



# Requirements Quarterly Report



## From the Director – Dr. Chuck Court

### Happy New Year!

We appreciate the comments we received about the last Requirements Quarterly Report. In particular, many folks wanted to continue the threads about early involvement and about continuous involvement during systems development. We at DAU see the two topics within one cohesive picture. Program management and requirements management are both contact sports. We all agree that ~~war~~ military conflict is a challenging business. Likewise, many instances of maintaining the peace can be as stressful and costly as conflict. Developing the systems to wage and win wars and to maintain peace can get confusing, contentious, and expensive. Obviously, everyone working on the system development is there to support the warfighter. Often, however, we cannot agree on how to support the warfighter. We all come into the development cycle with our separate points of view. We have different education, professional disciplines, and operational experience. Ultimately, no one person or discipline has all of the answers and all of the facts necessary for success. Starting with the initial analysis – the Capability-Based Assessment (CBA) and the Analysis of Alternatives (AoA) – we need to bring our best work into a collaborative environment.

What disciplines am I talking about? Who are we to collaborate with? Think back to the topics we address throughout the Requirements Management Certification Training. Beyond the structure of JCIDS, PPBE, and the DAS, RQM 110 introduces Science and Technology, Systems Engineering, Test and Evaluation, and Logistics. Other necessary disciplines include Intelligence, Information Technology, Architectures, and Human Factors. As different experts come together to do a CBA or an AoA, it remains up to us – The Requirements Managers – to articulate and to advocate the warfighters' needs. This means we need to respect the contributions of the rest of the analysis team while we keep everyone's focus on supporting the warfighter.

We cannot spend the entire Gross Domestic Product (cost), structure an infinitely long timetable (schedule), or violate the Laws of Physics (performance). The important idea here is that we Requirements Managers must be sure the tradeoffs favor the warfighter and not render any new system ineffective. For example, systems engineers need insight into the operations concepts as those engineers translate performance parameters into engineering specifications. Design engineers may not optimize switch positions on a control panel unless they understand where and how the warfighter uses those controls. Information systems designers must know the operational environment so their systems give the operator useful facts and not data overload.

Throughout the development cycle, the Requirements Managers must recognize their opportunities to review progress and to reinforce operational effectiveness. Do not expect immediate and positive results after submitting ICDs, CDDs, or CPDs. As concepts and designs come together, the scientists, engineers, developers, and managers must remain on task and keep the Warfighter priority #1.

### Knowledge Sharing

We hosted a webinar on 19 December. The discussion had extensive information about the upcoming changes to the JCIDS Manual and to DoDI 5000.02. We also discussed the DAU online services such as the Requirements Landing Page, the Requirements Community of Practice (RMCoP), blogging, and Blackboard. We have posted the annotated slides on the RMCoP: <https://acc.dau.mil/Requirements>.

The next Requirements webinar will be on Thursday, 27 March. If you have questions, please send them in early to be sure you get the answers you need.



# Requirements Quarterly Report

## Mission Assistance

Just like many universities, DAU can provide consultant services. While budgets are tight and contentious, the DAU faculty can help with your analysis, documentation, and coordination on an essentially pro bono basis. Ideally, DAU Mission Assistance with your Requirements shop can be a great win/win. For example, we recently taught two sessions to eighteen USMC Gunners (CWO4s) at their annual PME – Advanced Infantry Weapons Officers School (AIWOS). Their lead CWO5 gave us great feedback for being informative and candid. We at DAU benefited because we used our observations to develop a more detailed and nuanced presentation of the Landing Ship, Doc (LSD) ICD review in RQM 310.

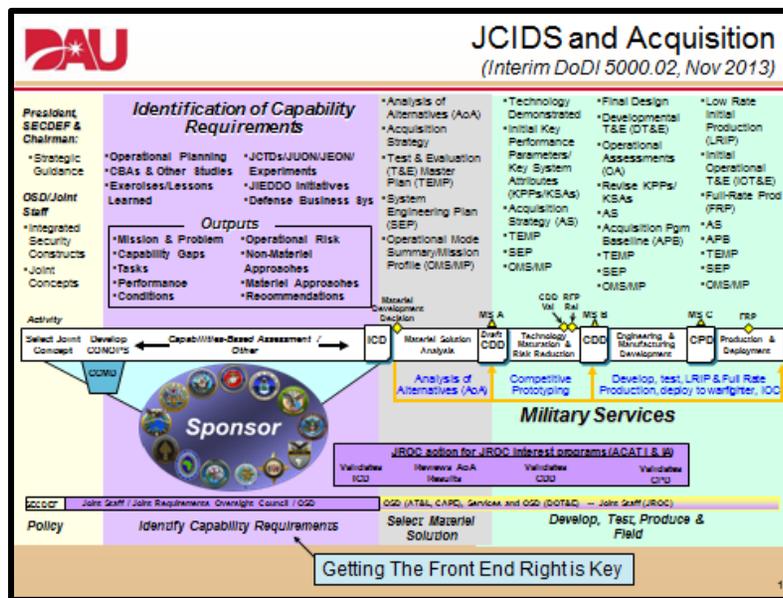
We can do the same for you. We can consult on a specific project such as a CBA or a JCIDS document. The only reimbursement we request are for incidental costs such as travel, lodging, and per diem, which we compute and discuss with you prior to any commitment. Contact us with your questions. We look forward to help you work projects and develop solutions.

## Curriculum Development

The December 310 class incorporated all of the new DoDI 5000.02 updates. This class was our second offering with the new schedule. We are loading all of our course and competency data into our new Competency Management Tool. We will be ready to discuss with the Competency Working Group in late January or early February. The updated online CLs are now at the contractor for publishing.

## Upcoming Events

Event	Dates	Location
RQM 310 – 36 students	27 – 31 January	Fort Belvoir, VA
RQM 310 – 30 students	10 – 14 March	Fort Belvoir, VA
Requirements Webinar	27 March	Cyberspace
RQM 310 – 30 students	28 April – 2 May	Fort Belvoir, VA





# Requirements Quarterly Report

## Contacting DAU:

- The Requirements Management Landing Page: <https://dap.dau.mil/career/rm/Pages/Default.aspx>
- The Requirements Management Community of Practice (RMCoP): <https://acc.dau.mil/requirements>
- To the entire DAU faculty and staff?: [RMCT@dau.mil](mailto:RMCT@dau.mil)



## DAU Requirements Faculty:

Dr. Chuck Court	<a href="mailto:Charles.Court@dau.mil">Charles.Court@dau.mil</a>	703-805-4552
Greg Prothero	<a href="mailto:Gregory.Prothero@dau.mil">Gregory.Prothero@dau.mil</a>	703-805-4586
Jack Mohny	<a href="mailto:Jack.Mohny@dau.mil">Jack.Mohny@dau.mil</a>	703-805-4369
Matt Ghormley	<a href="mailto:Matthew.Ghormley@dau.mil">Matthew.Ghormley@dau.mil</a>	703-805-3721
Tom Fritz	<a href="mailto:Thomas.Fritz@dau.mil">Thomas.Fritz@dau.mil</a>	703-805-4583
Ivan Teper	<a href="mailto:Ivan.Teper@dau.mil">Ivan.Teper@dau.mil</a>	703-805-4656