edu/programs/undergraduate/current/slm.html>

Course Catalog: <http://www.pdx.edu/registration/bulletin.html>

Commercial: 503-725-3000

Fax: 503-725-4499

P.O. Box 751

Portland, OR 97207-0751

Bachelor of Science in Supply and Logistics Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

The Supply and Logistics Management option is designed to provide the student with an interdisciplinary foundation in supply and logistics management in preparation for careers in purchasing, industrial distribution, logistics, transportation, and operations management.

Supply and Logistics Management (SLM) is about making things happen. SLM is the study of those disciplines concerned with the operation of a firm from the receipt of an order to the delivery of the finished product or service to the customer. Topics include supply chain management, inventory management and warehousing, operations and production management, and logistics and distribution.

See <http://www.sba.pdx.edu/programs/undergraduate/current/slm.html> for specific degree requirements.

Prerequisites

Applicants must be high school graduates. Degree-seeking students must meet criteria outlined at <http://www.pdx.edu/admissions/undergrad.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Transportation and Logistics Management
Purchasing and Supply Chain Management
Integrated Supply and Logistics Management
Process Control and Improvement

Purdue University

Krannert School of Management

Operations Management Department

Description

Krannert School of Management at Purdue University offers logistics and supply chain-related degree programs in its Operations Management Department. By Krannert's definition: "The 'operations' function of any organization does what the organization is 'in business' to do. If the organization is a manufacturing company, then 'operations' manufactures the products. If the organization is a service provider, then "operations" provides the services." The studies' topics include, but are not limited to: forecasting, capacity planning, production planning, advanced production scheduling, total quality management, and supply-chain management. Visit http://www.mgmt.purdue.edu/academics/operations/OM_home.asp for more information about the Operations Management Department.

The Krannert Bachelor's degree is foundational and does not offer a specific emphasis in logistics or supply-chains. It includes various management functions of finance, production, marketing, human resources, strategic planning, and related areas. Advanced degrees and Executive Programs provide in-depth study with directly related specializations.

Acknowledgements

- U.S. News and World Report:
 - ◊ "Top 50 Graduate Schools of Business" (*America's Best Graduate Schools 2005*)
 - ◊ "Top 10 Supply Chain/Logistics Specialties" (*America's Best Graduate Schools 2004*)
 - ◊ "Top 30 Undergraduate Schools of Business" (*America's Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business School Rankings—Top 50

Training types

- Degrees
 - ◊ Master
 - ◊ Doctorate
- Executive Education
- Seminars

Accredited by

North Central Association of Colleges and Schools (NCA-HLC) Higher Learning Commission

Operations Management

E-mail address: webmaster@krannert.purdue.edu

Web sites:

Business: <http://www.mgmt.purdue.edu/departments/home.asp>

Commercial: 765-494-9700

Fax: 765-494-9658

403 West State Street

West Lafayette, IN 47907-2056

Master of Business Administration with Operations Management Option

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The Krannert Master of Business Administration (MBA) program is a 2-year, 60-credit program consisting of core courses in all the functional areas of management. Specializations and customized focus are encouraged through a variety of option areas, including operations management.

The Operations Management Option (major) is designed to prepare students to be leaders in their operations management careers. The operations option area is designed to provide a comprehensive approach to operations management that combines quantitative techniques with managerial insight. Students electing the option have a variety of choices. They may design their own program from the list of courses, or they may choose an existing track. One of the existing tracks is Supply Chain Management. Click on the Masters Option link in the left column menu at http://www.mgmt.purdue.edu/academics/operations/OM_home.asp for more information.

Prerequisites

Admission to the Krannert full-time MBA program is competitive. Additional information can be found at <http://www.mgmt.purdue.edu/programs/masters/admissions/home.asp>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain and Logistics Management
e-Commerce/International Issues
Manufacturing/Operations Management
Sourcing and Procurement Management
Leadership/Management

Doctoral Program in Management with Operations Management Specialization

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

The Krannert Doctoral Programs offer a combination of faculty expertise, size, and opportunities for advanced research and interdisciplinary study. Typically doctoral students collaborate with faculty members in designing their programs of study. The specialization in Operations Management is designed to achieve two goals: First, to help each student develop into a first-class researcher; and second, to help each student develop skills in teaching operations management.

While course work is an important component of the learning process, much learning takes place outside classroom time in self-directed study and in interactions with other students and faculty. Ultimately a successful graduate student must make the transition from acquiring knowledge to creating knowledge. During this learning process, the faculty serves not only as mentor but also as colleague.

More detailed information can be found by clicking on the “PhD Options” link in the menu at <http://www.mgmt.purdue.edu/programs/phd/home.asp>. Additional information about the overall Krannert Ph.D. Program is also available via links at this site.

Prerequisites

Applicants should have a solid background in engineering, applied mathematics, and/or operations research. Work experience in operations management is very desirable. See http://www.mgmt.purdue.edu/programs/phd/degree_programs/Intro_to_Operations.asp for detailed information.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and Teaching

Emphasis

Mathematics and Statistical Methods
Operations Management
Scholarly Research

Executive Education and Seminars—Customized Professional Development

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

Customized Krannert Executive Education Program (KEEP) seminars are taught by Purdue's world-class faculty and feature much of the same content that drives the school's internationally ranked executive master's degree programs. The programs are designed to be convenient, accessible, and targeted to suit the educational needs of individual organizations. They may be arranged in series to reflect strategic partnerships of learning and provide an informational continuum.

More information on KEEP programs is available from keepinfo@mgmt.purdue.edu or on the web at <http://www2.mgmt.purdue.edu/info/non-degree/cpseries.html>.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

Seminars and courses customized to meet customer-specific requirements

Emphasis

Customized to organization's needs

Stanford University

Graduate School of Business

Description

The Stanford Graduate School of Business has built an international reputation based on an MBA Program designed to educate business leaders, a doctoral program, the 1-year Stanford Sloan Master's Program for mid-career managers, executive education courses for experienced managers, and a vigorous faculty research program. At Stanford, there are four critical components to a complete general management education: leadership, entrepreneurship, global awareness, and social accountability.

Although courses exist in humanities and engineering departments, the university does not offer an undergraduate degree with specific emphasis in logistics or supply chains. The strength of Stanford's supply chain program is in advanced degrees and executive education programs. The Stanford Global Supply Chain Management Forum, a partnership between industry, the School of Engineering, and Graduate School of Business, is a leading research institute in advancing the theory and practice of excellence in global supply chain management. The Forum is actively engaged with a broad cross-section of leading and emerging industries to identify, document, research, develop, and disseminate best practices in a dynamic and increasingly global economic business environment. More information about the Forum is at <http://www.stanford.edu/group/scforum/>.

Visit <http://www.gsb.stanford.edu/academics/students.html> for information directed toward prospective students.

Acknowledgements

- U.S. News and World Report:
 - ◊ "Top 50 Graduate Schools of Business" (*America's Best Graduate Schools 2005*)
 - ◊ "Top 10 Supply Chain/Logistics Specialties" (*America's Best Graduate Schools 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business School Rankings—Top 50

Training types

- Degrees
 - ◊ Master
 - ◊ Doctorate
- Executive Education
- Seminars

Accredited by

Western Association of Schools and Colleges (WASC–ACSCU) Accrediting Commission for Senior Colleges and Universities

Stanford Graduate School of Business

Web site: <http://www.gsb.stanford.edu/>

Telephone: 650–723–2146

518 Memorial Way

Stanford, CA 94305–5015

Master of Business Administration (Operations and Information Technology focus)

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

Stanford Graduate School of Business offers a 2-year Master of Business Administration (MBA) program with three quarters of study each year—a total of six quarters of study. The program is divided into two parts: the core (taken in the first year) and electives (taken primarily in the second year).

Because Stanford believes in a general management perspective, MBA students are not required to major in specific academic disciplines. Students may choose to focus on areas of professional and personal interest, including the Operations and Information Technology (OIT) area. OIT offerings include supply chain and commerce courses and can be viewed at http://www.gsb.stanford.edu/mba/learning/curriculum/elect_infoTech.html.

Coverage of the MBA program begins at <http://www.gsb.stanford.edu/mba/default.asp>.

Prerequisites

Admission to Stanford's full-time MBA program is very competitive. Additional information can be found at <http://www.gsb.stanford.edu/apply/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Business Management Core
Supply Chain and Networks
e-Commerce/Technology

Doctoral Program in Operations, Information, and Technology

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

Stanford offers a Doctorate degree for those seeking academic research and teaching careers in the study of management. In the Operations, Information, and Technology (OIT) field, the focus is on technological systems. OIT concentrates on the coordinated function of technology, people, and operating procedures in the execution of ongoing tasks. Doctoral program information begins at <http://www.gsb.stanford.edu/phd/>.

All levels of managerial decision making, from systems design and technology choice to day-to-day scheduling and performance measurement, are subjects of research in OIT. Examples of technological systems include manufacturing networks, supply chains, information processing systems, automated securities exchanges, and structured product development systems. Technological systems are studied primarily through mathematical models, either descriptive or normative. Field studies and empirical analyses are also conducted to test those models and to guide further theoretical work. More detailed information about the OIT focus is at <http://www.gsb.stanford.edu/phd/fields/oit/index.html>.

Prerequisites

Each year Stanford's Graduate School of Business enrolls approximately 25 outstanding students into their Doctoral programs. Students in the OIT program typically have had substantial preparation in mathematics (advanced calculus, linear algebra, real analysis, and probability). See <http://www.gsb.stanford.edu/phd/admissions/> for additional admissions information.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and Teaching

Emphasis

Mathematics and Statistical Methods
Operations Management
Supply Chain and Networks
Scholarly research

Executive Education

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminar

Description

The Graduate School of Business Executive Education programs provide research-based, globally relevant frameworks for addressing the issues senior executives face every day. They craft each executive program to provide the tools needed to solve the challenges faced today, and more importantly, the ones of tomorrow.

Each highly interactive executive program offers an intensive, residential learning experience where participants explore leading-edge management concepts, test ideas against peers and the world's leading business faculty, challenge assumptions, and ultimately leave with an in-depth understanding of critical issues. More information about Executive Education can be found at <http://www.gsb.stanford.edu/exed/index.html>.

One of the ongoing Executive Education programs is the Breakfast Briefings series. Breakfast Briefings is a distinguished speaker series designed for the academic, business, and technology communities. The speakers are industry leaders, tenured faculty from Stanford University, and other academicians who specialize in current management topics. Schedules and topics are available at <http://breakfastbriefings.stanford.edu/>.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

State-of-the-business updates
Executive-level information

Emphasis

Selection of topics

Stevens Institute of Technology

Description

Founded in 1870 in Hoboken, NJ, Stevens Institute of Technology is one of the leading technological universities in the country. It offers bachelors, masters and doctoral degrees. Stevens seeks to develop its graduates as leaders who possess the skills and insight needed to renew American innovation, competitive spirit, and productivity.

The Department of Mathematical Sciences offers a stochastic analysis track that relates, on a high level, to the business of logistics and supply chains. The stochastic approach involves “making optimal business decisions in the presence of uncertainty about important parameters.”

Stevens Institute of Technology's online university, WebCampus.Stevens, has won the Nation's top award for best "Institution-Wide Online Teaching and Learning Programming." The award was announced by the Sloan Consortium (Sloan-C), a prestigious group of learning institutions funded by the Alfred P. Sloan Foundation. A fast-paced and convenient way to build know-how, these on-target, online, instructor-led short courses are perfect for busy executives, engineers, scientists, and other professionals. These courses run for as little as a week, entirely online. WebCampus is a partner of the Global Wireless Education Consortium (GWEC).

Acknowledgements

Recognized by Force-Centric Logistics Enterprise (FLE)

Training types

- Degree—Master
- Certificate
- Seminars

Accredited by

Stevens Institute of Technology and WebCampus are both accredited by the Middle States Association of Colleges and Schools (MSA) Middle States Commission on Higher Education.

Stevens Institute of Technology

<http://www.stevens.edu/main/home/>

WebCampus Catalog: <http://webcampus.stevens-tech.edu/courses/index.html>

E-mail: webcampus@stevens-tech.edu

Commercial: 201-216-5092

Fax: 201-216-5011

Toll Free: 800-496-4935

Master of Science in Stochastic Systems Analysis and Optimization

Graduate Certificate in Stochastic Systems Analysis and Optimization

End-to-End	Supply	Distribution	Transportation

Training types

- Degree—Master of Science
- Certificate

Description

The Department of Mathematics offers an interdisciplinary graduate program in stochastic systems. In this program, students learn to use traditional operations, research methods, and modern decision tools such as stochastic programming and stochastic optimal control. The program integrates courses in statistics, stochastic processes, stochastic optimization, and optimal control theory with applications in financial systems, supply-chain management, statistical pattern recognition analysis associated with electronic commerce, and others. The program goals are:

- Provide students with an excellent education in the mathematical fundamentals of analysis and optimization of stochastic systems.
- Focus on rigorous quantitative methods for decisions in the presence of uncertainty and risk including relevant areas such as stochastic and statistical analysis and forecasting, optimization and optimal control methods, and risk measures.

The **Master of Science** is a traditional graduate degree program. A selection of concentrations allows students to customize the program to meet individual goals.

The **Graduate Certificate** program is a four course, 12-credit program for those who either do not require a rigorous educational foundation in this area, or for those who may not wish to commit to the full Master's program at this time.

Visit http://www.math.stevens.edu/Graduate_Programs.shtml for additional information.

Prerequisites

Entering graduate students must know calculus, linear algebra, and have some basic knowledge in probability. See <http://gradschool.stevens-tech.edu/home/> for details.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

College Credit
Degree Program

Emphasis

Quantitative Analysis

Seminar—Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

e-Seminar

Description

Successful supply chain management can unlock a company's business potential. By navigating the logistical flow of goods, services, materials and financials, effective supply chain management maximizes the inventory cycles to achieve what every business depends on to succeed—highly satisfied customers. By bridging efficiency gaps in the supply chain and building stronger collaborative partnerships, companies can save millions each year by reducing process latency and operational costs and maximizing inventory cycles.

This online, instructor-led course helps students gain a heightened appreciation of supply chain frameworks, fundamentals, concepts and terminology. Students will:

- Experience firsthand software packages from several leading enterprise SCM vendors.
- Find solutions best suited to your Agency's needs.
- Develop a strategy to automate your supply chain and learn how to establish cost analysis metrics to assess benefits and ROI.

The course is augmented with recent case studies from various stakeholders—suppliers, partners, and customers.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Instructor-led Internet

Training outcomes

Professional Development Hour Credit

Emphasis

Supply Chain Management

U.S. Merchant Marine Academy

Department of Marine Transportation

Description

The Department of Marine Transportation administers the marine transportation program for midshipmen. It is also responsible for major portions of the Maritime Operations and Technology and the Logistics and Intermodal Transportation curricula and for the nautical science and business components of the Dual License curriculum. The department offers courses in three disciplines: Nautical Science, Maritime Business, and Logistics and Intermodal Transportation.

Courses provide midshipmen with nautical science and management skills, as well as knowledge of the transportation process necessary for successful careers in the maritime industry. The core courses include management, law, economics, transportation, logistics, intermodal and port operations, navigation, seamanship, marine safety and meteorology. In addition, the department offers advanced elective courses in relevant areas.

Visit <http://www.usmma.edu/academics/departments/marinetransportation.htm> for additional information.

Acknowledgements

- Recognized by Force-Centric Logistics Enterprise (FLE)
- Blanket Waiver recognition by American Society of Transportation and Logistics (ASTL)

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master (through AMU)
- Executive Education
- Seminars

Accredited by

The U.S. Merchant Marine Academy is accredited by the Middle States Association of Colleges and Schools (MSA) Middle States Commission on Higher Education.

The American Military University (AMU) is accredited by Distance Education and Training Council (DETC).

Validated

The content of this section was validated by the U.S. Merchant Marine Academy in September 2004.

U.S. Merchant Marine Academy, Continued

Department of Marine Transportation

Gary A. Lombardo, Ph.D., Assistant Academic Dean

E-mail address: lombardog@usmma.edu

Web sites:

Business: <http://www.usmma.edu/academics/Departments/MarineTransportation.htm>

Course Catalog: <http://www.usmma.edu/admissions/catalog.htm>

Commercial: 516-773-5545

Fax: 516-773-5529

Bowditch Hall

300 Steamboat Road

Kings Point, NY 11024-1699

Bachelor of Science with Logistics and Intermodal Transportation Concentration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

The Logistics and Intermodal Transportation Program builds on the Academy's traditional maritime core competencies to provide midshipmen with the knowledge and skills required to manage complex intermodal supply chains and to address the challenges facing the global transportation system. Midshipmen who elect this major take the same core courses as their counterparts enrolled in other majors in the Department of Marine Transportation. They must also meet requirements for a U.S. Coast Guard license as third mate.

Additionally, there is an internship experience for midshipmen enrolled in the Logistics and Intermodal Transportation Program. It is carefully structured to ensure that it is fully supportive of, and integrated with, the academic component. Based in part on the specific interests of individual midshipmen, internship placement is planned to provide the student with exposure to best practice in leading-edge organizations within a particular segment of the logistics and intermodal industry.

See <http://www.usmma.edu/academics/curriculum/default.htm> for specific degree requirements.

Prerequisites

Candidates must have satisfactorily completed their high school education at an accredited secondary school or its equivalent. Complete admission requirements can be found at <http://www.usmma.edu/admissions/Overview.htm>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program
U.S. Coast Guard License (third mate)
U.S. Naval Reserve Commission

Delivery method

Classroom
Internship

Emphasis

Defense Transportation System
Global Supply Chain Management
Integrated Logistics Management
Intermodal Transportation Systems
Operations Research for Transportation

Master of Arts in Transportation Management with concentration in Logistics Management or Intermodal Transportation (a cooperative program with American Military University)

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

U.S. Merchant Marine Academy (USMMA) Global Maritime and Transportation School (GMATS) has established a cooperative agreement with American Military University (AMU). AMU is accredited by the Department of Education, Distance Learning Council. AMU specializes in Distance Education programs.

This degree is particularly relevant for transportation professionals and military reservists. The majority of the degree can be completed in a distance learning format at home, at sea, or abroad. USMMA GMATS courses can be completed in 1 and 2-week increments which are ideal for the busy professional and for military reservists completing 2-week annual training programs at USMMA.

See http://www.amu.apus.edu/Academics/Degree_programs/SubPrograms.htm?paid=3308 for more information.

Prerequisites

A Bachelors degree from an accredited institution is required for admission to graduate study at AMU. Details are available at <http://www.amu.apus.edu/Admissions/graduate.htm>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Web-based Training

Professional status

American Military University partnership

Emphasis

Maritime Industry Operations
Logistics Management
Transportation Security
Strategic Intermodal Transportation

Executive Education—The Global Maritime and Transportation School at the United States Merchant Marine Academy

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Annual events)
- Seminars (Customized)

Description

In addition to regularly scheduled courses and custom programs, the Global Maritime and Transportation School (GMATS) assists both government organizations and private companies with developing and offering seminars and conferences at the Merchant Marine Academy. GMATS offers the most extensive maritime and transportation professional education program in the United States. Visit <http://gmats.usmma.edu> for more information about seminars.

Over 25 courses are offered for transportation professionals seeking to learn about leading-edge developments in intermodal transportation and logistics management, as well as executives seeking to understand leading edge developments in management techniques and practices.

GMATS programs are designed to meet the transportation and management training needs of corporate America as well as those of government and military organizations. Courses include topics designed for management trainees and seasoned professionals who wish to understand complex transportation and logistics systems in order to most efficiently manage or expand the transportation activities of their organization. Courses also include curriculum designed for mid-level managers and senior level executives. GMATS' executive management programs are designed to enhance operational efficiency, improve competitive advantage, and build morale and teamwork among employees.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian—GS

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customer-specific requirements

Delivery method

Classroom
Workshop

Emphasis

Transportation, Logistics, and Management
Crisis Management in Transportation

University of Alaska Anchorage
College of Business and Public Policy
Department of Logistics

Description

The University of Alaska Anchorage's (UAA) College of Business and Public Policy offers programs at the certificate, undergraduate, and graduate level relative to logistics and supply chain management.

Specifically, the Department of Logistics offers degree programs in the areas of global logistics and supply chain management. Undergraduate courses focus on quantitative and qualitative techniques that are used to manage the domestic and international flows of material and finished goods within and among businesses across a supply chain. Graduate courses focus on strategic planning, human capital management, knowledge management, international business activity, computerized simulation techniques, and financial/cost accounting for the experienced logistician and supply chain manager.

Visit <http://www.cbpp.uaa.alaska.edu/dept/dept.asp?page=logistics> for more information about Logistics Department offerings.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Recognized by Force-Centered Logistics Enterprise (FLE)
- Defense Acquisition University (DAU) Strategic Partnership

Training types

- Degree
 - ◊ Bachelor
 - ◊ Master
- Certification Program

Accredited by

Northwest Commission on Colleges and Universities (NWCCU)

Validated

The content of this section was validated by the University of Alaska–Anchorage in August 2004.

College of Business and Public Policy
Commercial: 907–786–4100
Fax: 907–786–4119
Web sites:
Business: <http://www.cbpp.uaa.alaska.edu>
Course Catalog: <http://www.cbpp.uaa.alaska.edu/degrees/degrees.asp>
3211 Providence Drive
Anchorage, AK 99508

Bachelor of Business Administration in Global Logistics Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Business Administration

Description

UAA's College of Business & Public Policy offers a series of courses leading to a Bachelor of Business Administration (BBA) degree with a major in Global Logistics Management.

Students complete five courses specifically in logistics. In general, undergraduate courses focus on quantitative and qualitative techniques that are used to manage the domestic and international flows of material and finished goods within and among businesses across a supply chain. Those students without significant work experience in logistics will also complete a logistics internship.

A selection of logistics courses which may be used to satisfy the degree requirements are outlined at http://www.cbpp.uaa.alaska.edu/dept/dept.asp?page=bbaglm_courses.

Prerequisites

Applicants must have a high school diploma or General Equivalency Diploma (GED). To begin the major, a student must be eligible for upper division status. More detailed information is listed at <http://www.uaa.alaska.edu/admissions/index.cfm>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Programs

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Leadership/Management

Master of Science in Global Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Science

Description

UAA's Master of Science in Global Supply Chain Management is focused on the management of global supply chain systems with an emphasis on managerial leadership, information technology and internal business practices. The degree is comprised of five courses to be taken over five consecutive semesters in a cohort group. Time to completion is approximately 20 months.

More information is available at <http://www.cbpp.uaa.alaska.edu/dept/dept.asp?page=msgscm>.

Prerequisites

The University of Alaska has very specific requirements for admission as a degree-seeking student. They require a minimum of 7 years of work experience in some function of logistics or supply chain management and a bachelor's degree in any discipline.

A list of all requirements and detailed application information is listed at <http://www.cbpp.uaa.alaska.edu/dept/dept.asp?page=logistics/admissionbullets>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management and Technology
Logistics Management
Leadership/Management
Global Issues/International Business Practice

Certificate of Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Certificate

Description

The UAA offers a series of courses leading to a Certificate in Logistics. Required courses include the following:

- Management of Global Logistics Supply Chain
- Transportation Management
- Purchasing Management
- Management Information or Computer Concepts in Business

Additional course requirements allow students to customize their degrees and are listed at <http://www.cbpp.uaa.alaska.edu/dept/dept.asp?page=logcertificate>.

Prerequisites

Candidates must have a high school diploma or GED, be at least 18 years old, and have previous participation in UAA's Assessment and Advisement Process.

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Training outcomes

College Credit
Certification

Delivery method

Classroom

Emphasis

Supply Chain and Logistics Management
Transportation Management
Information Technology

University of Maryland

Robert H. Smith School of Business

Description

The Robert H. Smith School of Business at the University of Maryland is a recognized leader in management education and research for the networked economy. The Smith School of Business offers undergraduate and graduate programs that integrate an in-depth education in core business functions (e.g., accounting, marketing, finance, logistics, and competitive strategy) with cross-functional concentrations. As a result of this unique multidisciplinary approach, Smith School graduates are prepared to make an immediate contribution to their organizations.

Additional information can be found at <http://www.rhsmith.umd.edu/>.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Recognized by Force-Centric Logistics Enterprise (FLE)
- Defense Acquisition University (DAU) Strategic Partnership
- Blanket Waiver recognition by American Society of Transportation and Logistics (ASTL)
- U.S. News and World Report:
 - ◊ “Top 50 Graduate Schools of Business” (*America’s Best Graduate Schools 2005*)
 - ◊ “Top 30 Undergraduate Schools of Business” (*America’s Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
 - ◊ Doctorate
- Executive Education
- Seminars

Accredited by

Middle States Association of Colleges and Schools (MSA) Middle States Commission on Higher Education

Robert H. Smith School of Business

Howard Frank, Dean

E-mail address: info@rhsmith.umd.edu

Web sites:

Business: <http://www.rhsmith.umd.edu/>

Course Catalog: <http://www.umd.edu/catalog/>

Commercial: 301-405-1000

Fax: 301-405-7139

University of Maryland, College Park

College Park, MD 20742-0001

Bachelor of Science—Logistics, Transportation, and Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

The Undergraduate Program at the Robert H. Smith School of Business recognizes the need for professional education in business and management based on a foundation in the liberal arts and core business and management principles. A student in the Smith School of Business, selects a major(s) in one of several curricula: Accounting; Information Systems; Finance; General Business (including an International Business option); Logistics, Transportation, and Supply Chain Management; Marketing; or Operations and Quality Management.

See <http://www.rhsmith.umd.edu/undergrad/logistic.html> for specific degree requirements.

Prerequisites

Applicants must be high school graduates. Complete admission requirements are at <http://www.uga.umd.edu/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Transportation in the Supply Chain
Manufacturing and Operations Management

Master of Business Administration—Logistics/Supply Chain Management Concentration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The Master of Business Administration (MBA) Logistics/Supply Chain Management degree program is an integrated approach to managing the total flow of a distribution channel from supplier to ultimate customer. The underlying rationale for an integrated supply chain management approach is that it increases the opportunity for cost savings, better customer service, and competitive advantage for all companies in the supply chain. The Logistics/Supply Chain Management concentration integrates courses across three areas: Logistics and Transportation, Operations Management, and Marketing. The curriculum also provides students with a hands-on exposure to information technology tools essential to modern supply chain management.

More information is available at http://www.rhsmith.umd.edu/lbpp/mba_logistics.html.

Prerequisites

Applicants for the MBA program must include the following; résumé, undergraduate transcripts, unofficial GMAT scores, two letters of recommendation, and essays. Additional information is available at <http://www.rhsmith.umd.edu/apply.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Consulting Projects (CPs) (Real-World)
Experiential Learning Modules

Emphasis

International Logistics & Transportation Mgmt
Managing Technology in the Supply Chain
Transportation Management
Managing the Real Time Supply Chain

Doctoral Program in Logistics and Transportation

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

The University of Maryland College of Business and Management's program in Logistics and Transportation is designed to produce outstanding scholars in the fields of logistics, transportation, and supply chain management. Graduates of the program are well-qualified to take academic positions in colleges and universities in the United States and abroad. Students typically take three courses for credit per semester until all course requirements are complete. The Doctorate degree is earned by competence, as demonstrated in courses, examinations, and research.

More information can be obtained on the Doctoral Program Web site at <http://www.rhsmith.umd.edu/lbpp/phd.html>.

Prerequisites

Applicants should have a strong interest in both research and teaching. Completion of a master's level degree is not a requirement for admission. Only students willing to work on their doctorate on a full-time basis will be considered for admission. Applicants seeking admission into the Logistics and Transportation Doctoral program should follow the procedures outlined at <http://www.rhsmith.umd.edu/doctorsal/index.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and Teaching

Emphasis

Supply Chain Research
Logistics Research
Supply Chain and Information Technology
Transportation/Supply Chain Economics
Logistics Modeling

Executive Education—Annual Events and Customized Seminars

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Annual events)
- Seminars (Customized)

Description

The Supply Chain Management Center Executive Education program draws on the research and consulting experience of the logistics and supply chain faculty from the Robert H. Smith School of Business—one of the largest and most respected schools in academia. Using advanced simulators and modules, senior managers receive hands-on experience, online e-Supply chain course work, introduction to supply chain portals, software training in application tool sets and real-time decision-making tools, knowledge from best practices and benchmarking, workshops and case studies, and insights from guest speakers. More information can be found at <http://www.rhsmith.umd.edu/scmc/education.html>.

Recent Supply Chain Management Center projects include:

- SCIC Project Pilot, U.S. Air Force supply chain portal
- Scalable Supply Chain, Assessing the Organizational Impact of Internet Technology
- HIMARS Portal Supply Chain Management Project, U.S. Army

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customers specific requirements

Delivery method

Classroom
Workshop
Online Course Work

Professional status

Department of Defense Supply Chain Integration Center

Emphasis

Supply Chain Management
Internet Technology
Best Practices and Benchmarking
Online e-Supply Chain Course Work

University of Missouri-St. Louis
College of Business Administration
Logistics and Operations Management Area

Description

The University of Missouri-St. Louis' College of Business Administration offers a broad range of programs at both the undergraduate and graduate levels—from Financial Planning to Logistics and Supply Chain Management, from Bachelor's degrees to graduate certificates, to Master's and Doctoral degrees—their offerings are among the broadest in the region. The College of Business Administration faculty provides the best of both worlds—they are engaged in cutting-edge research in their disciplines, and they are engaged in consulting and collaborations with some of the biggest corporations and not-for-profits in the St. Louis region and beyond.

The Logistics and Operations Management (LOM) Area offers emphasis tracks at both Bachelors and Masters levels. LOM students learn the essential and pivotal role of logistics, supply chain management, and operations management in any economic activity, and the decision-making techniques necessary to manage them in practice. Additional information can be found at <http://www.umsl.edu/divisions/business/ms/>. The LOM Area also works closely with the University's Center for Transportation Studies. Additional information is available at <http://www.umsl.edu/~cts/>.

Acknowledgements

Recognized by the Council for Supply Chain Management Professionals (CSCMP)

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
- Certification Program

Accredited by

North Central Association of Colleges and Schools Higher Learning Commission (NCA-HLC)

Validated

The content of this section was validated by the University of Missouri-St. Louis in September 2004.

Logistics and Operations Management Area
Dr. Robert Nauss
E-mail address: lom@umsl.edu
Web sites:
Business: <http://www.umsl.edu/divisions/business>
Course Catalog: <http://www.umsl.edu/bulletin>
Commercial: 314-516-6267
Fax: 314-516-6827
211 Computer Center Building
St. Louis, MO 63121-4499

Bachelor of Science in Business Administration specializing in Logistics and Operations Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

Logistics and Operations Management encompasses the design, implementation and management of systems for efficient deployment of personnel, physical facilities, raw-materials, in-process inventories, finished goods, and related information or services. Logistics and Operations Management covers the whole supply chain, from the point of origin to the point of consumption. Logistics and Operations Management analysts must be proficient in the use of quantitative models and computers and communicate effectively.

See <http://www.umsl.edu/divisions/business/emphasis.html#logistics> for specific degree requirements.

Prerequisites

Applicants must be high school graduates. Complete admission requirements are at <http://www.umsl.edu/admission/freshmen/index.html>. Additional Business School requirements are at <http://www.umsl.edu/divisions/business/busreq.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Production and Operations Management
Business Logistics Systems
Decision Support and Expert Systems
Quality Assurance in Business
Lean Production in Manufacturing & Service
Service Operations Management
Operations Research (I and II)

Master of Business Administration—Logistics and Supply Chain Management Emphasis

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The Logistics and Supply Chain Management emphasis in the MBA degree program is a key component of new initiatives in transportation, logistics, and supply chain management that seek to make University of Missouri-St. Louis the source for educational programs in these areas. Courses provide a solid foundation in logistics and supply chain management, as well as advanced training in the use of information systems and quantitative tools for network design, vehicle routing, etc.

Research opportunities are offered through the Center for Transportation Studies (CTS) (<http://www.umsl.edu/%7Ects/mission.html>) for qualified University of Missouri-St. Louis graduate students, supporting them in their study of supply chain management and training them in research methodology to become leaders of tomorrow's industry. More information is available at <http://www.umsl.edu/divisions/business/busgrad/emphasis-logistics.htm>.

Prerequisites

Applicants must have a baccalaureate degree from an accredited college or university. Complete admission details are available at <https://fusion.umsl.edu/mba/request2.cfm>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Web-based Training

Emphasis

Business Logistics Systems
Quality Management
Lean Production
International Logistics and Operations Management
Simulation for Managerial Decision Making
Management Science Methods
Advanced Operations Research
Advanced Statistical Methods for Management Decisions

Graduate Certificate in Logistics and Supply Chain Management

End-to-End	Supply	Distribution	Transportation

Training type

Certificate

Description

The Graduate Certificate in Logistics and Supply Chain Management is an 18-hour course of study designed to provide a focused, intensive study of important issues within logistics and, more broadly, in supply chain management. Required courses provide thorough background in operations, logistics, and supply chain management. Elective courses allow specialization in areas such as logistics and supply chain software, international logistics, operations research, electronic commerce, and quality. Course descriptions are available at <http://www.umsl.edu/divisions/business/busgrad/logcert.htm>. The Center for Transportation Studies provides administrative and internship support. Please see <http://www.umsl.edu/~cts/>.

Completing the prescribed course of study in a graduate business certificate program leads to a certificate (officially granted by the university) only and not to a degree, but course work completed within one of these certificate programs can subsequently be transferred to a graduate business degree program.

Prerequisites

To be admitted to a graduate certificate program, students must have completed an accredited undergraduate degree program with a grade point average of 3.0 or higher. Additional requirements can be found at <http://www.umsl.edu/divisions/business/busgrad/gradcert.htm>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Classroom

Training outcomes

College Credit
Certificate

Emphasis

International Logistics and Operations
Management
Logistics and Supply Chain Modeling
Supply Chain Management
Simulation for Managerial Decision Making
Business Logistics Systems
Lean Production
Quality Management
Management Science Methods
Advanced Statistical Methods for
Management Decisions
Advanced Operations Research

University of North Carolina at Chapel Hill

Kenan-Flagler Business School

Description

University of North Carolina (UNC) at Chapel Hill's Kenan-Flagler Business School is one of the oldest accredited business schools in the United States. The school is known for its progressive research, application-oriented teaching, and the strength of its collaborative relationships.

Kenan-Flagler's top-ranked programs include the LOGTECH Master of Business Administration (MBA) degree program as well as executive courses and institutes that prepare managers with the latest and most innovative business thinking and methods at every stage of their careers.

Additional information can be found at <http://www.kenan-flagler.unc.edu/about/> and also at <http://www.kenan-flagler.unc.edu/Programs/>.

Acknowledgements

- Recognized by Force-Centric Logistics Enterprise (FLE)
- US News and World Report:
 - ◊ "Top 50 Graduate Schools of Business" (*America's Best Graduate Schools 2005*)
 - ◊ "Top 30 Undergraduate Schools of Business" (*America's Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
- Executive Education
- Seminars

Accredited by

Southern Association of Colleges and Schools (SACS) Commission on Colleges

Kenan-Flagler Business School

Steve Jones, Dean

Web sites:

Business: <http://www.kenan-flagler.unc.edu/about/>

Course Catalog: <http://www.kenan-flagler.unc.edu/site-map.htm>

Commercial: 919-962-8301

Campus Box 3490

McColl Building

Chapel Hill, NC 27599-3490

Bachelor of Science in Business Administration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

The Kenan-Flagler Business School offers one of the nation's most outstanding undergraduate degree programs. Within this integrated curriculum, Operations Management is a key component, providing students not only with the fundamentals demanded by the business community, but also a holistic perspective and understanding of the role and interfaces Operations Management has with the other business areas. The Operations faculty emphasizes a wide range of topics including manufacturing planning and control, operations strategy, services, supply chain management, quality, and issues in global operations.

Visit <http://www.kenan-flagler.unc.edu/Programs/bsba/index.cfm> for more information about this degree program.

Prerequisites

Applicants must be high school graduates. Complete admission requirements can be found at <http://www.kenan-flagler.unc.edu/Programs/BSBA/Admissions/index.cfm>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Quality
Manufacturing and Operations Management

LOGTECH Masters in Business Administration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

The Department of Defense established the LOGTECH initiative with UNC at Chapel Hill to bring together established and upcoming logistics leaders from the military, private sector, and academic communities in a series of integrated educational programs.

The LOGTECH Master of Business Administration (MBA) program is a 2-year degree with a logistics focus that gives logisticians a unique professional development experience by focusing on current business concepts and logistics practices. Participants develop technical and functional skills, as well as build upon their general management knowledge. The curriculum emphasizes strategic thinking, analysis and decision-making, in addition to functional business and technical logistics topics. More information is available at http://www.logtech.unc.edu/SME_Board/Documents_Misc_/MBA_Program/mba_program.html.

Prerequisites

A completed application for graduate study, official transcripts from all completed graduate and undergraduate coursework, GMAT, and a letter of recommendation from the applicant's commanding officer or immediate supervisor are required. Details can be found at http://www.logtech.unc.edu/SME_Board/Documents_Misc_/MBA_Program/MBA_Application/mba_application.html.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Web-based Training

Professional status

Institute for Defense & Business
Indiana University Kelley School of Business

Emphasis

Business Concepts and Logistics Practices
Strategic Thinking
Supply Chain Operations
Strategy and Leadership

Executive Education—Center of Excellence in Logistics and Technology

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Annual events)

Description

Anchored by renowned Kenan-Flagler Business School faculty, these programs feature talented instructors from the School of Industrial Engineering at North Carolina A&T University, North Carolina State University, and guest lecturers from both the private-sector and Department of Defense. The faculty teams with academic, military, and corporate experts to deliver cutting-edge knowledge and perspective.

LOGTECH executive education at the Kenan-Flagler Business School is both challenging and demanding. It incorporates classroom debate and vibrant discussion, computer simulations, survey feedback, break-out sessions, and faculty/executive team-led discussions. Visit <http://www.logtech.unc.edu/Education/Curriculum/curriculum.html> for the current schedule.

LOGTECH offers two interrelated, yet distinct, Executive Education programs in an outstanding learning environment:

- The Program for Executives in Logistics and Technology, designed for military flag officers (O–6 by exception), Senior Executive Service civilians and equivalent private sector executives
- The Program in Advanced Logistics and Technology, designed for O–4 to O–6 grade military officers, GS–13 to GS–15 (GS–12 by exception) civilians and private sector participants at the operational or regional level

Information is available at <http://www.logtech.unc.edu/Education/Programs/programs.html>.

Prerequisites

None

Level

Managerial
Executive

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customer-specific requirements

Professional status

Institute for Defense & Business
Indiana University—Kelley School of Business

Personnel status

Military
Civilian

Delivery method

Classroom
Workshops

Emphasis

Strategic Logistics Issues
Case Studies/Benchmarks of Best Practices
Security vs. Operational Effectiveness

University of Pennsylvania

The Wharton School

Description

The Wharton School aims to make an impact with business and industry by developing leaders and creating and disseminating business knowledge. Collaboration with industry is crucial to achieving Wharton's mission.

Wharton offers degree programs at undergraduate, graduate, and doctorate levels. Although relevant course offerings are not concentrated in a single academic entity, primary sources are the Marketing Department (http://www.wharton.upenn.edu/faculty/acad_depts/mktgdept.cfm) and the Operations and Information Management Department (http://www.wharton.upenn.edu/faculty/acad_depts/opimdept.cfm).

Executive Masters of Business Administration (MBA) and doctoral programs are not shown separately in this document because they are not specific to the military logistics and supply-chain communities.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- U.S. News and World Report:
 - ◊ “Top 50 Graduate Schools of Business” (*America’s Best Graduate Schools 2005*)
 - ◊ “Top 10 Supply Chain/Logistics Specialties” (*America’s Best Graduate Schools 2004*)
 - ◊ “Top 30 Undergraduate Schools of Business” (*America’s Best Colleges 2004*)
- Wall Street Journal Top 50 Business Schools 2004
- Business Week 2003 Business Schools Rankings—Top 50

Training types

- Degrees
 - ◊ Bachelor
 - ◊ Master
- Certificate
- Executive Education
- Seminars

University of Pennsylvania, Continued

Accredited by

Middle States Association of Colleges and Schools (MSA) Commission on Higher Education

The Wharton School

Web site: <http://www.wharton.upenn.edu/>

Telephone: 215-898-5872

Fax: 215-898-3664

500 Jon M. Huntsman Hall
3730 Walnut Street
Philadelphia, PA 19104-6340

Bachelor of Science in Economics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor

Description

Wharton students do not have a traditional “major” because they follow a comprehensive course of studies and earn a Bachelor of Science in Economics. They build on basic business knowledge by taking four advanced courses in one business area—the Wharton concentration. Students choose among established concentrations or create their own individualized concentration, gaining in-depth knowledge in a particular field of interest.

An example of an individualized concentration in transportation can be viewed at <http://undergrad.wharton.upenn.edu/programs/day/concentrations/individualized.cfm>.

A list of the 17 established Wharton concentrations can be found at http://www.wharton.upenn.edu/undergrad/academic_concen.html.

Prerequisites

Applicants must be high school graduates. Admission to Wharton is very competitive. Detailed information is at <http://www.wharton.upenn.edu/undergrad/admissions.html>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Business Administration Core
Customization for end-to-end possible

Master of Business Administration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

A Wharton Master of Business Administration (MBA) is a general management degree that prepares students for a range of careers. It combines a strong core curriculum with a wide selection of electives. Wharton students shape their course of study by majoring in one or two business disciplines. With 18 majors and 25 formal options for specialized study, Wharton students can tailor their academic experience to meet their personal career goals. More information is available at <http://mba.wharton.upenn.edu/mba/academics/>.

The following MBA concentrations relate to the logistics/supply chain business:

- **Marketing and Operations Management** is the only official "joint major" at Wharton. It is attractive to those interested in marketing in the manufacturing and service sectors (e.g., supply chain management and new product development, and general product and brand management).
- **Multinational Management**, commonly coupled with Finance or Marketing majors, focuses on consulting or corporate work for global organizations or government agencies.
- **Operations and Information Management** is relevant for those involved in the "supply chain" of a business, whether it is with a physical supply chain or an information-based system within the retail or manufacturing end.

Prerequisites

Admissions information can be found at <http://mba.wharton.upenn.edu/mba/admissions/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Business Administration Core
Customization for end-to-end possible

Executive Education—Open Enrollment, Certification, and Customized Seminars

End-to-End	Supply	Distribution	Transportation

Training types

- Executive Education
- Seminars (Open Enrollment)
- Seminars (Customized)
- Certification

Description

Wharton offers more than 180 custom and open-enrollment programs.

- Targeted to middle and senior executives, Wharton Executive Education draws participants from a wide range of industries and countries to share insights and perspectives with Wharton faculty and each other. Current open enrollment offerings are listed at http://execed.wharton.upenn.edu/course_listing.cfm.
- **Wharton's Certificate of Professional Development (CPD)** is formal recognition of those who complete four open-enrollment programs within a 4-year period. It allows participants to design a curriculum tailored to their specific professional development needs and goals and receive formal acknowledgement of their work at the Wharton School. Details are at <http://execed.wharton.upenn.edu/cpd.cfm>.
- **Wharton's customized programs** give executives and their companies specific knowledge, when and where they need it, by drawing upon the resources of one of the world's largest and finest business schools to develop focused solutions. Customized program information is at http://execed.wharton.upenn.edu/c_custom.cfm.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

State-of-the-business updates
Seminars and courses customized to meet customer-specific requirements

Delivery method

Classroom

Emphasis

Supply Chain and Logistics Management
Customized to organization's needs

University of Tennessee

College of Business Administration

Department of Marketing, Logistics, and Transportation

Description

The Department of Marketing and Logistics strives continuously toward being a leading source for the creation and dissemination of knowledge in the science and practice of Integrated Value Chain Management. With its unique multidisciplinary perspective, the Department envisions Integrated Value Chain Management as the dynamic integration of enterprises and their suppliers and customers to determine, create, fulfill, and communicate value in the global environment. Link to more ML department information from <http://mlt.bus.utk.edu/default.htm>.

The University of Tennessee Center for Executive Education (CEE) is a leader in management education and business solutions. Their leadership position in delivering TOPEXSM (Total Operations Excellence) is reflected through their award-winning, open enrollment and custom programming in Supply Chain Management and Logistics, Lean Enterprise, Process Improvement/Six Sigma, and Leadership Development. They also offer transformational learning experiences through four innovative Executive MBAs that blend intensive residency periods with synchronous web-based, distance learning. More CEE information is available in links from <http://TheCenter.utk.edu/default.htm>.

Acknowledgements

- Recognized by the Council for Supply Chain Management Professionals (CSCMP)
- Recognized by Force-Centric Logistics Enterprise (FLE)

Training types

- Degrees
 - ◇ Bachelor
 - ◇ Master
 - ◇ Doctorate
- Certification Program
 - ◇ Executive Education

Accredited by

Southern Association of Colleges and Schools (SACS) Commission on Colleges

Validated

The content of this section was validated by the University of Tennessee in August 2004.

University of Tennessee, Continued

Department of Marketing and Logistics

Bob Woodruff, ML Department Head

E-mail address: rwoodruff@utk.edu

Web sites:

Business: <http://mlt.bus.utk.edu/default.htm>

Course Catalog: <http://bus.utk.edu/undergrad/currentstudents/curriculum1.htm>

Commercial: 865-974-5061

Fax: 865-974-1766

316 Stokely Management Center

Knoxville, TN 37996-0570

Center for Executive Education

Bric Wheeler, Associate Director

E-mail address: bwheeler@utk.edu or TheCenter@utk.edu

Web sites:

<http://TheCenter.utk.edu/default.htm>

Commercial: 865-974-5001

Fax: 865-974-4989

702 Stokely Management Center

Knoxville, TN 37996-0570

Bachelor of Science in Marketing and Logistics

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Bachelor of Science

Description

The Department of Marketing and Logistics' programs at the undergraduate level are consistently rated very highly. When marketing research and undergraduate and executive education are discussed, The University of Tennessee (UT) is generally considered among the top programs in the country.

UT's marketing and logistic undergraduate degree program includes courses that examine how organizations deliver value to customers through product and service strategies (Product/Service Management); how to plan, organize, and manage logistics activities including customer service, order processing and information flow, transportation, warehousing, purchasing, inventory, and network design (Marketing Strategy Frameworks); and how to gather, analyze, and interpret data needed by managers to learn about customers in markets (Customer Value Analysis). Other classes include Strategic Sourcing, Global Logistics and Transportation, Supply Chain Strategy in a Global Environment, and Intermediate Logistics. Detailed degree requirements are shown at

<http://bus.utk.edu/undergrad/CURRENTSTUDENTS/curriculum1.htm>.

Prerequisites

Applicants must be high school graduates. Degree-seeking students must meet criteria outlined at <http://admissions.utk.edu/undergraduate/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Strategic Sourcing
Logistics and Transportation Analytical Methods
Global Logistics and Transportation

Master of Business Administration with Logistics Concentration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Masters

Description

University of Tennessee's Logistics Master of Business Administration (MBA) program is one of the oldest and most highly respected logistics programs in the country. UT's focus on integrated value chain management incorporates what many people would call supply chain management. Logistics plays a key role in the integrated value chain.

This nationally recognized program from the Department of Marketing and Logistics focuses on integrated value chain management. Details of the curriculum can be found at http://bus.utk.edu/mba/Concentrations/logi_pros.htm.

Prerequisites

A Bachelor's degree from a regionally accredited college or university or foreign equivalent and a minimum grade-point average of 2.7 out of a possible 4.0, or a 3.0 during the senior year of undergraduate study is required. Students who have completed previous graduate work must have a grade-point average of 3.0 on a 4-point scale or equivalent on all graduate work. See http://bus.utk.edu/mba/Prospective_Students/apply_pros.htm for more details about admission to the MBA program.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom

Emphasis

Logistics and Operations Management
Logistics and Transportation Strategy
Logistics and Inventory Control

Doctoral Program in Business Administration with Emphasis in Logistics and Marketing

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Doctorate

Description

The Department of Marketing and Logistics offers two doctorate program concentrations, one in logistics and one in marketing. The Department is dedicated to offering excellent training for doctoral students with all courses offered on an annual basis and students immersed in research activities with faculty the moment they enter their respective programs.

The Logistics program links traditional areas of logistics research and development with faculty expertise in the areas of demand management and forecasting, logistics operations and modeling, logistics strategy, and the development and management of relationships in the supply chain.

More information is available at <http://www.bus.utk.edu/mlt-phd/logistics/index.htm>.

Prerequisites

UT's general requirements include an MBA or equivalent master's degree, highly competitive Graduate Management Admissions Test Score (GMAT), and appropriate industry work experience (current students in the program average 8 years of industry experience). In addition, students who apply to the program must complete a second application for the Graduate School. Further information concerning the Graduate School requirements can be found at <http://web.utk.edu/~gsinfo/>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Program

Delivery method

Classroom
Research and Teaching

Emphasis

Logistics Research and Development
Logistics Management and Forecasting
Logistics Operations and Modeling
Logistics Strategy

Executive Education/Certificate—Integrated Supply Chain Management Certification Program

End-to-End	Supply	Distribution	Transportation

Training types

- Certificate
- Executive Education

Description

The University of Tennessee’s programs in Logistics and Supply Chain Management have consistently been ranked among the best education programs in the field. Experienced managers and executives (even within logistics) should consider adding expertise in supply chain management to their personal and professional education. The program is designed to ensure the active involvement of all participants. A balance of theory and application is provided and significant emphasis is placed on the integration of supply chain concepts. Teaching methods include lecture, case studies, and analyses as appropriate. Detailed information is available at <http://thecenter.utk.edu/executive-development-programs.html>.

The Integrated Supply Chain Management Certification Program from the Center for Executive Education is composed of six courses, each 2.5 days in length, presented over 3 non-consecutive weeks. Taking the courses for certification is not a requirement. Each course has a knowledge assessment (test or assignment for completion after participants return to work) for those pursuing certification. The courses include:

- Supply Chain Management Strategy
- Demand Management in the Supply Chain
- The Lean Enterprise and the Supply Chain
- Logistics & Operations in the Supply Chain
- Supply Chain Resource Management
- Integrative Supply Chain Experience

Prerequisites

For Integrative Supply Chain Experience, the other five courses (taken in any order) are prerequisites.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Certification

Delivery method

Classroom

Professional status

Co-sponsored by Council for Supply Chain Management Professionals (CSCMP)

Emphasis

Supply Chain Management
Logistics and Operations
Integrative Supply Chain Experience

Executive Education/Certificate—Logistics Executive Development Program

End-to-End	Supply	Distribution	Transportation

Training types

- Certificate
- Executive Education

Description

The University of Tennessee’s programs in Logistics and Supply Chain Management have consistently been ranked among the best education programs in the field. The Logistics Executive Development Program (LEDP) is designed to help top management better understand how to achieve competitive advantage through logistics. The course emphasizes creating value for partners throughout the supply chain and integrating logistics activities and strategies with other areas of organizational competency. It emphasizes four critical business processes that must receive attention in a world-class logistics operation:

- Integrated Supply Chain Management
- Strategic Use of Information
- Systems and Relationship Management
- Customer Value Creation

The LEDP is a one-week **Center for Executive Education** program designed for experienced logistics managers and for those who may be new to logistics from management positions in other functional areas of the organization. Major elements of the program content are also particularly useful to executives in the logistics supplier industries, such as transportation, information systems, and third-party/contract logistics. The program is designed to ensure the active involvement of all participants and is co-sponsored by the Council for Supply Chain Management Professionals (CSCMP). A balance of theory and application is provided through lecture, case studies, and analyses as appropriate. Detailed information is available at <http://thecenter.utk.edu/executive-development-programs.html>.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Certificate

Delivery method

Classroom

Professional Status

Co-sponsored by Council for Supply Chain Management Professionals (CSCMP)

Emphasis

Supply Chain Management
Logistics and Operations

Department of the Air Force

Air Force Institute of Technology

Description

The Air Force Institute of Technology (AFIT), a component of Air University, is the Air Force's graduate school of engineering and management as well as its institution for technical professional continuing education. AFIT has three resident schools: the Graduate School of Engineering and Management, the School of Systems and Logistics, and the Civil Engineer and Services School.

Acknowledgements

Recognized by Force-Centered Logistics Enterprise (FLE)

Training types

- Degree—Master
- Professional Continuing Education

Accredited by

North Central Association of Colleges and School (NCA-HLC) Higher Learning Commission

Air Force Institute of Technology

Commercial: 937-255-2321

Fax: 937-656-7600

Web sites:

Business: <http://www.afit.edu>

2950 P Street, Building 125

Wright-Patterson Air Force Base, OH 45433-7765

Graduate School of Engineering and Management

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master

Description

Air Force Institute of Technology's (AFIT) Graduate School of Engineering and Management offers masters degrees in various subjects. Those most closely related to supply chain management are as follows:

- Operational Analysis
- Logistics Management
- Supply Management
- Transportation Management

See http://www.afit.edu/af_info/masters_degree_programs.cfm for more information on the degree curriculum.

Prerequisites

Admission to AFIT requires applicants to have a Bachelor degree with a grade point average greater than 2.7, provide official transcripts, and take either the Graduate Record Examination (GRE) or the Graduate Management Admission Test (GMAT) for management-related disciplines. For more information on admission criteria, go to <http://en.afit.edu/Admissions>.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

College Credit
Degree Programs

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Operational Analysis
Transportation Management
Leadership/Management

School of Systems and Logistics

End-to-End	Supply	Distribution	Transportation

Training types

- Professional Continuing Education
- Courses and Workshops

Description

Air Force Institute of Technology's School of Systems and Logistics is the Air Force's sole provider of professional continuing education in the area of logistics. The school currently offers Air Force courses and workshops ranging in length from 3 days to 3 weeks.

Additional curriculum information is available at <http://ls.afit.edu/courselist.cfm>.

Level

Executive

Personnel status

Military (O-4 and above)

Training outcomes

CEUs

Course Credit

Delivery method

Web site

Classroom

On-site

Emphasis

Defense Leadership/Management

Logistics Management

Supply Chain Management

Transportation

Introduction to Logistics

End-to-End	Supply	Distribution	Transportation

ID number: LOG199

Description

This AFIT course provides students an introduction to Air Force logistics processes, organization, and issues. Informal lectures and case exercises are used, providing the student with an understanding of acquisition, distribution, sustainment, disposition, supply management, and business process improvement.

Prerequisites

None

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
On-site

Length of training

10 days

Emphasis

Supply Chain Management
Logistics

Training outcomes

CEUs—6.0

Applied Maintenance Management Concepts

End-to-End	Supply	Distribution	Transportation

ID number: LOG262

Description

This AFIT course exposes practitioners to the latest policies and initiatives, and challenges them to apply both theory and techniques to current management problem scenarios which confront base-level maintenance managers. Application of current concepts in management science is emphasized through seminars, informal lectures, guided discussions, case studies, exercises, and group projects. Current topics examine production excellence, group decision-making dynamics, the theory of constraints, capacity requirements planning, general scheduling theory, the logistics environment, and repair cycle processes. The applications of statistical concepts, statistical process control, and reliability and maintainability measures are illustrated through practical exercises.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
On-site

Length of training

10 days

Emphasis

Leadership Management
Logistics
Maintenance Management

Training outcomes

CEUs—6.0

Combat Logistics

End-to-End	Supply	Distribution	Transportation

ID number: LOG299

Description

This AFIT course addresses the roles and responsibilities of logisticians in support of combat, peace, and humanitarian operations. The focus is on logistics at the operational and tactical levels of war. The course addresses how Air Force logisticians, together with other combat support forces, create and sustain capability in a joint theater of operations. This course is designed for personnel assigned to maintenance, supply, transportation, contingency contracting, and logistics plans positions at base-level through joint and unified commands. The course is also suited for personnel in other positions (i.e., civil engineering, services, security, intelligence, and operations planning) who must have knowledge of or interact with combat support and combat sustainment operations. The course is not designed for personnel in the wholesale acquisition career field. The course combines combat logistics history with current issues and dynamics. Methods of instruction include informal lectures, guided discussions, a planning exercise, and a literary analysis.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
On-site

Length of training

10 days

Emphasis

Logistics
Combat Support

Training outcomes

CEUs—6.0

Strategic Logistics Management

End-to-End	Supply	Distribution	Transportation

ID number: LOG399

Description

This AFIT course provides a forum for the free exchange of ideas and concepts between students, faculty, and guest speakers. The goal is to foster critical thinking and creative problem-solving to enhance each student's potential by providing an understanding of a broad, complex range of critical issues facing the Air Force and joint logistics communities. The course focuses on logistics at the strategic level. It emphasizes the interdependency of strategy, tactics, and logistics, and the importance of treating all logistics functions and processes as an integrated system for providing combat capability. Students link U.S. national security objectives to logistics policies, plans, and resources. They examine how the evolving logistics environment, changes in the total force concept, and future concepts of service roles and missions impact logistics. The course relies extensively on presentations from guest speakers (primarily from HQ USAF, JCS, joint commands, and DOD), industrial tours, and the students themselves who share the wealth of their own diverse backgrounds and experience in logistics.

Prerequisites

Open to U.S. personnel only. A SECRET clearance is required.

Level

Executive

Personnel status

Military—O—4/5

Civilian—GS—13/14

Completion standard

Tests

Delivery method

Classroom

On-site

Length of training

10 days

Emphasis

Strategic Planning

Logistics

Training outcomes

CEUs—6.0

Sr. Distribution Executive Development Course

End-to-End	Supply	Distribution	Transportation

ID number: LOG492

Description

This AFIT course provides senior Air Force distribution executives with the latest developments in national policies, management techniques, and the new technologies affecting the transportation and physical distribution disciplines. Emphasizes national policies and their impact on Air Force distribution activities, current theories and techniques regarding human and physical resources management, state-of-the-art developments in the transportation field, and new productivity improvement initiatives. Increases student's understanding of both military and commercial physical distribution systems and provides insight into the motivation and strategies employed by the commercial distribution industry. Teaching methods include discussions, guest lectures, and onsite tours of transportation and distribution facilities. Because of the dynamics and currency of the seminar, graduates may apply to attend three years after graduating. Applications are submitted in response to announcements made by HQ USAF/ILGX. Final review and selection of participants is made by HQ USAF/ILGX.

Prerequisites

See minimum grade requirements below.

Level

Executive

Completion standard

Tests

Length of training

10 days

Training outcomes

CEUs—6.0

Personnel status

Military—O-5 and above

Civilian—GS-13 and above

DOD Foreign Nationals (GS-13 equivalent)

Delivery method

Classroom

Emphasis

Transportation

Distribution

Logistics Executive Seminar

End-to-End	Supply	Distribution	Transportation

ID number: LOG499

Description

This AFIT course provides logistics executives an increased understanding of the interrelationship of the logistics disciplines, management systems, and values affecting organizational policy within the broader context of national policies and objectives. Provides senior logistics managers the opportunity to examine policies and issues currently affecting logistics. Flag officers, Senior Executive Service managers, and private-sector senior managers present various topics. It offers students an opportunity to interact with these policymakers by exchanging ideas, discussing current issues, and assessing common problems.

Prerequisites

Open to U.S. personnel only. A SECRET clearance is required.

Level

Executive

Personnel status

Military—O-6

Civilian—GS-15

Completion standard

Tests

Delivery method

Classroom

Length of training

5 days

Emphasis

Global Supply Management

Logistics Management

Leadership/Management

Training outcomes

CEUs—3.0

DOD Logistics

End-to-End	Supply	Distribution	Transportation

ID number: WKS310

Description

This AFIT workshop provides a general overview of the supply chain and logistics throughout all military services. Current case studies are presented to examine current strategies in place as it applies to current global conditions. This workshop can be tailored/customized for specific audiences/needs.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian
International

Completion standard

Attendance

Delivery method

Classroom

Length of training

2–3 days

Emphasis

Supply Chain Management
Joint Operations
Logistics

Air Logistics Center 101 Workshop

End-to-End	Supply	Distribution	Transportation

ID number: WKS322

Description

This AFIT workshop provides a basic overview of the USAF Air Logistics Centers. Included in the workshop are discussions of sustainment processes, guidance, and current issues and initiatives.

Prerequisites

None

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Attendance

Delivery method

Classroom

Length of training

1.5 days

Emphasis

Logistics
USAF Logistic Center

Maintenance Management Workshop

End-to-End	Supply	Distribution	Transportation

ID number: WKS327

Description

This AFIT workshop provides an introduction to and discussion of problem solving techniques applicable to base level aircraft maintenance which can be used by technician-supervisors to analyze and improve the work they and their people do. Topics covered include metrics, basic stats, R&M concepts, Lean concepts, group-think, capacity requirements planning, and theory of constraints.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Attendance

Delivery method

Classroom

Length of training

5 days

Emphasis

Aircraft Maintenance Management

Department of the Army
U.S. Army Logistics Management College
School of Logistics Science

Description

The U.S. Army Logistics Management College's (ALMC) School of Logistics Science (SLS) conducts education, training, research, doctrine, and consulting programs across the logistics continuum (strategic, operational, and tactical levels). Areas of concentration include logistics leader development, logistics sustainability, installation logistics management, joint logistics, and environmental management. The school consists of the following four academic departments:

- Logistics Executive Development Department
- Tactical Logistics Leader Development Department
- Material Management Department
- Environmental Management Department

Acknowledgements

Recognized by Force-Centered Logistics Enterprise (FLE)

Training types

- Executive Seminars
- Professional Continuing Education

Accredited by

Council on Occupational Education (COE)

U.S. Army Logistics Management College
Commercial: 804-734-3195
DSN: 687-3195
Web site:
Business: <http://www.almc.army.mil>
Commander, U.S. Army Quartermaster Center and School
Logistics Training Department
1831 A Avenue
Fort Lee, VA 23801-1621

Logistics Executive Development Department

End-to-End	Supply	Distribution	Transportation

Training type

Executive Education

Description

The Logistics Executive Development Department develops leaders in logistics management by providing newly assigned employees with the basic skills and knowledge in Army logistics and preparing managers for positions at mid- and executive-levels in the Army and the joint arena.

- **Army Logistics Introductory Course (ALIC)** educates DOD employees in the functional areas of supply, maintenance, transportation, and services at the tactical, operational, and strategic levels.
- **The Logistics Management Development Course (LMDC)** develops the managerial skills of selected military and civilian personnel assigned to, or anticipating assignment to, the Army logistics system, principally at the national or strategic level, by providing a broad overview of the logistics system and the support relationship to the Army in the field.
- **The Defense Regional Interservice Support (DRIS) Course** trains technicians from all services on the intricacies of establishing and maintaining support services using interservice support agreements.
- **The Logistics Executive Development Course (LEDC)** is the Army's premier senior logistics course. It prepares military and civilian personnel for key managerial positions within the Army and DOD logistics systems.
- **International Officer Logistics Preparatory Course (ILPC)** prepares international officers attending LEDC and CLC³ to better understand how the Army logistics system operates.
- **Associate LEDC (ALEDC)**, taught in 2-week resident phases and the correspondence mode, is for reserve military personnel, and civilians and active military personnel who are unable to attend the resident LEDC.
- **Reserve Component Multifunctional Combat Service Support (RCMCSS) Course** provides multifunctional logistics training to reserve component captains and field grade officers. The course is taught on-site to sponsoring Army reserve commands.

Logistics Executive Development Department, Continued

- **Logistics Precommand Course (LPCC)** prepares colonels and lieutenant colonels for the rigors of command at transportation, depot, arsenal, ammunition plant and contracting commands.
- **Joint Course on Logistics (JCL)**, a 2-week course, prepares field grade officers and senior civilian employees from Unified Commands, services and DOD agencies to function successfully while planning and supporting joint logistics operations and the 1-week **Multinational Logistics Course (MLC)** prepares them for multinational logistics operations.

More information on the degree curriculum is available at <http://www.almc.army.mil/LEDD/> .

Level

Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Course Credit

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Transportation
Leadership/Management

Tactical Logistics and Leader Development

End-to-End	Supply	Distribution	Transportation

Training type

Executive Education

Description

ALMC's Tactical Logistics and Leader Development Department prepares officers to operate as combat logisticians in positions ranging from primary battalion- and brigade-level staff officers to company- through brigade-level commanders. Three courses provide the full spectrum of curricula to meet this task.

- The **Combined Logistics Captains Career Course (CLC³)** is mandatory for all Transportation, Ordnance, and Quartermaster Corps captains. A limited number of Medical Service and Aviation Corps officers also are selected by their branches to attend. The course prepares them for company command and, in an extensive battlefield logistics phase, for operating on a multifunctional staff.
- The **Support Operations Course** prepares senior captains and majors for the specific job of providing direct support to a brigade combat team on the battlefield.
- Finally, the **Combat Service Support Precommand Course** serves to update battalion- and brigade-level command selectees on emerging doctrine and logistics systems and on lessons learned from recent training events and operations. Seminars provide frank discussions on subjects the attendees will face in command.

The battlefield is the primary focus of each course, but issues affecting the Army in garrison also are discussed.

More information on the degree curriculum is available at http://www.almc.army.mil/catalog/schools_SLS.html.

Level

Managerial
Executive

Training outcomes

Course Credit

Personnel status

Military—Officers

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Ordnance
Leadership/Management

Matériel Management Department

End-to-End	Supply	Distribution	Transportation

Training type

Executive Education

Description

ALMC's Matériel Management Department conducts logistics management education for DLA, the Army Matériel Command (AMC), and other DOD elements.

- The **Defense Distribution Management Course (DDMC)** highlights the DOD physical distribution system, with particular emphasis on the major depot functions of receiving, storing, packaging, physical inventory, issuing, transportation, and resource management.
- The **Defense Inventory Management Course (DIMC)** teaches inventory management concepts to managers from each of the military services and DLA. It focuses on why changes in supply control studies occur when individual elements change and what inventory managers can and should do to provide cost-effective inventory support.
- The **Army Maintenance Management Course (AMMC)** addresses the relationship of maintenance to other logistics functions, the development and satisfaction of matériel requirements, maintenance engineering, and maintenance operations.
- The **Army Secondary Item Management Course (ASIMC)**, the **Commodity Command Standard System Functional Course (CCSS FC)**, and the **Major Item Management Course (MIMC)** teach functional inventory managers how to manage approximately 150,000 major and secondary items using the AMC operating system.
- The **Retail Supply and Maintenance Systems Course (RSMSC)** covers general retail supply and maintenance policy and procedures and provides descriptions of the combat service support force structure and the various Combat Service Support (CSS) Standard Army Information Management System (STAMIS) (including selected management reports) used to provide combat service support.
- The **Installation Logistics Management (ILM) Course** teaches logisticians the skills required to provide logistics support services at Army installations.
- The family of **Defense Reutilization and Marketing (DRM) Courses** provides an overview of the DRM program, property accounting, operations, and demilitarization.
- The **AMC Logistics Assistance Program (LAP) Senior Managers and LAP Operations Courses** focus on the elements needed for LAP personnel to provide effective assistance to AMC's Army customers in resolving logistics and matériel readiness problems in the field.

Materiel Management Department, Continued

Additional curriculum information is available at <http://www.almc.army.mil/TLLDD>.

Level

Executive

Personnel status

Military

Civilian

Training outcomes

Course Credit

Delivery method

Web site

Classroom

On-site

Emphasis

Inventory Management

Leadership/Management

Logistics Management

Distribution

Environmental Management Department

End-to-End	Supply	Distribution	Transportation

Training type

Executive Education

Description

ALMC's Environmental Management Department teaches 11 different courses on environmental management, automated environmental management information systems, hazardous waste, and pollution prevention. The Department supports the Army's Quartermaster School by teaching 24 hours of hazardous materials management in the Supply Warrant Officer Basic and Advanced Courses. It also provides consulting assistance on local environmental training issues as requested and provides training support to numerous other ALMC courses.

More information on the degree curriculum is available at http://www.almc.army.mil/catalog/schools_SLS.html.

Level

Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Course Credit

Delivery method

Classroom

Emphasis

Environmental Management
Hazardous Materials

U.S. Army Logistics College Certificate Programs

End-to-End	Supply	Distribution	Transportation

Training type

Certificate Programs

Description

In cooperation with certain professional societies, ALMC offers programs of study that can lead to the award of a certificate in two specialized logistics fields or closely related fields. The programs are designed for individuals who want to take advantage of continuous education to improve their professional skills. The two programs of study offered are as follows:

- Executive Logistics Management (Co-sponsored by the International Society of Logistics)
- Physical Distribution Management

More information on the certificate curriculum and prerequisites is available at http://www.almc.army.mil/catalog/cert_progforward.html.

Prerequisites

Satisfactory completion of the prerequisite courses is mandatory for enrollment in each of the certificate programs.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Training outcomes

Certificate

Delivery method

Classroom

Emphasis

Supply Chain Management
Logistics Management
Distribution Management
Leadership/Management

Defense Inventory Management Course

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F11

Training type

Course

Description

The curriculum concentrates on wholesale materiel management functions. The subjects covered range through the entire life cycle of materiel from the entry of new items into the DOD system to the disposal of excess materiel. Emphasis is placed on requirements planning and computation for the various categories of items, and the management of these items using such tools as financial management, standardization, modernization, and economic inventory principles. Four forecasting techniques are taught (exponential smoothing, trend analysis, 12-month and 24-month moving average) to provide the students an understanding of the forecasting techniques used in the DOD. Math, scientific techniques, and logistical terminology are presented to the degree required to provide a common basis for understanding requirements computation and inventory management problems. The application of management skills and practices, problem-solving and decision making techniques appear throughout the course, thereby emphasizing to the students their importance to management.

Prerequisites

All student nominees (military and civilian) should have an inventory management position. Military personnel should be limited to officers, warrant officers, and NCOs with MOS 76P4K or 76Z5K. The course is directed toward the O–3/O–5 and GS–7 to GS–11 levels. One year of on-the-job experience in inventory management is also required (waived for interns). Knowledge of math through basic algebra is required. International students should be in the grade of senior CPT through LTC or civilian equivalent.

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

3 weeks, 3 days

Emphasis

Inventory Management

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Defense Marking for Shipment and Storage Course

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F32

Training type

Course

Description

This course provides an overview of the DOD Logistics System, general and detailed marking requirements of MIL–STD–129, marking and labeling hazardous materials, and review, examination, and critique.

Prerequisites

Personnel selected to attend this course should have technical or supervisory responsibilities in one or more of the following categories: preservation, packaging and packing operations, procurement, contract administration, packaging inspection, packaging design, packaging testing and evaluation, and other related fields. Personnel selected should have at least 1 year of service remaining after completion of the course and be able to read and comprehend military and Federal specifications and standards. Commercial concerns, prime or subcontractors, who have a packaging contract with a military service, who supply packaging materials to the Services or who have declared intent to bid on a military contract, are authorized to attend this course.

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

2.5 days

Emphasis

Distribution
DOD Logistics System

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Defense Packaging Design Course

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F16

Training type

Course

Description

This course addresses the following topics associated with packaging design, transportability, the natural environment, deterioration of materials, identifying item characteristics, the transportation environment packaging materials, environmental consideration, shock and vibration mitigation, container design and selection, the design process, packaging documentation, trends in packaging design, package testing and safety. This course is intended for personnel in charge of packaging operations, personnel responsible for documenting packaging instructions, quality assurance programs, packaging administrators and technicians in contract administration activities, quality assurance representatives of journeyman level or equivalent, instructors of packaging in DOD installations, personnel responsible for determining packaging requirements and packaging specification writers, personnel providing packaging consultant services or engaged in similar levels of work in the field of packaging, personnel responsible for packaging laboratory work, packaging specialists and packaging engineers.

Prerequisites

This course is designed for military and civilian personnel who have completed courses 8B–F1(JT), Preservation and Intermediate Protection, and 8B–F2(JT), Defense Packing and Unitization, or individuals possessing a high degree of packaging knowledge. All nominees must possess the ability to read and comprehend military and Federal specifications and standards. In addition, the student must be able to perform mathematical computations involving algebra. Safety work shoes required.

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

1 week, 4.5 days

Emphasis

Distribution

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Defense Packaging for Logistics Managers Seminar

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F4

Training type

Course

Description

The seminar provides logistics managers with reasons why military packaging is important and the effect it has on other logistics disciplines. Topics include current packaging requirements in accordance with laws, regulations, standards, and policies; identification of packaging problem areas; requirements for packaging training; packaging as an element of integrated logistics support, and the future of packaging. The seminar must be conducted concurrently with a scheduled on-site course and at the same location or by special arrangement

Prerequisites

Nominees should be military commanders, DOD civilian executives, or their principal staff members who are in a position to recommend courses of action or make decisions that affect packaging.

Level

Managerial
Executive

Personnel status

Military—Officers
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

1 day

Emphasis

Distribution

Training outcome

Certificate of Completion

Location of course

ALMC, various locations

Defense Packing and Unitization Course

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F2

Training type

Course

Description

The course describes DOD packing policies, and shows how to construct, reinforce, weatherproof, cushion, and block and brace containers. The DOD Container Design Retrieval System program is discussed, along with marking and labeling for shipment and storage. Containerization and palletization, carloading and use of freight regulations for railroad shipments, and resource conservation are other topics covered.

Prerequisites

Students must be able to read and understand specifications, standards and other Government publications. Nominees should have a minimum of 1 year of service remaining after completion of the course. Commissioned and warrant officers, enlisted personnel, who have existing or anticipated working or supervisory responsibilities in areas such as packing or loading operations at a military or industrial installation, operators of box and crate shops, storage and supply operations, contract administration, inspection programs loading equipment and materials handling systems, design and fabrication of containers, and research and development programs are eligible. Safety work shoes required.

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Course Completion

Delivery method

Classroom

Length

1 week, 4.5 days

Emphasis

Distribution

Training outcome

Certificate of completion

Location of course

ALMC, Fort Lee, VA

Defense Preparation of Freight for Air Shipment

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F36

Training type

Course

Description

Introduction to preparation of freight for air shipment; unitization and consolidation; container selection; cushioning, blocking, bracing, and anchoring; hazardous materials; marking and labeling for air shipment; and handling, loading, and air delivery.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Correspondence

Length

24 hours

Emphasis

Distribution

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Defense Preservation and Intermediate Protection

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F1

Training type

Course

Description

This course is oriented toward DOD packaging policies, packaging specifications, cleaning and drying, preservation, marking, economy in packaging, packaging codes, unit containers, unit pack inspection and resource conservation. Classroom and "hands-on" practical exercises are emphasized.

Prerequisites

This course is designed for commissioned and warrant officers, enlisted personnel, and civilian employees who have current or anticipated assignments involving preservation and packaging operations, procurement, contract administration, quality control, technical writing, packaging instruction, packaging testing and evaluation, or other related fields. Safety work shoes required.

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom
Hands-on

Length

1 week, 4.5 days

Emphasis

Distribution

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Defense (Refresher) Packaging of Hazardous Materials for Transportation Course

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F35

Training type

Course

Description

Review of regulations governing packaging/certifying of hazardous materials for all modes of transportation. Covers requirements of 49 CFR Parts 107 and 172–178; International Air Transport Association Dangerous Goods Regulations (IATA); Preparing Hazardous Materials for Military Shipments, AFR 71–4/TM 38–250/NAVSUP PUB 505/MCO P4030.19/DLAM 4145.3; Recommendations on the Transport of Dangerous Goods; and International Maritime Dangerous Goods Code. Reviews the MIL–STD–129 requirements for uniform marking of military supplies. Recertification is required at least every 24 months. Course provides refresher training required by statutory regulations for proper packaging of hazardous materials for transportation by the military. Completion of course/ authorization from activity's commander will allow individual to certify DD Form 1387–2 for military airlift of hazardous materials.

Prerequisites

Individuals must have completed initial training as described in current issues of joint regulation Preparation of Hazardous Materials for Military Air Shipments, AFR 71–4/TM 38–250/NAVSUP PUB 505/MCO P4030.19E/DLAM 4145.3, marking and labeling requirements of MIL–STD–129, and DD Form 1387–2, certifications and documentation.

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military

Delivery method

Classroom

Completion standard

Course completion

Emphasis

Distribution
HAZMAT

Length

4.5 days

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Defense Vehicle Processing for Shipment or Storage

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F6

Training type

Course

Description

The course addresses the causes of corrosion and the practical application of procedures required for cleaning, preserving, processing, and marking of general purpose vehicles, track laying vehicles, material handling equipment, and construction equipment.

Prerequisites

This course is designed for commissioned and warrant officers, enlisted personnel, and civilian employees who have current or anticipated assignments involving vehicle or equipment preservation in the following or similar operations: storage, supply, transportation, procurement, contract administration, quality control, technical writing, or instruction in processing of equipment for shipment or storage. Nominees should have successfully completed 822–F13(JT) Defense Basic Preservation and Packing Course or equivalent. Personnel nominated should have at 1 year of service remaining after completion of course. All nominees must possess the ability to read and comprehend military and Federal specifications and standards. Industrial representatives of commercial concerns, prime or subcontractors, who have a packaging contract with a military service, who supply packaging materials to the services, or who have declared intent to bid on a military contract, are authorized to attend this course. Safety work shoes required.

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

4.5 days

Emphasis

Distribution
Transportation

Training outcome

Certificate of Completion

Location of course

ALMC, On-Site

Directorate of Logistics Course

End-to-End	Supply	Distribution	Transportation

ID number: ALMC–N

Training type
Course

Description

This course provides coverage of all functional areas of Directorate of Logistics (DOL) responsibilities. Emphasis is placed on the responsibilities, techniques, practices, and problems at the directorate and division level in an effort to improve personal competence and effectiveness in managing logistic support at the installation level. Interfaces among the operating divisions and between the DOL and other directorates are highlighted in order to provide a perspective of the magnitude and impact of DOL activities.

Prerequisites

Nominees should be commissioned officers (Major or above), Sergeants Major, civilian employees (GS–11 or above), or wage grade or local national employees (English speaking) of comparable grade or rank. Students should be assigned to or programmed for assignment to positions within a DOL. The DOL, Deputy DOL, Sergeant Major, and division chiefs constitute the primary target audience, but objectives are well suited to branch chiefs being prepared for division-level responsibilities and personnel assigned to staff supervisory positions in MACOMs and ODCSLOG. Students should have 2 or more years of service remaining.

Level

Managerial
Executive

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

3 weeks

Emphasis

Executive Management
DOL Responsibilities
Supply Chain Management

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Logistics Management Development Course

End-to-End	Supply	Distribution	Transportation

ID number: 8A–F16

Training type

Course

Description

The course provides an overview of the Army logistics system. The life-cycle management model is the common thread of the course and is used to highlight the more significant considerations of Research Development, Test, and Evaluation (RDTE), acquisition, inventory management, maintenance, and disposal of Army materiel. Instruction in management skills includes basic statistical and probability techniques and aspects of interpersonal behavior. This instruction is oriented toward improving the decision making abilities of the students by providing knowledge of the techniques and considerations involved in logistic management.

Prerequisites

Nominees must have actual or anticipated assignments to management positions in the logistics area and have a high school education. Military nominees should be officers who have completed or are enrolled in a branch career course. Senior NCOs are eligible; priority will be given to NCOLP members. Civilians should be GS–9 or above with at least 4 years of functional experience in the logistics management, data processing, or financial management field and have completed one functional course in that field.

Level

Managerial

Personnel status

Military—Officers and Senior NCOs
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

4 weeks

Emphasis

Logistics Management
Supply Chain Management

Training outcome

Certificate of Completion

Location of course

ALMC, Fort Lee, VA

Department of the Navy

Naval Postgraduate School

Graduate School of Business and Public Policy

Description

The Naval Postgraduate School (NPS) is a branch of the Naval Education and Training Command. The NPS offers graduate programs, both on and off campus, through the graduate schools. Additionally, there are a number of academic programs that are offered through NPS institutes and centers. The Graduate School of Business and Public Policy (BPP) is the focus for supply chain management and related programs. The Graduate School of Business and Public Policy is responsible for academic programs designed to educate officers and DOD civilian employees in a variety of functional management specialties. About 250 resident students are enrolled in various Master's degree curricula at any point in time. The school offers resident and non-resident graduate programs using on-site instructions or latest Video Tele Education (VTE) technology. Other educational programs include executive education programs and short courses for professional certification for DOD/DoN personnel. The school's research efforts span a broad spectrum of DOD/DoN management and policy issues, ranging from basic scholarly pursuits to applied research designed to assist policy and operational decision making. The Graduate School of BPP and its graduate programs have achieved the distinction of being one of only two institutions in the country earning dual accreditation and recognition in the business sector by the Association to Advance Collegiate Schools of Business (AACSB), and the National Association of Schools of Public Affairs and Administration (NASPAA).

Acknowledgements

Recognized by Force-Centered Logistics Enterprise (FLE)

Training types

- Degree—Master
- Executive Education

Accredited by

Western Association of Schools and Colleges (WASC—ACSCU) Accrediting Commission for Senior Colleges and Universities

Naval Postgraduate School
Graduate School of Business and Public Policy

Commercial: 831-656-2371

Fax: 831-656-5006

Web sites:

Business: <http://www.nps.edunavy.mil>

Course Catalog: <http://www.nps.navy.mil/gsbpp/programs.htm>

1 University Circle

Monterey, CA 93943-5002

Defense-Focused Master of Business Administration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Business Administration

Description

Naval Postgraduate School (NPS) Graduate School of Business and Public Policy offers the Defense-Focused Master of Business Administration (MBA) program. The program provides officers and DOD civilians an advanced education in interdisciplinary approach to problem-solving and policy analysis by applying quantitative, financial, economics, information technology, and other state-of-the-art management techniques and concepts to military management and policy issues. The Defense-Focused MBA is a full-time program, resident at NPS in Monterey, lasting 18–21 months. This MBA encompasses six major curricula, with specialization tracks within each:

- Acquisition and Contract Management
- Financial Management
- Logistics and Supply Chain Management
- Information Management
- Manpower Management
- Defense Management

Graduates of these curricula are awarded the degree Master of Business Administration. This degree is accredited by both the Association to Advance Collegiate Schools of Business (AACSB)—International and the National Association of Schools of Public Affairs and Administration (NASPAA). More information on the degree and curriculum is available at <http://www.nps.navy.mil/GSBPP/DMBA/overview.htm>.

Prerequisites

A baccalaureate degree with above-average grades is required. Completion of at least two semesters of college algebra or trigonometry is considered to be the minimum mathematical preparation. An Academic Profile Code (APC) of 345 is required for entry. Officers from the Services and DOD employees may start the program with widely varied academic backgrounds.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Length

18–21 months

Delivery method

Classroom

Training outcomes

College Credit
Degree Programs

Emphasis

Supply Chain Management
Logistics Management
Leadership/Management

Executive Master of Business Administration

End-to-End	Supply	Distribution	Transportation

Training type

Degree—Master of Business Administration

Description

Naval Postgraduate School (NPS) Graduate School of Business and Public Policy offers the Executive Master of Business Administration (EMBA) program. EMBA, offered by the NPS Graduate School of Business and Public Policy, is designed to provide Navy officers with the knowledge and skills needed to be successful in future leadership assignments. The program's Defense-focused courses educate officers to think analytically, to synthesize information from a wide range of sources, and ultimately to make quality strategic decisions under conditions of uncertainty. In short, the goal is to provide the Navy with senior leaders prepared to face the business challenges and make the resource allocation decisions critical to achieving the objectives of the *Sea Enterprise* initiative to recapitalize the Navy.

The EMBA program is a 24-month, part-time, distance-learning program. Students attend class during normal duty hours 1 day a week for 6–7 hours in their local duty area. The primary course delivery mode is two-way video and audio video teleconferencing. NPS faculty members also use the Internet for course management and, at times, instruction. This mode of instruction "brings classes to the students," allowing officers to stay in their shore duty billet and support the command mission. Students enter the program as a "Cohort," taking all classes together and completing the program as a group. Additional program information is available at <http://www.nps.navy.mil/gsbpp/EMBA/index.htm>.

Prerequisites

To be considered for the NPS EMBA program, this criteria must be met: Senior Lieutenant through Commander (the EMBA target group is Lieutenant Commander and above); Department Head tour completed or middle-level management experience (Division Officer experience may qualify); Undergraduate degree from an accredited 4-year college or university; Grade Point Average (GPA) of 2.6 or above (on a four-point scale) which equates to an APC of 245; stationed at the EMBA cohort location for the entire 24 months of the program; and, the command must positively endorse your application for the EMBA participation and certify that you are competitive for promotion to the next higher rank. Some exceptions to the criteria may be made for applicants who have strong command recommendations.

Level

Executive

Personnel status

Military (O–4 and above)

Length

24 months

Delivery method

Distance Learning Program

Training outcomes

College Credit
Degree Program

Emphasis

Defense Leadership/Management

Department of Navy

Navy Supply Corps School

Description

Navy Supply Corps School (NSCS) is a branch of the Naval Education and Training Command. NSCS provides professional development through logistics, administrative, and media training for Department of Defense (DOD) and international personnel. NSCS courses are provided at DOD locations worldwide by mobile training teams (MTTs) and video tele-training (VTT). Commands that expect to have a minimum of 15 students attend a course may request on-site training.

Acknowledgements

Recognized by Force-Centered Logistics Enterprise (FLE)

Accredited by

NSCS is accredited by the Council on Occupational Education (COE)

Navy Supply Corps School, Training Office

Commercial: 706-355-7407

DSN: 354-7407

Web sites:

Business: <http://www.npdc.navy.mil/css/nscs/>

Course Catalog: <http://www.npdc.navy.mil/css/nscs/default.cfm?fa=training.listRegular>

1425 Prince Avenue

Athens, GA 30606

Defense Transportation Regulation Part II

End-to-End	Supply	Distribution	Transportation

ID number: A-8C-0025

Description

The NSCS's Defense Transportation Regulation Part II course provides detailed instruction in the procedural requirements set forth in the Defense Transportation Regulation (DTR), Part II, Cargo Movement. Emphasis is on proper document preparation which is provided by classroom lecture concerning the specific systems requirements and reinforced through realistic case problems. Included are brief description of Military Standard Requisitioning and Issue Procedures (MILSTRIP) and Uniform Material Movement and Issue Priority Systems Standards (UMMIPS), and their interrelationship with DTR procedures. Over, Short and Damaged procedures for military shipments are compared to commercial liability and regulatory practices to give the student an appreciation of the carrier industry and its role in the freight claims area. Graduation credit for the course is dependent upon successful completion of the course examinations.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Completion standard

Tests

Training outcomes

Course Credit

Personnel status

Military
Civilian

Delivery method

Classroom
Video Teleconference

Emphasis

Transportation
Logistics

International Officer Supply Basic

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0014

Description

The NSCS's International Supply Officer course emphasizes technical subjects of supply management, both ashore and afloat, with primary emphasis on supply principles of inventory control, material receipt, storage, material identification and classification, procurement, expenditure and accounting, and Military Assistance supply procedures.

The objective of this course is to provide basic instruction for junior foreign officers in the elements of operational supply.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Completion standard

Tests

Training outcomes

Course Credit

Personnel status

Military—International

Delivery method

Classroom
Video Teleconference

Emphasis

Transportation
Logistics

Introduction to Expeditionary Logistics

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0055

Description

The NSCS's Introduction to Expeditionary Logistics course is an in-depth study of not only forward deployed logistics, but joint operational planning as well. The students will, through the use of seminar discussions, practical exercises, and a final group exercise involving a logistics scenario, demonstrate a working knowledge of expeditionary logistics.

The objective of the Expeditionary Logistics course is to provide students an overview of the joint planning process, the joint and naval logistics chain of command and specific issues and concerns related to the deployed environment. The "issues and concerns" segment will include discussions of ordnance, fuel, personnel and cargo management, expeditionary contracting, and host nation support.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Training outcomes

Course Credit

Emphasis

Joint Operational Planning
Logistics
Deployed Operations

Joint Aviation Supply and Maintenance Material Management

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0020

Description

The NSCS's Joint Aviation Supply and Maintenance Material Management (JASMMM) course was developed in the early 1970s to improve aircraft readiness through teamwork of the maintenance and supply personnel. The purpose of the course is to develop technical supervisory and management skills in aviation support procedures and create a mutual awareness between maintenance and supply personnel for optimum weapon system support. Aviation supply and maintenance material management concepts, policies and procedures are addressed. Specific emphasis is placed in the areas of Naval aviation fundamentals in both maintenance and supply; aviation funding; Aviation Consolidated Allowance List (AVCAL) allowancing; and local material support procedures. JASMMM is the Navy's sole source of aviation logistics training for supply officers.

Cooperation and teamwork are highlighted during the ten days of class. Twenty-five maintenance and supply topics are discussed in a seminar style environment. Case studies, practical labs and classroom exercises are used to increase understanding and proficiency. The course is designed for Navy and Marine Corps Officers, Chief Petty Officers, Staff NCOs, First Class Petty Officers, and Civilian GS-6 (or equivalent) and above.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Length

10 days

Emphasis

Aviation Supply
Leadership/Management

Training outcomes

Course Credit

Marine Aviation Supply Short Course

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0051

Description

The NSCS's Marine Aviation Supply Short Course will include functions and responsibilities of aviation supply divisions, consumable and repairable inventory management, primary Naval Aviation Logistics Command Management Information System (NALCOMIS) and ShipBoard Uniform Automated Data Processing System (SUADPS) functions, financial management reports and Marine Aviation Logistics Support Program (MALSP) planning requirements.

Prerequisites

None

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Training outcomes

Course Credit

Emphasis

Inventory Management
Aviation Supply

Navy Transportation

End-to-End	Supply	Distribution	Transportation

ID number: A-8C-0010

Description

The NSCS's Navy Transportation course provides an overview of the Defense Transportation System (DTS), including military and commercial systems for motor, rail, ocean, and air modes of transportation. Transportation principles are introduced. The DOD transportation organization, doctrine, methodology, tools, and current initiatives are covered in depth. Transportation is covered from both the transporters' and the customers' perspectives. Significant emphasis is placed on the support of deployed forces and contingency operations.

This course serves as the introductory course for the Supply Corps Transportation Internship program and is a training prerequisite for obtaining the Supply Corps Transportation Specialty Code.

Prerequisites

None

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Training outcomes

Course Credit

Emphasis

Transportation
Deployed Forces & Contingency Ops

Principles of Inventory Control

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0079

Description

The NSCS's Principles of Inventory Control course provides training to junior (O1-O4) International Supply Officers in the areas of: inventory management, accountability, financial management, and automated information systems. Training is provided on inventory control procedures, which are specific to the types of platforms the student's countries acquire through the United State's Military Sells Program.

Prerequisites

This course is designed as a follow-on course to the International Supply Officer Course Orientation, A-8B-0014. The purpose is to provide training to junior International Supply Officers in the principles of inventory control.

Level

Administrative/Professional
Managerial

Personnel status

International Military

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Training outcomes

Course Credit

Emphasis

Inventory Control/ Management
Financial Management
Automated Information Systems

Stock Control Supervisor/R–SUPPLY Force Level Course

End-to-End	Supply	Distribution	Transportation

ID number: A–551–0027

Description

The NSCS's Stock Control Supervisor/R–SUPPLY Force Level Course is a broad-based management overview designed to prepare officers and senior enlisted personnel for assumption of stock control duties onboard Navy Working Capital Fund (NWCF) platforms utilizing the latest version of Relational Supply (R–SUPPLY). The length of the course is ten days. Hands-on terminal time using the R–SUPPLY computer to perform practical exercises is part of the classroom instruction. Emphasis is placed on report analysis, case studies, audit techniques, cause and effect relationships, and "pulse point" management. Senior enlisted personnel attain a Navy Enlisted Classification (NEC) 2830 upon graduation.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Completion standard

Tests

Length

10 days

Training outcomes

Course Credit

Personnel status

Military

Delivery method

Classroom
Video Teleconference

Emphasis

Inventory Management
Automated Supply System (R–SUPPLY)

Supply Corps Officer Basic Qualification Course

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0012

Description

The NSCS's Basic Qualification Course is an in-depth study of the Supply System encompassing the following major areas of an afloat supply department: supply management (manual system), food service, retail operations, disbursing management, and personnel administration. The student will, through the use of practical exercises, practice sets, and exams, demonstrate the ability to complete and post all forms and files in each functional area. In addition to this, the student will demonstrate his ability to audit and correct problem areas posed in exercise situations. Included also in the course is a brief introduction to afloat automated data processing and quantitative management techniques.

The objective of the Basic Qualification Course is to prepare newly commissioned Supply Corps Officers, and other officers who may be ordered for this instruction, in the professional duties of supply officers and in their duties as naval officers. This course provides detailed job related technical instruction while encouraging the formation and use of desirable attitudes and characteristics.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Completion standard

Tests

Training outcomes

Course Credit

Personnel status

Military

Delivery method

Classroom
Video Teleconference

Emphasis

Supply Chain Management
Logistics
Leadership/Management

Supply Corps Officer Basic Qualification Course—Naval Reserve

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0003

Description

The Basic Qualification Course-Naval Reserve (BQC-NR) is a comprehensive course of instruction which provides reserve Direct Commissioning Program (DCP) officers and Supply Corps Limited Duty and Chief Warrant Officers with the fundamental, technical, and managerial knowledge necessary to function effectively as Supply Corps officers within the Naval Reserve. The BQC-NR is a combination of on-site training and self-paced correspondence work spanning 15 months. Classes commence twice annually (May and October) and attendance at all on-site training periods is mandatory in order to graduate.

The BQC-NR curriculum encompasses Supply Management (SM), Hazardous Material Control (HM), Disbursing Management (DM), Retail Operations (RO), Food Service (FS), Leadership and Management (LM) and an Introduction to Expeditionary Logistics (IEL). Completion of all elements of the BQC-NR is mandatory and all students must achieve a minimum passing score of 75 percent for each functional area and an overall course average of 80 percent.

Prerequisites

None

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military

Delivery method

Classroom
Video Teleconference

Completion standard

Tests

Emphasis

Supply Chain Management
Logistics
Leadership/Management

Length

15 months

Training outcomes

Course Credit

Supply Indoctrination for Line Officers

End-to-End	Supply	Distribution	Transportation

ID number: A-8B-0045

Description

The NSCS's Supply Indoctrination for Line Officers course provides concentrated detailed technical instruction in Navy supply logistics tailored to the specific areas in which the student will be required to perform. These areas encompass food service and supply management.

The course provides basic indoctrination in logistic concepts, terms, and methodologies for junior line officers to be assigned supply duties aboard small Navy ships.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Completion standard

Tests

Training outcomes

Course Credit

Personnel status

Military

Delivery method

Classroom
Video Teleconference

Emphasis

Supply Management
Logistics

Warehouse Operations Management

End-to-End	Supply	Distribution	Transportation

ID number: A-8C-0015

Description

The NSCS's Warehouse Operations Management course provides a systems approach to warehouse operations. Material handling principles and equipment, receiving, storage, inventory control, material issues, packing and preservation, compatibility of material, and general safety are covered. Students are introduced to modern physical distribution concepts and warehousing methods. A practical physical distribution center design problem is included for team solution. Graduation credit for the course is dependent upon successful completion of the practical exercise and course examination.

Prerequisites

None

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Training outcomes

Course Credit

Emphasis

Material Handling
Inventory Management

Transportation of Hazardous Material

End-to-End	Supply	Distribution	Transportation

ID number: A-822-0012

Description

This NSCS course provides formal training prerequisite for command approved qualification to certify hazardous material for shipment via all modes of transportation. The course includes a comprehensive overview of the transportation of hazardous materials by motor, rail, and water and an intensive review of the requirements for movement of hazardous material by commercial/military air. Included are the roles and missions of the Department of Transportation (DOT), Defense Transportation System (DTS), and commercial carriers, national, state, and local regulations storage (incident to transportation) handling, packaging, marking, labeling, and placarding of hazardous material (HAZMAT) and various hazardous material warning systems. Students will be trained in the use of the applicable Code of Federal Regulations (CFR), Air Force Interservice Manual 24-204 (NAVSUP P-505/MCO 4030.19F), International Civil Aviation Organization (ICAO)/International Air Transport Association (IATA), Dangerous Goods Regulation (DGR), and the International Maritime Organization (IMO), Dangerous Goods Code (IMDGC) requirements for documentation, forms, labels, marking, placarding, and inspections. Qualification credit for the course is dependent upon successful completion of each of three module examinations covering all regulatory publication. Each examination must be passed to continue course enrollment. Qualification attained is effective for 24 months, after which additional certification or re-certification is required. This course is extremely technical and requires at least average reading ability. Personnel eligible: uniformed personnel of the armed forces, DOD civil service personnel, and (with appropriate CNET quota approval) eligible DOD civilian contractors. This course is designed only for those personnel who must, "certify hazardous materials for shipment." Students are required to furnish a silent, four-function handheld calculator.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military
Civilian
DOD Contractors

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Training outcomes

Qualification to certify HAZMAT for shipment

Emphasis

HAZMAT Management
Regulatory Compliance

Transportation of Hazardous Material for Supervisors

End-to-End	Supply	Distribution	Transportation

ID number: A-822-0014

Description

This NSCS course provides instruction for transportation managers as required in the federally mandated areas of (1) safety, (2) familiarization and awareness, (3) function-specific requirements, and (4) security. The course covers essential principles under Title 49 Code of Federal Regulations (CFR) Title 29 CFR and the Defense Transportation Regulations (DTR). The course provides essential training for managers who have oversight responsibilities for transportation of hazardous material (HAZMAT), hazardous substances, and hazardous wastes. The course is designed to prepare graduates to develop or evaluate local training resources and identify personnel requiring the varying levels of federally mandated bi-annual HAZMAT training. All HAZMAT employees are required by Federal law to receive training every 24 months; therefore, trainers are encouraged to attend a course every 2 years to ensure currency with the regulations.

Prerequisites

None

Level

Administrative/Professional
 Managerial
 Executive

Personnel status

Military
 Civilian

Completion standard

Tests

Delivery method

Classroom
 Video Teleconference

Training outcomes

Course Credit

Emphasis

Hazardous Material Management
 Transportation
 Leadership/Management
 Personnel Training

Transportation of Hazardous Material Recertification

End-to-End	Supply	Distribution	Transportation

ID number: A-822-0011

Description

This NSCS course provides formal training required for re-certification of personnel assigned to certify shipments of hazardous materials via all modes of transportation. The prospective student must provide proof of successful completion of the Transportation of Hazardous Materials course (A-8220012) or the Army/Air Force/DOT equivalent when requesting a course quota. Included in the course is a comprehensive review of the transportation of hazardous materials by motor, rail, water and commercial/military air. All regulatory requirements and publications covered in the 2-week hazardous materials course (A-822-0012) are reviewed. Qualification credit for the course is dependent upon successful completion of the final examination. Re-qualification attained is effective for 24 months. Refresher training must be completed within the 24 month period. A 60-day extension may be granted for military shipments only. This course is recommended only for individuals who routinely certify a wide range of hazardous materials for shipments, as it is difficult and fast paced for students who have not certified since their initial qualification. The course is extremely technical and requires at least average reading ability. Personnel eligible: uniformed personnel of the armed forces, DOD civil service personnel, and (with appropriate CNET quota approval) eligible DOD civilian contractors. Students are required to provide silent, four-function, hand-held calculators.

Prerequisites

Successful completion of the Transportation of Hazardous Materials course (A-822-0012) or the Army/Air Force/DOT equivalent.

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military
Civilian
DOD Contractors

Completion standard

Tests

Delivery method

Classroom
Video Teleconference

Training outcomes

Qualification to certify HAZMAT for shipment

Emphasis

Transportation
Hazardous Material (HAZMAT) Management
Regulatory Compliance

Service Courses

Supply and Logistics Courses

Description

The following courses attached represent training available from military sources in the area of supply chain management and logistics. Basic descriptions are included. See contact information below for more information and individual points of contact for these courses.

Training type

Courses

MSgt Bonnie Tuff
Military Training Office, Defense Logistics Agency
Commercial: 703-767-5481
E-mail: Bonnie.Tuff@dla.mil
8725 John J. Kingman Road
Ft. Belvoir, VA 22060-6221

Advanced Supply Management

End-to-End	Supply	Distribution	Transportation

ID number: L3AAR2S071-000

Training type

Military Course

Description

Development of supply policy and enhancements, supply chain management, logistics information, training and equipping personnel, stockage/retention policy, defense working capital fund, mission support/weapon system management, logistics readiness, agile combat support, wartime contingency planning, and supply studies and analysis.

Prerequisites

MSgts (MSgt select) with a minimum of 4 years of USAF supply experience; civilians, GS-9 and above (or equivalent WG and WS) with a minimum 4 years supply experience or 2 years major command (MAJCOM) supply experience whose duties require either management or evaluation of the USAF supply system.

Who should attend

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian—GS, WG, WS (GS-9 equivalent or above)

Completion standard

Course completion

Delivery method

Classroom

Length

15 academic days

Emphasis

Supply Management

Training outcome

Certificate of Completion

Location of course

Lackland AFB, TX

Supply Management Apprentice

End-to-End	Supply	Distribution	Transportation

ID number: L3ABR2S031–006

Training type

Military Course

Description

Task related knowledge and performance that is required to attain the 3-skill level designation. Scope of instruction includes: supply career field, USAF supply system, microcomputers, input-output devices, national stock number, item and part number records, rejects/management notices and inquiries, issue process, nonmission capable process, document control process, repair cycle process, warehouse management, selection and movement of property, inspection, bench stock, receiving process, receipt discrepancies, turn-in process, pick-up and delivery, stock control process, inventory process, equipment management, retail sales, war reserve material (WRM), and post-post. Course places particular emphasis on preparing and processing computer inputs as well as processing the computer output products.

Prerequisites

None

Level

Entry
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

34 days

Emphasis

Supply Management

Training outcome

Certificate of Completion

Location of course

Lackland AFB, TX

Supply Systems Analyst Apprentice

End-to-End	Supply	Distribution	Transportation

ID number: L3ABR2S032–001

Training type

Military Course

Description

This course trains Air Force personnel in AFSC 2S032 in the knowledge and skills needed to operate the remote processing station (RPS). Included in this course are microcomputers and networks, introduction to the Standard Base Supply System (SBSS), system processors, interactive processing facility query language processor (QLP), supply system user report generator (SURGE), RPS management, and RPS processing.

Prerequisites

None

Level

Entry
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

51 academic days

Emphasis

Supply Analysis

Training outcome

Certificate of Completion

Location of course

Lackland AFB, TX

Logistics Readiness Officer, Supply

End-to-End	Supply	Distribution	Transportation

ID number: L6ONU21R1–002

Training type

Military Course

Description

Standard base supply system (SBSS), principles of stockage policy, stockage policy for consumable and reparable items, adjusted stock levels, supply chain management, regionalization and its impact, storage and distribution, issue/due-out process, requisitioning, mission capability (MICAP) processing, repair cycle management process/due-in from maintenance (DIFM), equipment management, supply management activity group (SMAG), and mission support (peacetime/contingency/{wartime}support).

Prerequisites

Course intended for company grade officers who have previously attended 21G1, 21S1, or 21T1 initials skills or bridge course, but who have not attended training in all aspects of logistics readiness, and are required to complete training for those competencies not awarded in order to become a fully qualified 21R3.

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military—Company Grade Officers

Delivery method

Distance Learning

Completion standard

Course completion

Emphasis

Supply Management

Length

90 calendar days

Training outcome

Certificate of Completion

Technical Transportation of Hazardous Material

End-to-End	Supply	Distribution	Transportation

ID number: J5AZA2W071–012 (USAF) or AMMO–62 (USA)

Training type

Military Course

Description

Provides personnel from all services detailed technical information pertaining to all phases of transportation of hazardous materials, and satisfies the mandatory training for persons who certify hazardous materials and conduct function specific training for subordinate personnel as specified in the Defense Transportation Regulation (DOD 4500.9–R). Emphasis is on U.S. and international laws and regulations covering transportation of hazardous materials by all modes. International regulations covered include the International Maritime Dangerous Goods Code and International Commercial Air Transport Associations Dangerous Goods Regulations. US regulations covered include the Department of Transportation (DOT) 49 Code of Federal Regulations (CFR) and U.S. military regulations. Course material includes emphasis on hazard communications (i.e. shipping papers, marking, labeling, and placarding); packaging, compatibility on transport vehicles, security requirements, and emergency response information. Students successfully completing the course will understand the requirements for shipping hazardous materials by all modes of transportation, to include highway, rail, commercial air, military air, and vessel.

Prerequisites

First priority given to individuals requiring certification training outlined in AFJMAN 24–204 and DOD 4500.9–R. Individuals selected should be performing work in some phase of transportation of hazardous materials to include any functions or operations duties performed in shipment planning, equipment selection and inspection, shipment receiving or release, documentation, or any other aspect of traffic management, and have some basic familiarity with Federal and military regulations pertaining to the transportation of hazardous materials (HAZMAT).

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

90 calendar days

Emphasis

Transportation
HAZMAT

Training outcome

Certificate of Completion

Location of course

McAlester, OK

Air Transportation Apprentice

End-to-End	Supply	Distribution	Transportation

ID number: L3ABR2T231-004

Training type

Military Course

Description

This course trains personnel in the techniques, functions, responsibilities, and duties pursuant to air cargo and air passenger handling. Instruction incorporates training on manual and automated cargo, mail, and passenger processing systems. Covers originating, in-transit, and terminating cargo and passenger processing operations; storage and warehousing of general cargo, mail, and hazardous material; aircraft loading and off loading procedures for cargo, passengers, and baggage; originating, in-transit, and terminating aircraft fleet services operations; scheduling of cargo and personnel for air movement, and principles of customer relations and communications are introduced. Included is preparation and maintenance of records for all cargo and passenger movement activities, and operator maintenance and inspection of 463L material-handling equipment (MHE) and passenger/baggage-handling equipment.

Prerequisites

First priority given to individuals requiring certification training outlined in AFJMAN 24-204 and DOD 4500.9-R. Individuals should be performing work in some phase of transportation of hazardous materials to include any functions or operations duties performed in shipment planning, equipment selection and inspection, shipment receiving or release, documentation, or any other aspect of traffic management. Personnel should have some basic familiarity with federal and military regulations pertaining to the transportation of hazardous materials (HAZMAT).

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

90 calendar days

Emphasis

Transportation
HAZMAT

Training outcome

Certificate of Completion

Location of course

McAlester, OK

Military Standard Transportation and Management Procedures

End-to-End	Supply	Distribution	Transportation

ID number: L5AZA2T051–000 (USAF) 8C–F9/811–F1 (USA)

Training type

Military Course

Description

This course presents a general overview of MILSTAMP application and its interface with other military standard transportation systems. Subjects include Activity Address Directories, Transportation Account Codes, shipment planning, Transportation Control and Movement Document (TCMD) preparation, clearance procedures, address marking, ocean cargo and air terminal documentation, shipment tracing, and intransit data reporting.

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military—Officers and Warrant Officers
Civilian—GS–4 and above

Completion standard

Course completion

Delivery method

Classroom

Length

2 weeks

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

Fort Eustis, VA

Defense Packaging of Hazardous Materials for Transportation

End-to-End	Supply	Distribution	Transportation

ID number: L5AZA2T051–006 (USAF) 8B–F7 (USA)

Training type

Military Course

Description

The course provides training in the use of regulatory documents for the transportation of hazardous materials (HAZMAT). The documents include those that regulate domestic commercial shipments (Code of Federal Regulations Title 49), international air shipments (International Air Transport Association and International Civil Aviation Organization), international water shipments (International Maritime Dangerous Goods Code), and military air shipments (AFJMAN 24–204). Areas of particular study include classification, shipping papers, marking and labeling, placarding, compatibility, as well as containers authorized for packaging of hazardous materials. In addition, the course contains instruction certification requirements.

Note: This training satisfies the DOD 4500.9–R, Chapter 204, paragraph E and paragraph A25.3 of AFJMAN 24–204/TM 38–250/NAVSUP PUB 505/MCO P4030.19/ DLAI 4145.3, preparing hazardous materials for Military Air shipment, for the initial certification.

Prerequisites

None

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standard

Course completion

Delivery method

Classroom

Length

2 weeks

Emphasis

Transportation
HAZMAT

Training outcome

Certificate of Completion

Location of course

Aberdeen Proving Ground, MD

Transportation Combat Readiness & Resources

End-to-End	Supply	Distribution	Transportation

ID number: L6AZS2T251-000

Training type

Military Course

Description

This distance learning course provides training in the knowledge and skills needed to perform duties in Combat Readiness & Resources Flight. Training includes: introduction to combat readiness, organizational structure and responsibilities, deployment readiness training, unit deployment manager responsibilities, deployment planning processes, security management, resource programs, airlift validation, awards programs, and Air Expeditionary Force (AEF) concepts.

Prerequisites

None

Level

Technical

Personnel status

Military

Civilian

Completion standard

Course completion

Delivery method

Distance Learning

Length

60 calendar days

Emphasis

Transportation

Training outcome

Certificate of Completion

Defense Distribution Management Course

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F10

Training type

Military Course

Description

The management and operations of the defense distribution system are studied with particular emphasis given to the major depot functions of receiving, storing, packaging, physical inventory, issuing, transportation, resource management and controlling of materiel. The association of these functions to other logistic functions is studied in order to understand their inter-relationships

Prerequisites

Commissioned officers and warrant officers having 2 years of active duty remaining after course completion who are in, or on orders to, a position requiring knowledge of distribution management responsibilities. Enlisted personnel pursuing a related OPMS program and members of the NCO Logistics Program are also eligible. Civilians must be either GS or wage grade personnel assigned in or anticipating assignment within the logistic management field requiring a knowledge of wholesale distribution management and/or having supervisory responsibility. Management trainees/interns should anticipate having 1 year of Government service remaining after completing the training program. This course is applicable to interns assigned to depots regardless of career program. Other personnel will be considered on a waiver basis.

Level

Technical
Administrative/Professional
Managerial

Personnel status

Military—Officers (Designated
Fields/Jobs)
Civilian— (Designated Fields/Jobs)

Completion standard

Course completion

Delivery method

Classroom

Length

2 weeks testable read ahead/2 weeks in-residence

Emphasis

Distribution Management

Training outcome

Certificate of Completion

Location of course

Various

Introduction to Defense Transportation

End-to-End	Supply	Distribution	Transportation

ID number: IDT

Training type

Course

Description

The Introduction to Defense Transportation (IDT) course is designed to provide an overview of Defense Transportation for non-transporters. The course examines the broad spectrum of deployment, sustainment, and re-deployment as well as projected innovations to the defense transportation system developed as a consequence of technical advancements. Emphasis is placed on the concepts and key factors involved in the development of national strategy, the organizational structure for defense transportation, and the joint planning processes involved in the defense transportation effort. All armed services and components are represented and representatives from other nations are frequently enrolled, as well.

Prerequisites

The target audience consists of traffic management officers and designated supervisory personnel assigned to key positions in the United States Transportation Command (USTRANSCOM), USTRANSCOM's component commands, the Defense Logistics Agency (DLA), and other organizations.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

7 days

Emphasis

Defense Transportation System

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

Defense Advanced Traffic Management Course

End-to-End	Supply	Distribution	Transportation

ID number: L5OZA21T4 000 (USAF)
8C-F3 (USA)

Training type

Course

Description

The Defense Advanced Traffic Management (DATMC) course is designed to follow the course, Defense Traffic Management course. The emphasis is on contemporary issues from the military and commercial transportation industry, and accommodates guest lecturers from DOD and other Federal agencies, and from the commercial sector. The class tours a variety of military and commercial transportation facilities.

Prerequisites

Defense Traffic Management is the prerequisite course. Active Army and Reserve Component commissioned officer (MAJ or above), and GS-11 civilians who are assigned or are on orders to traffic management positions.

Level

Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

2 weeks

Emphasis

Defense Transportation System

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

Supply Management/AMC Career Intern Training Program

End-to-End	Supply	Distribution	Transportation

ID number: SEL–SM

Training type

Intern Training Program

Description

This course is designed to provide principles and fundamentals of the supply portions of the Army logistics systems. The program covers the total spectrum of supply and supply-related operations performed in the Army. It includes detailed coverage of current systems and exposure to emerging systems. The program consists of the following subject areas: General Orientation; Management Development; Field Army Supply Systems; Inventory Management; Distribution and Storage Management; Integrated Logistics Support, and Related Logistics Functions. Upon completion of the instructional portion of the program (39 weeks), the intern will be provided up to 13 weeks of basic skill development rotational OJT at the permanent duty location in the GS–346 or GS–2000 grade series. Rotation OJT will be interspersed with intensified specialized training during the training period. The final period of training will consist of 52 weeks of individual specialized training and supplemented, as appropriate, by the intern's attendance at mandatory formal training courses

Prerequisites

Participant must be able to be cleared for SECRET clearance.

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

39 weeks instructional (52 weeks total)

Emphasis

Supply Chain Management

Training outcome

Certificate of Completion

Location of course

School of Engineering and Logistics,
Texarkana, TX

Technical Transportation of Hazardous Materials

End-to-End	Supply	Distribution	Transportation

ID number: AMMO-L-17

Training type

Course

Description

This course provides personnel from all Services with detailed information pertaining to transportation of hazardous materials by all modes of transportation. Included is emphasis on international and DOT regulations covering transportation of hazardous materials by all modes, to include highway, rail, military air, commercial air and vessel. Course material will include UN POP marking, labeling and hazard communications requirements. Compatibility of hazardous materials during transportation is emphasized as is physical security of sensitive arms ammunition and explosives. International regulations covered include International Maritime Dangerous Goods Code and International Commercial Air Transport Associations Dangerous Goods Regulations. Course meets the training requirements of para 1-20b AFR 71-4/TM 38-250/NAVSUP PUB 505/MCO P4030. 19E/DLAM 4145.3 and PARA 33-7 AR 55-355, Defense Traffic Management Regulation.

Prerequisites

First priority is for those individuals who are enrolled in the QASAS Intern Program as defined in AR 690-950-20 and other personnel requiring certification training outlined in AFR 71-4 and AR 55-355. Candidates selected should be performing work in some phase of transportation of hazardous materials, to include any functions or operational duties performed in shipment planning, equipment selection and inspection, shipment receiving or release, documentation, and any aspect of traffic management. Personnel should have some basic familiarity with Federal and military regulations pertaining to the transportation of hazardous materials.

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

1 week 4.5 days

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

U.S. Army Defense Ammunition Center
and School, Savanna, IL

Basic Packaging (Marine Corps)

End-to-End	Supply	Distribution	Transportation

ID number: SMPT-1

Training type

Marine Course

Description

The course is designed to train enlisted personnel of the Marine Corps in basic preservation and packing principles; the approved policies, methods, and techniques of vehicle processing for shipment or storage; and the general requirements for the handling of hazardous materials. Course encompasses only the most predominate processes, methods, procedures, containers, and marking methods used in the field of preservation and packing at DOD installations. It provides the theory and practical application of procedures required for cleaning, preserving, processing, and marking of general purpose vehicles, track laying vehicles, materiel handling equipment, and construction equipment. It also provides training in the transportation of hazardous materials by military aircraft for handlers.

Prerequisites

The course is designed for enlisted personnel who have assignments at an entry or basic level in preservation and packing operations for the Marine Corps, MOS 3052 Preservation, Packaging and Packing Technician. Enlisted personnel should have 9 months or more of active or reserve component service remaining after completion of this course.

Level

Entry

Personnel status

Military

Completion standard

Course completion

Delivery method

Classroom

Length

5 weeks

Emphasis

Packaging

Training outcome

Certificate of Completion

Location of course

MCLB, Albany, GA

Defense Basic Preservation and Packing

End-to-End	Supply	Distribution	Transportation

ID number: 822–F13 (JT)

Training type

Course

Description

This course is designed to train enlisted personnel and civilian employees of the Army, Navy, Air Force, Marine Corps, and DLA in basic preservation and packing principles, and procedures in preparing new and repairable materiel for storage or shipment. Course is oriented toward DOD packaging policies, specifications and standards, cleaning and drying, preservation, cushioning and blocking, packing for shipment, marking, unit pack construction and unitization of cargo. Classroom and "hands-on" practical exercises are conducted.

Prerequisites

This course is designed for operational enlisted and civilian personnel who have assignments at an entry or basic level in preservation and packing operations, transportation, parcel post, pre-pack, pre-issue, storage, maintenance, and supply. The course is required for Marine Corps MOS 3052, Preservation, Packaging and Packing Technician, or Marines who have not completed SMPT–I (MC). All nominees must possess the ability to read and comprehend the content of the course. Enlisted personnel should have 9 months or more of active or reserve component service remaining after completion of the course. This course is not designed for students who have successfully completed 8B–F1 and 8B–F2.

Level

Entry

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

9.5 days

Emphasis

Packaging

Training outcome

Certificate of Completion

Location of course

School of Military Packaging Technology
Aberdeen Proving Ground, MD

Defense Advanced Preservation and Packing

End-to-End	Supply	Distribution	Transportation

ID number: 8B–F3 (JT)/822–F3 (JT)

Training type

Course

Description

Course provides a vehicle for discussion of DOD-wide packaging philosophies, issues, problems, evaluation of techniques and materiel which may affect efficiency of packaging operations. Mandatory attendance is required for re-certification of SMPT Accredited Off-Campus Instructors at 3-year intervals. Seminar approach to learning is heavily emphasized. Student involvement is enhanced by conducting briefings or presenting discussion papers. Subjects include, but are not limited to, ESD packaging, environmental considerations, transportation of hazardous materials, Defense Packaging Policy Group activities, DOD packaging simplification and recent changes in specifications and standards. Guest speakers provide insight into current trends and developments in the field of military packaging. Students will evaluate these trends/developments for possible implementation at local installations to improve the packaging efficiency operations. Case studies offer the opportunity to recommend solutions to problems analogous to military packaging.

Prerequisites

This course requires that students have successfully completed 8B–F1(JT)/822–F1(JT) Defense Preservation and Intermediate prior to starting date of this course, or have had practical experience equivalent to the scope of instruction contained in those courses. This course is designed for military and civilian personnel of the DOD and other government activities and contractor personnel who have a packaging contract with a military service or are suppliers of packaging materials to the Service or have declared an intent to bid on a military contract.

Level

Technical
Administrative/Professional

Personnel status

Military
Civilian

Completion standards

Course completion

Delivery method

Seminar

Length

4.5 days

Emphasis

Packaging

Training outcome

Certificate of Completion

Location of course

School of Military Packaging Technology,
Aberdeen Proving Ground, MD

Defense Packaging Data System

End-to-End	Supply	Distribution	Transportation

ID number: SMPT-4

Training type

Course

Description

This course is designed to train military and civilian personnel of DOD in the proper implementation of MIL-STD-2073-1 and MIL-STD-2073-2 when developing and transmitting packaging data. Course addresses the applicability, interpretation, implementation, and codification of the requirements of MIL-STD-2073-1, DOD Materiel Procedures for Development and Application of Packaging Requirements, and the use of MIL-STD-2073-2, Packaging Requirements Codes to encode and decode the packaging data following the procedures of MIL-STD-2073-1.

Prerequisites

Candidates for the course should have a basic working knowledge of preservation and packaging equivalent to 8B-F1(JT), Defense Preservation and Intermediate Protection, and 8B-F2 (JT), Defense Packing and Unitization course. Nominees should have a minimum of 2 years of service remaining after course completion. In addition, they must be able to read and understand specifications, standards, and other Government publications, and have a working knowledge of automated data processing systems. This course is designed for military and civilian personnel of the DOD and contractor personnel who have current or anticipated assignments that require the ability to develop and record packaging requirements following the procedures of MIL-STD-2073-1 and MIL-STD-2073-2.

Level

Managerial

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

3 days

Emphasis

Packaging

Training outcome

Certificate of Completion

Location of course

School of Military Packaging Technology,
Aberdeen Proving Ground, MD

Basic Freight Traffic

End-to-End	Supply	Distribution	Transportation

ID number: 8C–F12/553–F1

Training type

Course

Description

Transportation officer functions; motor, rail, water, and air carrier industries; routing; tariffs and tenders; transportation security; hazardous cargo; loss and damage; freight documentation; detention and demurrage; carrier performance program; transportation coordinator—automated command and control system freight module; and the role of the transportation component commands.

Prerequisites

DOD commissioned officers, 2LT–CPT; warrant officers; enlisted, SPC, and above; civilians, GS–3 through GS–9, and contractor personnel assigned or on orders to positions where procuring and/or evaluating commercial transportation services are required. Enlisted MOS: 0203.

Level

Administrative/Professional
Managerial

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

2 weeks

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

Cargo Specialist

End-to-End	Supply	Distribution	Transportation

ID number: 822–88H10

Training type

Course

Description

Rigging and positioning ship's cargo-handling gear and safety nets; operating materials-handling equipment (MHE), winches, and cranes; loading procedures for shipment by air, rail, and motor; and lift-on/lift-off and roll-on/roll-off stevedoring operations aboard ship for vehicles, heavy lifts, containers, and general cargo.

Prerequisites

None

Level

Technical

Personnel status

Military
Civilian

Completion standard

Course completion

Delivery method

Classroom

Length

9 weeks, 1 day

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

Division Transportation Officer

End-to-End	Supply	Distribution	Transportation

ID number: 8C–F25/553–F9

Training type

Course

Description

The course covers the functions and responsibilities of the Division Transportation Officer (DTO). There will be a strong focus on strategic deployment and movement control in an area of operations. This includes planning and execution functions and the interaction of the DTO with the Installation Transportation Officer (ITO), the Corps Transportation Officer (CTO), Movement Control Center (MCC), and Movement Control Officer (MCO). This includes planning, coordinating, controlling, programming, and regulating the allocation and use of transportation resources in order to fulfill movement requirements and the strategic, operational and tactical levels of war.

Prerequisites

Active Army and Reserve Component officers (CPT and above), and NCOs (SFC and above), assigned or en-route to a movement control assignment at corps, division, or separate brigade.

Level

Administrative/Professional
Managerial

Personnel status

Military—CPT and above, Senior NCOs

Completion standard

Course completion

Delivery method

Classroom

Length

2 weeks

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

Rough Terrain Container Handling Operation

End-to-End	Supply	Distribution	Transportation

ID number: 822-AS1B1

Training type

Military Course

Description

Course presents responsibilities of the operator, hydraulic controls and instruments, equipment operation, ground stacking of containers, chassis loading/unloading, railway operations, operational maintenance, and safety.

Prerequisites

Active or Reserve Component enlisted personnel, Sergeant or below, qualified in MOS 88H, 76V, or 55B; or DARCOM civilians. Must be licensed to operate the 6,000 or 10,000 pound forklift. Enlisted ASI: B1.

Level

Technical
Administrative/Professional

Personnel status

Military

Completion standard

Course completion

Delivery method

Classroom

Length

2 weeks, 2 days

Emphasis

Distribution

Training outcome

Certificate of Completion

Location of course

MCLB, Albany, GA

Transportation Officer Basic

End-to-End	Supply	Distribution	Transportation

ID number: 8-55-C20-88A/C/D

Training type

Military Course

Description

The course is oriented toward maximizing practical training with a minimum of theoretical instruction, while training each officer in the tasks of how to lead, how to maintain, how to fight, and how to transport.

Prerequisites

Active Army or Reserve Component newly commissioned lieutenants whose actual assignment is to the Transportation Corps. Requires SECRET clearance (interim).

Level

Administrative/Professional
Managerial

Personnel status

Military

Completion standard

Course completion

Delivery method

Classroom

Length

17 weeks, 3 days

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

Transportation Officer (Branch Qualification)

End-to-End	Supply	Distribution	Transportation

ID number: 8–55–C20–88A/C/D (BQ)

Training type

Military Course

Description

This transportation course is oriented toward the practical and theoretical aspects of transportation operations.

Prerequisites

Active Army commissioned officers whose branch is Transportation, but have been detailed in a combat arms branch. The officer must have completed an equivalent branch basic qualifying course. SECRET clearance required (interim).

Level

Managerial

Personnel status

Military

Completion standard

Course completion

Delivery method

Classroom

Length

4 weeks

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

Transportation Pre-Command

End-to-End	Supply	Distribution	Transportation

ID number: 2G–F47

Training type

Military Course

Description

Emphasis is placed on officer professional development in the field of transportation and combat service support. The course is oriented toward the practical and theoretical aspects of command. Training is based on the critical tasks the Transportation Corps field grade officer must be able to provide for combat service support for the AirLand Battle.

Prerequisites

Active Army and Reserve Component commissioned officer (MAJ or above) with Branch Code 88 as an initial or additional specialty, selected as designees for battalion, group, or brigade commands.

Level

Managerial

Personnel status

Military

Completion standard

Course completion

Delivery method

Classroom

Length

1 week

Emphasis

Transportation

Training outcome

Certificate of Completion

Location of course

U.S. Army Transportation School,
Fort Eustis, VA

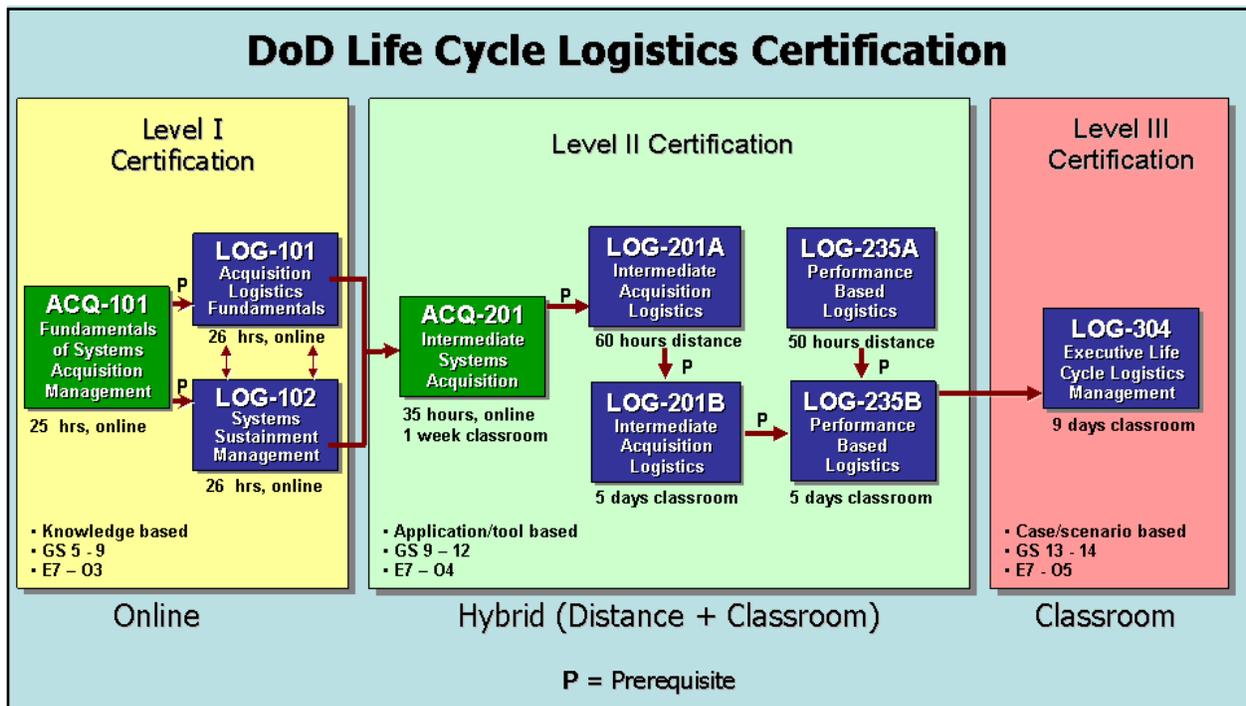
Defense Acquisition University

Description

Authorized by Title 10 United States Code 1746 and chartered by DOD Directive 5000.57, the Defense Acquisition University (DAU) provides practitioner training, career management, and services to enable the DOD Acquisition, Technology, and Logistics (AT&L) community to make smart business decisions and deliver timely and affordable capabilities to the warfighter. Although traditionally associated with contracting and acquisition, DAU is increasingly focused on the defense logistics community at-large as part of the department's focus on Total Life Cycle Systems Management (TLCSM). By DOD definition, Logistics Management is the process of "getting the right things to the right places, at the right time, for the right cost." As a result, DOD logistics management encompasses the entire system's life cycle, including acquisition (design, develop, test, produce, and deploy), sustainment (operations and support), and disposal.

The training programs offered at DAU were established as a result of the Defense Acquisition Workforce Improvement Act (DAWIA), which identifies education, training, and experience requirements for AT&L workforce members by career field and certification level. In the ever-changing acquisition environment of the 21st century, currency in any career field requires more than certification training alone. To complement the DAWIA requirements, DAU offers a platform of learning assets that are accessible to all workforce members anytime, anywhere.

The chart below is a simplified representation of the courses required for certification. At each level, educational and/or experiential expectations must also be met.



Building around a foundation of knowledge sharing, continuous learning, performance support, and training courses, DAU developed and implemented the AT&L Performance Learning Model (PLM) that lays the groundwork for meeting the career-long training and professional development needs of the AT&L workforce. High quality information about PLM and each of its components is available from <http://www.dau.mil/plm/plm.asp>.

As part of their knowledge sharing mission, DAU's Acquisition Community Connection (ACC) hosts online communities of practice to provide electronic forums for sharing knowledge, information, lessons learned, and best practices. DAU hosts nine functional Communities of Practice (CoP) and sixteen special interest areas as part of the ACC. The most frequently used of these sites is the on-line Defense Life Cycle Logistics Management Community of Practice at http://acc.dau.mil/simplify/ev.php?ID=9914_201&ID2=DO_COMMUNITY.

In addition to training and education information, the site includes policy, guidance, tools, and a wealth of material for community access, including extensive Performance Based Logistics (PBL), supportability, and sustainment resources. Defense Life Cycle Logistics position category descriptions and certification requirements, revised in 2004, are also available at http://acc.dau.mil/simplify/ev.php?ID=20067_201&ID2=DO_TOPIC.

Enrollment in DAU courses can seem complex at first. Most Federal employees, both civilian and military, must enroll through their home component's acquisition career manager. For a list by agency, see <http://www.dau.mil/registrar/enroll.aspx#links>.

The pages that follow include more detailed information on the three levels of certification under the Life Cycle Logistics Management program. In addition, there is information about other logistics-related courses that, although not part of the DAWIA certification curriculum, provide valuable logistics information.

Acknowledgements

Recognized by Force-Centric Logistics Enterprise (FLE)

Training type

- Certification
- Courses

Accredited by

Council on Occupational Education (COE)

DAU Student Affairs

Commercial: 888-284-4906

E-mail: student.services@dau.mil

Web sites:

Business: www.dau.mil

Logistics Training: http://acc.dau.mil/simplify/ev.php?ID=10651_201&ID2=DO_TOPIC

9820 Belvoir Road
Ft. Belvoir, VA 22060-5565

Defense Life Cycle Logistics, Level I Certification

End-to-End	Supply	Distribution	Transportation

Training type

Certification

Description

Level I is designed for those recently assigned responsibility to plan, establish, and maintain the logistics support infrastructure for DOD systems and equipment in the logistics life cycle. Certification requirements include three knowledge-based, online courses. ACQ 101 must be taken first; however, LOG 101 and 102 may be taken in any order. See the DAU catalog at <http://www.dau.mil/catalog/> for more information. Life Cycle Logistics certification details are at http://acc.dau.mil/simplify/ev.php?ID=10651_201&ID2=DO_TOPIC.

- **ACQ 101 – Fundamentals of Systems Acquisition Management** (25 hours, self-paced)
This course provides a broad overview of the DOD systems acquisition process, covering all phases of acquisition. It introduces the Joint Capabilities Integration and Development System (JCIDS) and resource allocation processes, the DOD 5000 Series documents governing the defense acquisition process, and current issues in systems acquisition management. Designed for individuals who have little or no experience in DOD acquisition management, ACQ 101 has proven very useful to personnel in headquarters, program management, and functional or support offices.
- **LOG 101 – Acquisition Logistics Fundamentals** (26 hours, self-paced)
This course provides a broad overview of the role of acquisition logistics in the system acquisition life cycle and system engineering processes. Modules cover the logistics-relevant aspects of requirements identification, life cycle costing, integrated product and process development, sustainment logistics, supportability analysis, product support, contracting, and contractor support. (Prerequisite: ACQ 101)
- **LOG 102 – Systems Sustainment Management Fundamentals** (26 hours, self-paced)
This course provides a broad overview of the role of the life cycle logistician during the sustainment phase of a weapons system's life cycle. Modules cover logistics/supply-chain management concepts, maintenance processes, end-to-end distribution, best commercial practices as applied to weapons systems sustainment, performance metrics, partnering/alliance opportunities and experiences, performance-based support, enterprise business environment and opportunities, and reduction in life cycle/total ownership costs. (Prerequisite: ACQ 101)

Additional Requirements for certification:

- Education – Baccalaureate degree in a technical, scientific, or managerial field (desired)
- Experience – 1 year of acquisition experience

Prerequisites

See descriptions above.

Who should attend**Level**

Technical
Administrative/Professional

Completion standard

Course completion (3 courses)

Length

Self-paced, approximately 77 hours

Training outcome

Life Cycle Logistics, Level I Certification

Location of courses

Online at <http://www.dau.mil/catalog/>

Personnel status

Military (E-7 to O-3)
Civilian (GS-5 to GS-9)

Delivery method

Online

Emphasis

Life Cycle Logistics
Acquisition Logistics
Sustainment

Defense Life Cycle Logistics, Level II Certification

End-to-End	Supply	Distribution	Transportation

Training type

Certification

Description

Level II is intended for the mid-level logistics professional needing the skills required to excel in today's demanding and dynamic product support environment. Certification requirements include three application/tools-based courses. Each course has a Part A that is accomplished by distance learning (DL), and a Part B experiential component that is classroom-based. For certification, both parts must be taken for each course. See the DAU catalog at <http://www.dau.mil/catalog/> for more information. Life Cycle Logistics certification details are at http://acc.dau.mil/simplify/ev.php?ID=10651_201&ID2=DO_TOPIC.

- **ACQ 201 – Intermediate Systems Acquisition** (35 hrs online + 1 week classroom)
Intermediate Systems Acquisition, Part A, uses computer-based training to prepare mid-level acquisition professionals to work in integrated product teams by understanding systems acquisition principles and processes. The classroom experiences in Part B provide group interaction to support and apply the principles learned in Part A. (Prerequisites: ACQ 101; ACQ 201A must be complete before attending 201B)
- **LOG 201 – Intermediate Acquisition Logistics** (60 hrs DL + 1 week classroom)
Intermediate Acquisition Logistics, Part A, provides a real-time learning environment oriented toward developing managerial and technical logistics competencies in the areas of systems engineering, life cycle cost management, and risk analysis. It challenges the student to understand how early integration of operational supportability into the system deployment process leads to achievement of DOD's strategic logistics goals. Part B provides a dynamic group-based learning environment oriented toward further development of logistics competencies in the areas of systems engineering, life cycle cost management, and risk analysis (introduced in LOG 201A). It challenges the student to think critically and differentiate support alternatives and provide solutions to ensure the early integration of operational supportability into the system development process. (Prerequisites: ACQ 201B, LOG 101, and LOG 102; LOG 201A must be complete before attending 201B)
- **LOG 235 – Performance Based Logistics** (50 hrs DL + 1 week classroom)
Part A of this course provides a learning environment focused on developing logistics competencies. Students review current policy and demonstrate an understanding of how early integration of performance-based support concepts into the system development process leads to achievement of DOD's logistics goals. Performance Based Logistics, Part B, provides a dynamic, group-based and facilitated learning environment where the student develops the logistics competencies introduced in LOG 235A. The student acquires tools and techniques required to design, develop, and implement performance-based support at the system, subsystem, or commodity level in new acquisition and legacy systems. It challenges the student to think critically and differentiate among support alternatives and provide solutions. (Prerequisites for LOG 235A: none. Prerequisites for LOG 235B: LOG 201B; LOG 235A must be complete before attending 235B.)

Additional Requirements for certification:

- Education – Baccalaureate degree in a technical, scientific, or managerial field (desired)
 - ◊ Baccalaureate degree in a technical, scientific, or managerial field (desired)
 - ◊ Completion of Graduate level classes in Systems Design and Operational Effectiveness (SDOE) or similar systems engineering/technical education as part of a Certificate Program (desired)
 - ◊ Completion of graduate-level classes in business/management or supply chain management as part of a certificate program (desired)
- Experience
 - ◊ 2 years of life cycle logistics experience in support of DOD weapons/material systems
 - ◊ An additional 2 years of life cycle logistics experience in support of DOD weapons/material systems (desired)

Prerequisites

See descriptions above. Due to prerequisites, courses are best taken in sequence.

Who should attend**Level**

Technical
Administrative/Professional

Personnel status

Military (E-7 to O-4)
Civilian (GS-9 to GS-12)

Completion standard

Course completion (3 courses)

Delivery method

Hybrid courses: Part A is by distance learning; Part B is classroom

Length

Self-paced elements: about 145 hours
Classroom elements: 3 one-week sessions

Emphasis

Life Cycle Logistics
Acquisition Logistics
Sustainment

Training outcome

Life Cycle Logistics, Level II Certification

Location of courses

For options and enrollment information, see
<http://www.dau.mil/basedocs/trainingcourses.asp>

Defense Life Cycle Logistics, Level III Certification

End-to-End	Supply	Distribution	Transportation

Training type

Certification

Description

Level III is designed for executive-level logistics management professionals and policy-makers. Certification requirements include one case/scenario based course. See the DAU catalog at <http://www.dau.mil/catalog/> for more information.

Links to information about Life Cycle Logistics certification requirements, courses, and community are at http://acc.dau.mil/simplify/ev.php?ID=10651_201&ID2=DO_TOPIC. In addition, this page includes links to a variety of logistics-related policy, guidance, and program information.

- **LOG 304 – Executive Life Cycle Logistics Management** (9 classroom days)
This course prepares the acquisition and sustainment life cycle logistician to perform in executive-level logistics management and policy-making positions. Students are required to conduct research and perform critical thinking in a small group decision-making environment. Students engage in dynamic, fast-paced case study exercises addressing complex relationships in life cycle logistics support planning, acquisition policy, capabilities analysis, program management, performance-based logistics, and business case analysis. (Prerequisite: LOG235B)

Additional Requirements for certification:

- Education
 - ◇ Master's degree in Systems Design and Operational Effectiveness (SDOE) or similar systems engineering/technical education (desired) or
 - ◇ Master's degree in business administration to include supply chain management (desired)
- Experience
 - ◇ 4 years of life cycle logistics experience in support of DOD weapons/material systems
 - ◇ An additional 4 years of life cycle logistics experience in support of DOD weapons/material systems (desired)

Prerequisites

See description above.

Who should attend**Level**

Technical
Administrative/Professional

Personnel status

Military (E-7 to O-5)
Civilian (GS-13 to GS-14)

Completion standard

Course completion

Delivery method

Classroom

Length

9 days

Emphasis

Life Cycle Logistics
Acquisition Logistics
Sustainment

Training outcome

Life Cycle Logistics, Level III Certification

Location of courses

For options and enrollment information, see
<http://www.dau.mil/basedocs/trainingcourses.asp>

Other Assignment-Specific Courses

End-to-End	Supply	Distribution	Transportation

Training type Courses

Description

DAU offers a variety of assignment-specific logistics courses outside the certification process. A sampling is listed below. See the logistics community training page for links and referrals to other resources. (http://acc.dau.mil/simplify/ev.php?ID=10651_201&ID2=DO_TOPIC)

Assignment-Specific Courses in the DAU catalog (<http://www.dau.mil/catalog/default.aspx>)

- **LOG 203 – Reliability and Maintainability** (self-paced, online; prerequisite: ACQ 201B)
- **LOG 204 – Configuration Management** (5 days, classroom; prerequisite: ACQ 201B)

Continuous Learning Center (http://clc.dau.mil/kc/no_login/portal.asp)

The DAU Continuous Learning Center offers learning opportunities designed to maintain currency and help certified employees meet the DOD requirement to complete 80 hours of continuous learning every 2 years. As of December 2004, there were 89 training modules covering a myriad of topics. New modules are constantly being added, with modules on Designing/Assessing Supportability in DOD Weapon Systems, DMSMS & Obsolescence, and Packaging currently in work. A sampling of related courses follows:

- **CLL006 Depot Maintenance Partnering** – Introduces ways in which Depot Maintenance Partnering can be used as a cost-effective technique for applying a Performance Based Logistics (PBL) philosophy in the 'real world'. (1.5 hours)
- **CLL009 Force-centric Logistics Enterprise (FLE)** – Centers on the need to provide a military force with all of the war-waging support it needs: ordinance and supplies, intelligence, communications, medical support, etc. Examines DOD's ongoing efforts to modernize its logistics organization and capabilities.
- **CLL011 Performance-Based Logistics (PBL)** – Presents PBL as the strategy of choice for product support or weapons system programs. (3 hours)
- **CLM021 Introduction to Reducing Total Ownership Costs (R-TOC)** – Shares R-TOC ideas, tools, and strategies with the acquisition and logistics community. Provides orientation to R-TOC requirements, definitions of key R-TOC concepts, and descriptions of best practices. Emphasizes total cost of ownership reduction from a systems perspective. (3 hours)

DAU-Hosted Training Modules

- **Relating Reliability, Maintainability & Supportability (RMS) to Operational Readiness & Reducing Life Cycle Costs** – This is not a DAU training course, but consists of 7 modules that can be used separately or entirely. Includes presentation and training materials related to RMS. (http://acc.dau.mil/simplify/ev.php?ID=32471_201&ID2=DO_TOPIC)

Prerequisites

See descriptions above.

Who should attend**Level**

Technical
Administrative/Professional

Completion standard

Course completion

Length

Various; See descriptions

Training outcome

Assignment-specific knowledge

Location of courses

Varies; See descriptions

Personnel status

Military
Civilian

Delivery method

Classroom
Online

Emphasis

Life Cycle Logistics
Acquisition Logistics
Sustainment

Defense Logistics Agency Training Center

Description

The Defense Logistics Agency (DLA) Training Center (DTC) serves DLA and other Government agencies by developing and delivering over 70 courses of instruction. DTC is the workforce development organization for the Agency. The goal of DTC is to offer a wide array of training options, enabling DLA to accomplish its strategic objectives. DTC has the capability of delivering instruction at any training facility around the world, as well as at our state-of-the-art facility in Columbus, Ohio. DTC uses several delivery options such as; On-site, Resident, Public Offerings, Interactive Video Teletraining (IVT), and Instructor Led Internet (ILI).

Additional information can be found at http://www.hr.dla.mil/dtc/dtc_info.htm.

Acknowledgements

- DTC is approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET)
- American Council on Educational Credit Recommendation Service (ACE/Credit)
- Inter-Service Environmental Education Review Board (ISEERB)

Training types

- Certificate
- Executive Education
- Seminar

DLA Training Center

Lisa Eaton, Registrar

E-mail address: lisa.eaton@dla.mil

Web sites:

Business: <http://www.hr.dla.mil/trn.htm>

Course Catalog: http://www.hr.dla.mil/dtc/coursecatalog/dtc_course_listing.htm

Commercial: 614-692-5969

DSN: 850-5969

Fax: 614-692-5940

3990 E. Broad Street

P.O. Box 3990

Columbus, OH 43218-3990

HAZWOPER Refresher

End-to-End	Supply	Distribution	Transportation

ID number: DTC0CLSR607

Description

This course is designed to meet the 29 CFR 1910.120 (p) training requirement for Level D personal protective equipment (PPE) only. This course may be used to meet the refresher training requirements. The course includes the following:

- Hazard communication standard
- Laws/regulations relevant to worker safety
- Recognition of hazardous material/hazardous waste (HM/HW)
- Physical and health hazards associated with HM/HW
- Level D personal protective equipment (PPE)
- Emergency plan and response procedures
- Decontamination procedures for Level D PPE
- DOD storage and handling requirements
- Fire safety

Additional information about this course and other Environmental Protection/Hazardous Materials courses is available at http://www.hr.dla.mil/dtc/coursecatalog/EPHM/EPHM_courses.htm.

Prerequisites

The DTC course Safety and Health for Handlers of Hazardous Material (HM) and Hazardous Waste (HW), (DCPSO00R507) or equivalent.

Who should attend

This course is designed for personnel with duties/responsibilities in the management and/or handling of HM/HW. Those employed by the DOD, Federal, or State governments are eligible to attend.

Additional information about this course is available at http://www.hr.dla.mil/dtc/coursecatalog/dtc_course_listing.ht.

Level

Entry
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Quizzes and Final Test

Delivery method

Classroom

Length

1 day

Training outcome

Certificate of Completion

Storage and Handling of Hazardous Material

End-to-End	Supply	Distribution	Transportation

ID number: DCPSO00R511 (Classroom) / DTC0IVTR511 (IVT Course)

Description

This course provides a function-specific understanding of the Department of Transportation's (DOT) regulations relating to the storage and handling requirements for hazardous materials (HM). Course highlights include:

- Familiarization with DOT regulations
- Shipper's responsibilities
- Carrier's responsibilities
- Modal requirements
- DOD storage and handling procedures

Information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/EPHM/shhm.htm> or <http://www.hr.dla.mil/dtc/coursecatalog/EPHM/shhmivt.htm>.

Who should attend

This course is designed for HM employees who are involved in handling, storage, and preparation for shipment of HM.

Level

Entry
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Attendance
Test

Delivery method

Classroom
Interactive Video Teletraining

Length

2 days

Training outcome

Certificate of Completion
IACET—1.3 CEUs

Storage and Handling of Hazardous Material Recurrent Training

End-to-End	Supply	Distribution	Transportation

ID number: DSCPSO00R611 (Classroom) / DTC0IVTR611 (IVT Course)

Description

This course provides a comprehensive review of the Department of Transportation's (DOT) regulations relating to the storage and handling of hazardous materials (HM). Course highlights include:

- Familiarization with DOT regulations
- Shipper's responsibilities
- Carrier's responsibilities
- Modal requirements
- DOD storage and handling procedures

Detailed information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/EPHM/shhmrt.htm> or <http://www.hr.dla.mil/dtc/coursecatalog/EPHM/shhmrtivt.htm>.

Prerequisite

Successful completion of the DTC course Storage and Handling of Hazardous Material (DCPSO00R511), Storage and Handling of Hazardous Material (IVT) (DTC0IVTR511), or equivalent is required to take this class.

Who should attend

This course is designed for HM employees who are involved in the handling, storage, and preparation for shipment of HM.

Level

Entry
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Attendance
Test

Delivery method

Classroom
Interactive Video Teletraining

Length

2 days

Training outcome

Certification of Completion
IACET—1.3CEUs

Transportation of Hazardous Material/Hazardous Waste (HM/HW) for DOD

End-to-End	Supply	Distribution	Transportation

ID number: DCPSO00R610

Description

This introductory course provides a comprehensive understanding of the Department of Transportation's (DOT) HM regulations. The course provides information on the shipper's responsibility for surface transportation of HM/HW with emphasis on hazardous waste. The course is designed to meet the DOT mandatory training requirement (49 CFR 172, Subpart H). This course is DOD/Interservice Environmental Education Review Board (ISEERB) approved. Course highlights include:

- HM/HW identification and classification
- Shipping papers (HW manifest)
- Packaging
- Marking
- Labeling
- Placarding
- Emergency response information

Information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/EPHM/thmhw1.htm>.

Who should attend

This course is designed for personnel who prepare/offer HM/HW for highway shipment and/or sign Environmental Protection Agency (EPA) HW manifests.

Level

Entry

Personnel status

Military
Civilian—GS, WG

Completion standards

Quizzes and Final Exam

Delivery method

Classroom

Length

5 days

Training outcome

Certificate of Completion
ACE/CREDIT—2 semester hours

Transportation of Hazardous Material/Hazardous Waste for DOD Recurrent Training

End-to-End	Supply	Distribution	Transportation

ID number: DCPSO00R610

Description

This course provides a comprehensive review of the DTC course, Transportation of Hazardous Material/Hazardous Waste (HM/HW) for DOD (DCPSO00R510). Emphasis is on HW. The course is designed to meet the Department of Transportation (DOT) mandatory training requirement (49 CFR 172, Subpart H). Course highlights include:

- HM/HW classification
- Shipping papers (HW manifest)
- Packaging
- Marking
- Labeling
- Placarding
- Emergency response information

Information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/EPHM/thmhw2.htm>.

Prerequisite

Successful completion of Transportation of Hazardous Material/Hazardous Waste (HW/HM) for DOD (DCPSO00R510) or equivalent is required to take this course.

Who should attend

This course is designed for employees who prepare/offer HM/HW for highway shipment and/or sign Environmental Protection Agency (EPA) HW manifests.

Level

Entry
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Quizzes and Final Exam

Delivery method

Classroom Training

Length

3 days

Training outcome

Certificate of Completion

Introduction to DLA Logistics

End-to-End	Supply	Distribution	Transportation

ID number: GEN0CLS4S79

Description

The Introduction to DLA Logistics course provides information on the history of DLA, and the current and future DLA logistics processes, functions, and initiatives. The course identifies the total logistics process including the interface among the Defense Supply Centers (DSCs), the Defense Distribution Centers (DDCs), and the variety of other support organizations involved in the total logistics process. Topics include:

- Purpose and history of logistics
- Logistics Information Systems
- Acquisition management and provisioning
- Cataloging
- Order fulfillment
- Demand and supply planning
- Contracting
- Quality assurance and technical functions
- Distribution Center operations
- Reutilization and marketing

Information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/General/idlal.htm>.

Who should attend

This course is designed for personnel who are new to DLA, or current DLA employees who need or want current information to broaden their perspective of DLA and its business practices. This course is also designed for DLA personnel in entry and mid-level development programs (supply, contracting, technical or quality) who require an understanding of DLA's total logistics process.

Level

Entry

Personnel status

Military
Civilian—GS, WG

Completion standards

Participation

Delivery method

Classroom

Length

4 days

Training outcome

Certificate of Completion

DLA Customer Assistance Logistics

End-to-End	Supply	Distribution	Transportation

ID number: MMSUP000005

Description

This seminar provides the participants with a broad overview of DLA logistics concepts and principles from the customer's perspective as they review the processing of a requisition throughout its existence. Participants gain an understanding of the logistical relationship between their agencies and DLA.

Participants receive an overview of the functions of Defense Supply Centers (DSCs), Defense Distribution Depots (DDD), DLA Service Centers, and the Defense Contract Management Agency (DCMA). Participants will learn via hands-on access to all logistics databases used to interface with DLA, the Services, DLIS, and DAAS such as the:

- Defense Supply Expert System (DESEX)
- DAAS Inquiry (DAASINQ)
- PC LINK/WEBLINK, e.g.,
 - ◊ Advanced Traceability and Control for Air Force (ATAC-AF)
 - ◊ Logistics Integrated Database (LIDB)
 - ◊ D035–Air Force Stock Control System
 - ◊ Defense Automatic Address System Center (DAASC)
 - ◊ Defense Distribution Standard Systems (DSS) Inquiry Reutilization and Marketing Service (DRMS)
- Web Visual Information Processing System (Web–VLIPS)
- Customer Account Tracking System (WEBCATS)
- DSS MRO Shipping Tracking System
- Defense Reutilization and Marketing Service INQ
- DOD Email

More information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/LS/dlacal.htm>.

DLA Customer Assistance Logistics, Continued

Who should attend

This seminar is designed for military service and civilian agency customers of DLA who interface with and require an understanding of how DLA supports them

Level

Entry
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Classroom Exercises
Participation

Delivery method

Seminar

Length

2 days

Training outcome

Certificate of Completion
IACET—1.6 CEUs

DLA Security Assistance/Foreign Military Sales (SA/FMS) Management

End-to-End	Supply	Distribution	Transportation

ID number: GEN800FMS10

Description

Participants will learn how to execute the DLA FMS mission and interface/support the foreign customer. The course covers the DLA procedures and policies for initial, as well as follow-on, support and delivery of FMS items to the foreign customer. Areas of coverage as they pertain to SA/FMS are:

- Policies, laws, and regulations
- DLA SA Program Overview
- FMS Requisition Processing
- International Logistics Program
- Waivers/Special Support Arrangements and Country/Case Suspensions
- Requirements Determinations
- Supply Discrepancy Report Procedures
- DLA Depot Policies and Directives
- FMS Warehouse Procedures
- FMS Transportation Policies and Procedures
- DCMA, DESC, DRMS, and DLIS operations in support of FMS

Additional information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/LS/dsafms.htm>.

Who should attend

This course is designed for all DLA personnel who are involved with FMS-related work at DLA activities. This includes those personnel who process requisitions, materiel release orders, reports of discrepancies/supply deficiency reports, SA/FMS transportation requests, etc.

Level

Entry
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Quizzes and Final Test

Delivery method

Classroom

Length

20 hours

Training outcome

Certificate of Completion
IACET—2 CEUs

DLA Supply Management

End-to-End	Supply	Distribution	Transportation

ID number: MMSUP000002

Description

The course will provide the basic required training for newly assigned personnel in the supply career field through formal classroom instruction and on-the-job training (OJT). The course includes a variety of subject areas covered in the DLA Manual (DLAM) 4140.2, Vol. II, Supply Operations. This course is being redesigned to incorporate the new BSM Systems and Business Practices and will be offered beginning in November 2005 .

The subject matter is split into three parts of instruction as follows:

- Theory/Concepts—Part I
- Practical Applications—Part II
- Programs—Part III

Additional information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/LS/dsafms.htm>.

Prerequisite

Participants should have completed the DTC course *Introduction to DLA Logistics*.

Who should attend

This course is intended for personnel assigned as General Supply Specialists, Supply Systems Analysts, and Inventory Management Specialists. It is required for all entry-level interns in the Supply Management Program. This course is mandatory for employees who must qualify for General Business and Industry, Multifunctional Supervisory, and Managerial positions. OJPs are applicable to all students. All students are required to have access to SAMMS and a trainer/mentor.

Level

Entry

Personnel status

Military
Civilian—GS, WG

Completion standards

Quizzes and Final Test

Delivery method

Classroom

Length

18 days

Training outcome

Certificate of Completion
ACE/CREDIT—up to 4 semester hours

DLA Supply Management Overview

End-to-End	Supply	Distribution	Transportation

ID number: MMSUP000073

Description

The course will provide Defense Supply Center (DSC) managers and other personnel, who specialize in career fields other than Planning or Order Fulfillment, with a comprehensive overview of DLA Planning concepts and techniques.

Prerequisite

This seminar is designed for second-line and higher supervisors and managers of multifunctional work units at Defense Supply Centers who have no background in Legacy Systems: Supply, Planning, or Order Fulfillment. It is also designed for personnel who specialize in career fields other than Supply (such as Contracting and Technical and Quality Assurance) who require a detailed overview of supply functions (Planning/Order Fulfillment and Programs).

Level

Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Quizzes and Final Test

Delivery method

Classroom

Length

5 days

Training outcome

Certificate of Completion
IACET— 4 CEUs

Materiel Management Contingency Training (MMCT)

End-to-End	Supply	Distribution	Transportation

ID number: DLSC9000075

Description

This course is designed to provide designated personnel deployed with troops in an active theater of operations with the information necessary to represent DLA. The course includes an in-depth description of requisition processing at retail and wholesale levels of supply. The course focuses on sources of requisitioning and delivery information available to DLA representatives, including how to interpret that information and apply it to the solution of logistical problems that could inhibit combat operations.

Although the bulk of instruction deals with how DLA provides repair parts, the course covers all types of supply items managed and delivered by DLA to include clothing, medical supplies, subsistence, and fuels.

More information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/LS/mmct.htm>.

Prerequisite

Selection as a member, or potential member of a DLA Contingency Support Team.

Who should attend

Attendance is limited to those persons nominated for deployment with a DLA Contingency Support Team. Attendance is scheduled through Headquarters DLA in conjunction with preparation for overseas deployment.

Level

Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian—GS, WG

Delivery method

Classroom

Completion standards

Quizzes and Final Test

Length

5 days

Training outcome

Certificate of Completion

DLA Today

End-to-End	Supply	Distribution	Transportation

ID number: GEN0CLS2S79

Description

The DLA Today seminar provides a basic, non-technical orientation to the Defense Logistics Agency (DLA) with emphasis on current information on the primary logistics functions performed by all organizations within the DLA. The seminar is presented in an interactive learning environment. Seminar topics include:

- Purpose and history of logistics
- Logistics Information Systems
- Acquisition management and provisioning
- Cataloging
- Requisition processing
- Inventory management
- Contracting and contract management
- Quality assurance and technical functions
- Technical operations
- Storage, stock location, and inventory
- Distribution Center functions
- Reutilization and marketing
- Diversity in DLA

Additional information concerning this course is available at http://www.hr.dla.mil/dtc/coursecatalog/dtc_course_listing.htm.

Who should attend

This seminar is designed for personnel who are new to DLA, personnel transferring to DLA from other agencies, or current DLA employees who need/want to broaden their perspective of DLA and the current business practices.

Level

Entry

Personnel status

Military
Civilian—GS, WG

Completion standards

Exercises
Participation

Delivery method

Seminar

Length

2 days

Training outcome

Certificate of Completion

Safety and Health for Handlers of Hazardous Material and Hazardous Waste

End-to-End	Supply	Distribution	Transportation

ID number: DCPSO00R507

Description

This course focuses on how to safely operate HM or HW storage facilities. The course enables personnel involved with HM/HW to perform their duties without endangering themselves or other employees. It meets the training requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER) (29 CFR 1910.120(p)(7)(i)) and Hazardous Communications (HAZCOM) (29 CFR 1910.1200). Course highlights include:

- Hazard communication standard
- Laws/regulations relevant to worker safety
- Recognition of HM/HW
- Physical and health hazards associated with HM/HW
- Level D Personal Protective Equipment (PPE)
- Emergency plan and response procedures
- Decontamination procedures
- DOD storage and handling requirements
- Fire safety

Additional information concerning this course is available at <http://www.hr.dla.mil/dtc/coursecatalog/EPHM/shhhmhw.htm>.

Who should attend

This course is designed for personnel with duties/responsibilities in the management and/or handling of HM/HW.

Level

Entry
Managerial

Personnel status

Military
Civilian—GS, WG

Completion standards

Quizzes and Final Test

Delivery method

Classroom

Length

4 days

Training outcome

Certificate of Completion
IACET—3.2 CEUs

DoD Supply Chain Overview

End-to-End	Supply	Distribution	Transportation

ID number: To be determined

Description

This course will teach the synchronization of forces, equipment, and sustainment of the supply chain processes, products, and tools that are readily available to provide visibility of forces, equipment, and materiel as they move through the pipeline.

The subject matter will focus on four main elements of the supply chain process:

- Deployment
- Supply
- Distribution
- Transportation

For updates and additional information concerning this course please contact Stephanie Lopez, USTC LNO to DLA, at Stephanie.Lopez@dla.mil.

Prerequisite

Requirements are to be determined. This course is intended for personnel assigned to the Distribution Process Owner Deployment Distribution Operations Centers (DPO DDOCs)—contingency and logistics operations centers.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian—GS, WG

Delivery method

Classroom

Completion standards

Course completion

Emphasis

Advanced Traffic Management
Defense Transportation
Deployment Process
Distribution Management

Length

Unknown

Training outcome

To be determined

BSM Training Curriculum

End-to-End	Supply	Distribution	Transportation

ID number: 100, 200, 300, 400 level courses

Description

The Business Systems Modernization (BSM) training approach and curriculum is tailored to each individual job/role to help the participant develop an understanding of the BSM program, the DLA re-engineered processes, and the new BSM applications. The curriculum creates awareness by starting with an overview of BSM and then educates the participant on changes to the DLA processes. This foundation will help the participant learn how to navigate the BSM applications and learn the detailed transactions, data entry, and other informational needs of the participant's BSM job and role. The scope of BSM Training includes Knowledge Transfer for end-users, supervisors, and managers.

Introduction to BSM Training (100 Level)

- Provides an overview of the BSM program and develops further awareness of the impact of BSM on roles and jobs at DLA.
- Includes BSM definitions, supply chain management concepts, purpose of the BSM program, reasons for change, changes to the processes, jobs, and roles, the benefits of the new processes and systems, impacts to customers and suppliers.
- Provides end-to-end scenarios to help the participant understand how process, jobs, and system functionality work together to make BSM possible.

Process Training—Core Process Courses (300 Level)

- Describes the new organization and how it executes the core processes.
- Provides a high level understanding of the core processes for each functional area (Order Fulfillment, Finance, Procurement, Planning, and Technical/Quality).
- Includes the core process flow, processes within the core process, key concepts and conceptual changes to the process, jobs aligned to the process, and Key Performance Indicators (KPIs) that will be used to measure and monitor the "health" of the core process.
- Provides similar information about the specific processes within the core process and digs deeper into the sub processes and activities within the process.

BSM Training Curriculum, Continued

COTS Navigation Training (200 Level)

- Provides hands-on practice navigating the Commercial Off-the-Shelf (COTS) applications (e.g. SAP, Manugistics, and DPACS) that make up the BSM solution.
- Includes log on procedures, use of icons, application help, use of the BSM Portal, key navigation concepts, menu selections and paths, tool bars, reports, and BSM Online Help.

Role-Based Training (400 Level)

- Provides hands-on training and detailed instructions on how to use the BSM systems to execute system transactions and manual procedures.
- Includes business concepts, definitions, jobs/roles, changes, learning how to perform detailed transactions, data entry, using application functionality, performing manual procedural steps.

Prerequisites

Course work is completed in the following level sequence; 100, 300, 200, 400 level.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian—GS, WG

Delivery method

Classroom
CBT
e-Learning
Video

Completion standards

Attendance, Tests, Other

Length

½ day to 5 days depending upon course and level

Emphasis

Supply Management, Distribution
Logistics
Information Technology

Institute of Logistical Management

Description

The Institute of Logistical Management (ILM) has pioneered the areas of transportation education and training. The Institute has the unique status of being the only such school of its kind. The curriculum of the Institute spans all possible areas of involvement within the transportation, logistics management, and supply chain management fields. Through the expertise of its outstanding faculty, the Institute provides comprehensive, up-to-date knowledge to professionals who want to successfully compete in today's complex logistics and supply industry.

The ILM Web site is essentially an educational resource on all matters dealing with both the academic and the practical understanding of transportation, logistics and supply chain demand. Distance learning is a flexible, cost effective and quality alternative to traditional classroom instruction. It gives students the training they need wherever and whenever they find it most convenient. All ILM courses are available, domestically and internationally, to students and logistics professionals including military personnel who endeavor to obtain recognition as a Certified Logistics Practitioner (CLP). Additional information can be found at <http://www.logistics-edu.com/index.html>.

Acknowledgements

Recognized by the Council for Supply Chain Management Professionals (CSCMP)

Training types

- College Credit
- Certification Program
- Executive Education

Accredited by

Accrediting Commission of the Distance Education and Training Council (DETC)

Institute of Logistical Management

Frank R. Breslin, Dean

E-mail address: dean@logistics-edu.com

Web sites:

Business: <http://www.logistics-edu.com/contact.html>

Course Catalog: <http://www.logistics-edu.com/course.html>

Commercial: 1-888-ILM-4600

Fax: 609-747-1517

315 W. Broad Street, P.O. Box 427

Burlington, NJ 08016

Certified Logistics Practitioner

End-to-End	Supply	Distribution	Transportation

Training type

Certification

Description

The Institute of Logistical Management offers Certified Logistics Practitioner (CLP) certification via distance learning to enhance transportation and supply chain skills and knowledge for practical application. The CLP certification program is designed for individuals who wish to distinguish themselves with expertise in logistics and supply chain processes with both military and civilian implications. A sample of the courses offered includes Global Logistics Management, Hazardous Materials Compliance, Freight Claims Management, Introduction to Transportation and Logistics.

The maximum allowable time for completion of the CLP certification program is 3 years, however, the majority of students complete the assignments in less time.

Acknowledgements

Recognized by the Council for Supply Chain Management Professionals (CSCMP)

Prerequisites

A high school diploma or equivalent is required for admission to this program. Additional requirements are available at <http://www.logistics-edu.com/clp.html>.

Level

Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Transportation Systems
Transportation Management
Business Logistics Systems
Business Logistics Principles

Length

3 years maximum completion time

Training outcomes

College Credit
Certification

Introduction to Transportation and Logistics

End-to-End	Supply	Distribution	Transportation

Description

Major topics covered in this course are the various modes of transportation and their application, rate development and negotiation, shipping documents—their purpose and use, domestic and international terms of sale/freight terms, export compliance requirements, international transportation documentary requirements, warehouse fundamentals, inventory management principles, warehouse technology and its application, Information Technology (IT) history and overview, application of IT tools within a logistics functional setting, and the Internet and its application within a logistics functional setting. Detailed information concerning this course is available at http://www.logistics-edu.com/course_intro.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Transportation Documents
Warehouse Fundamentals
Inventory Management

Length

95 hours

Training outcomes

College Credit—3 hours

The Transportation System

End-to-End	Supply	Distribution	Transportation

Description

Upon successful completion of this course, the student will be able to explain and develop the role of transportation in the economy, the demand for transportation, and the role of government; develop an awareness of the economic and service characteristics of the basic modes of transportation as well as intermodal and special carriers. This course develops an economic foundation of the transportation system to permit effective management of a company's transportation process, including the emerging role of third parties.

Major topics covered in the course are transportation in the economy, demand for transportation, transportation regulation and public policy, and the economic and service characteristics of motor carriers, railroads, air carriers, water carriers, pipelines, intermodal, special carriers, and international transportation. Special attention is devoted to the dynamics of information technology.

More information concerning this course is available at http://www.logistics-edu.com/course_trans.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Transportation Regulations
International Transportation
Information Technology

Length

155 hours

Training outcomes

College Credit—2 hours

Transportation Management

End-to-End	Supply	Distribution	Transportation

Description

Upon successful completion of this course, the student will be able to understand the transportation management and business logistics processes, including the carrier-shipper interactions and transportation pricing. The course develops an economic foundation of the cost and service components of transportation pricing, private transportation and carrier operations and explains managerial implications of carrier negotiations, and future strategic transportation directions.

Detailed information concerning this course is available at http://www.logistics-edu.com/course_trans_mgmt.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Who should attend

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Value-of-Service
Contract Rates and Pricing
Transportation Management

Length

145 hours

Training outcomes

College Credit—3 hours

Business Logistics Principles

End-to-End	Supply	Distribution	Transportation

Description

With successful completion of this course, the student will be able to understand the role of the logistics process in national and multi-national businesses and government activity. The course covers the characteristics of logistics elements and their interrelationships within the supply chain, analytical and problem solving skills necessary to develop and analyze solutions for a variety of logistical problems, and identifies areas in which logistics process can be improved to gain competitive advantage in the marketplace.

More information concerning this course is available at http://www.logistics-edu.com/course_prin.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Supply Chain Management
Inventory Management and Warehousing
Role of Transportation in Logistics

Length

150 hours

Training outcomes

College Credit—3 hours

Business Logistics Systems Analysis

End-to-End	Supply	Distribution	Transportation

Description

Upon successful completion of this course, the student will be able to understand the overall logistics system and interrelated functional areas. The course develops analytical and problem solving skills necessary for a variety of logistical problems, and explores leading-edge logistics strategies. This text—The Management of Business Logistics, 7th Edition—is recognized as the finest text material in Education and Logistics today, written by three premier authors, i.e., Professors Coyle, Langley, and Bardi. Students, who successfully complete this course and all associated materials, will be able to describe the full meaning and value of logistics in a highly competent and skillful manner.

Information concerning this course is available at http://www.logistics-edu.com/course_analysis.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Supply Chain Finance
Logistics Relationships
Third Party Logistics
Global Logistics
Warehousing Management

Length

150 hours

Training outcomes

College Credit—3 hours

Motor Carrier Operations

End-to-End	Supply	Distribution	Transportation

Description

Completion of this course will enable the student to differentiate between "core value" work in motor carrier operations versus work which might better be performed through third parties or subcontractors. The course aims enable students to develop a strong understanding of the costing and pricing of motor carrier services, and to be able to describe to motor carrier management and the statutory regulations impacting motor carrier operations. The student will be able to "operationalize" drivers' logs, maintenance decisions, safety requirements, terminal cost-effectiveness, and regulatory compliance. Finally, the student will be able to describe the value-adding role of motor carrier operational effectiveness to customers.

Information concerning this course is available at http://www.logistics-edu.com/motor_ops.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Hour-of-Service Regulations
Pricing and Customer Service
Financial Impact of Operating Ratios
Regulatory Compliance

Length

145 hours

Training outcomes

College Credit—3 hours

Transportation, Logistics, and the Law I

End-to-End	Supply	Distribution	Transportation

Description

Students will be prepared for employment in transportation or logistics positions with a shipper, receiver, surface carriers, intermediary, transportation consultant, law firm, insurer or government agency. Students will be knowledgeable as to the differences between surface modes of carriage including the licensing thereof by Federal agencies. Students will also be aware of the problem areas in the distribution cycle, and will be prepared to avoid such problems by negotiating appropriate contract provisions and employing preventive measures.

Information concerning this course is available at http://www.logistics-edu.com/law_i.html

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian—GS, WG

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

U.S. Statutes and Regulations
Laws Impacting Transportation and Logistics
Bills-of-lading, Claims, Liability

Length

155 hours

Training outcomes

College Credit—3 hours

Transportation, Logistics and the Law II

End-to-End	Supply	Distribution	Transportation

Description

Students will be prepared for employment in transportation or logistics positions requiring a working knowledge of the airline or ocean shipping industries, including the use of intermediaries between shippers and carriers. Students will also understand the terms of sale used in both domestic and global commerce, the differences between domestic and international transportation, international treaties governing the liability of international carriers, and current proposals to modernize those liability regimes.

Information concerning this course is available at http://www.logistics-edu.com/law_ii.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

U.S. Statutes and Regulations
Third Party Logistics Providers
Legislative History of International Cargo
Liability Treaties and Laws

Length

155 hours

Training outcomes

College Credit—3 hours

Warehousing Management

End-to-End	Supply	Distribution	Transportation

Description

After completing this course, students will be able to differentiate between productivity and performance, identify the elements related to space utilization; develop locations for new warehouses using critical elements in the process; and understand the emerging processes impacting Just-In-Time, and 3rd Party Logistics. This course is based on the most relevant operational and educational knowledge available today, based on the authorship of Ken Ackerman, a noted leader in the warehousing industry for over 3 decades, as well as a study guide prepared by ILM faculty member, Professor Leon (Bud) Cohan. Students will benefit in their jobs and careers from the pragmatic and "real world" application of this knowledge, particularly the 12 operationally-based case studies.

Information concerning this course is available at http://www.logistics-edu.com/course_ware_manage.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian—GS, WG

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Warehousing Operations
Inventory Control
Materials Handling Equipment
Labor and Productivity

Length

130 hours

Training outcomes

College Credit—3 hours

Global Logistics Management

End-to-End	Supply	Distribution	Transportation

Description

Upon successful completion of this course, the student will: understand the role of logistics in global business; be aware of the economic and service characteristics of international transportation providers; comprehend government's role, documentation and terms of sale used in global business; and discern the fundamentals for effective management of exporting and importing.

The study guide, INCOTERMS 2000, is only published every 10 years, and is the finest and most accurate information available in global logistics and commerce today. No professional in global logistics can be effective without mastering this knowledge.

Additional information concerning this course is available at http://www.logistics-edu.com/course_glob.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Government's Role in Global Logistics
Global Logistics Environment
Ocean and Air Transportation
Exporting and Importing

Length

150 hours

Training outcomes

College Credit—3 hours

Freight Claims Management

End-to-End	Supply	Distribution	Transportation

Description

All partners in transportation have a direct interest in loss and damage, cargo insurance and freight charges—and have exposure to liability whether using or providing common or contract carrier services. The "surprises" in transportation arrangements being introduced in a less-regulated environment can be costly to all parties!

Upon completion of this course, the student will be able to understand the liability of domestic and international carriers; contracts of carriage; the liability terms contained in the bill of lading; tariff rules pertaining to liability; the process of preparing and filing claims; and the options available for recovering monetary damages. This course has been devised to allow professionals of both shippers and carriers to gain the most relevant knowledge on freight claims management.

More information concerning this course is available at http://www.logistics-edu.com/course_freightclaims.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Contracts of Carriage
Rail and Truck Tariff Rules
Government Regulations and Statutes
Governing Domestic Transportation

Length

110 hours

Training outcomes

College Credit—3 hours

Hazardous Materials Compliance

End-to-End	Supply	Distribution	Transportation

Description

Completion of this course will enable students to explain the importance and consequences of adherence to the Federal Regulations, meet the criteria for hazardous material training as mandated by the Department of Transportation regulations, which must be accomplished every three years, and achieve competence in accessing and using the applicable governing regulations through successfully completing all study materials, assignments, and course testing.

Additional information concerning this course is available at http://www.logistics-edu.com/course_haz.html.

Prerequisite

A high school diploma or equivalent is required to take this course.

Level

Entry
Technical
Administrative/Professional
Managerial
Executive

Personnel status

Military
Civilian

Delivery method

Distance Learning

Completion standards

Quizzes and Final Exam

Emphasis

Hazardous Material (HAZMAT) Shipping
Carrier Responsibilities
Shipper Responsibilities
Overview of the DOT HAZMAT Regulations

Length

155 hours

Training outcomes

College Credit—3 hours

Accenture

Description

Accenture is a global management consulting, technology, services, and outsourcing company. Accenture's Supply Chain Academy (SCA) delivers both services and products. Services include needs assessment of training requirements, as well as program management of clients' supply training initiatives. Products include over 100 e-Learning courses, business simulations, executive seminars, discussion forums and workshops, in addition to traditional classroom education offering a comprehensive curriculum covering all functional areas of the supply chain.

Accenture Courses

- Benchmarking Warehouse Operations
- Benchmarking Warehouse Operations using DEA
- Capability and Organization Risks in Supply Chain Management
- Cost/Price Minimization: Value Analysis/Value Engineering
- Cost Reduction Efforts—Methodology and Industry Examples
- Developing and Managing Partner Relationships
- Efficient Supply Systems: Settlement and Close Outs
- Information Technology for Transportation
- Introduction to Supply Chain
- Inventory Management Metrics & Classification
- Performance Measurement for Inventory Systems
- Physical Inventory Control
- Planning and Preparing for Negotiation
- Road Freight Transport
- Supply Chain Operations Strategy
- Supply Chain Operations Strategy Framework
- Symptoms of Poor Transportation Management
- Using Six Sigma in Logistics
- Vendor Managed Inventory
- Visibility: The Current Focal Point of Supply Chain Management
- Warehousing Metrics

Supply Chain Academy

James R. Brust

E-mail address: james.r.brust@accenture.com

Commercial: 312-693-4260

Web sites:

Business: <http://www.accenture.com>

Course Catalog: <http://www.Supplychainacademy.com>

Integrated Supply Chain Management

Description

Supply Chain Online offers web-based training in supply chain management. The courses are online and self-paced. A certificate of completion is issued for course completion. In-house, customized, faculty-led executive seminars in integrated supply chain management are also available.

Supply Chain Online Courses

- SCM 101: Introduction to Supply Chain Management
- SCM 102: Supply Chain Strategies I: Aligning Strategies; Efficiency and Cost Savings
- SCM 103: Supply Chain Strategies II: Responsiveness; Advanced Topics
- SCM 104: Internet Technologies and Supply Chain Management
- SCM 105: Performance Measures for Supply Chain Management
- SCM 106: Product and Process Design for Supply Chain Management

E-mail address: info@supplychainonline.com

Commercial: 650-269-0699

Fax: 650-269-0699

Web sites:

Business: <http://www.supplychainseminars.com>

Course Catalog: <http://www.supplychainonline.com>

731 Alvarado Street

Stanford, CA 94305

Institute for Supply Chain Management

Description

The Institute for Supply Management has an On-site and e-Learning Program with customized educational programs to meet individual needs. They offer flexible learning solutions, including online training and development. Standard seminars can be tailored and custom seminars can be developed.

Institute for Supply Chain Management Courses and Seminars

- Achieving and Maintaining Inventory Accuracy
- Achieving Excellence in Supply Management
- Achieving Peak Performance When Purchasing
- Achieving Value-Add through Supply Alliances
- Basics of inventory Control
- Commodity Teams: Leveraging Value Across the Entire Organization
- Enterprise Resource Planning (ERP) for the Supply Chain Management Professional
- Global Competency Skills for World-Class Supply Management
- Integrating Commercial Practices with Government Business Practices
- Inventory Management
- Leading and Managing Supply relationships
- Logistics and Transportation Operations
- Six Sigma: A Process Improvement Tool for Supply Management Professionals
- Supply Chain Management
- Teaming Across the Supply Chain
- Transportation Management
- Value Analysis: Optimizing Outcomes

Rene A. Yates, Manager, Onsite and Virtual Education

E-mail address: ryates@ism.ws

Commercial: 480-752-6276 ext. 3080

Toll Free: 1-800-888-6276

Fax: 480-752-7890

Web sites:

Business: <http://www.ism.ws>

Course Catalog: <http://www.ism/Seminars/index.cfm>

P.O. Box 22160

Tempe, AZ 85285-2160

Supply Knowledge

Description

Individuals and organizations can access learning programs through Supply Knowledge that award certificates in Supply Management and assure basic levels of competence in selected tracks. Currently there are three tracks available leading to Certificate awards: Supply Management Operations, Procurement and Contract Management, and e-Sourcing.

Supply Management Operations Certificate Program

The Supply Management Operations curriculum covers the basic elements of day to day supply management operations and planning, including sourcing strategies, production planning and execution, materials management, tools and systems and asset control.

Supply Knowledge is presented by
National Association of Purchasing Management- Silicon Valley, Inc.

E-mail address: info@supplyknowledge.com

Commercial: 408-929-6276

Fax: 408-929-6277

Web sites:

Business: <http://www.supplyknowledge.com>

Course Catalog: <http://www.supplyknowledge.com/elearning.aspxhtml>

P.O. Box 32156

San Jose, CA 95152-2156

APICS—The Educational Society for Resource Management

Description

APICS is a not-for-profit international educational organization with education and professional certification programs. Programs include webinars, customized on-site training, self-study, and public workshops on assorted topics including certification review courseware.

APICS Courses

- Certified in Integrated Resource Management
- Certified in Production and Inventory Management
- Fundamentals of Material and Operations management
- Just-in-Time: Lean Operating Principles and Techniques
- Specialized Workshops in Supply Chain Management and Related Topics

E-mail address: service@apicshq.org

Commercial: 703-354-8106

Toll Free: 1-800-444-2742

Fax: 703-354-8106

Web sites:

Business: <http://www.apics.org>

Course Catalog: <http://www.apics.org/Education/Courseware/>

5301 Shawnee Road

Alexandria, VA 22312-2317

Warehousing Education and Research Council

Description

Warehousing Education and Research Council (WERC) offers education in warehousing and distribution, and offers programs designed for warehouse managers and supervisors with varying levels of experience.

WERC Seminars

- Management Skills for Warehouse Supervisors
- Managing Warehouse Operations
- Maximizing Warehouse Space: The Key to Productivity
- Using Metrics to Achieve Results

E-mail address: wercoffice@werc.org

Commercial: 630-990-0001

Fax: 630-990-0256

Web sites:

Business: <http://www.werc.org>

Course Catalog: <http://www.werc.org/seminars/overview.htm>

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Oak Brook, IL 60523-4413