DAU has released a new R&M Engineering course for the DoD R&M Engineer:

**ENG 0860 – Planning for R&M Engineering**

Course Objective: to provide in-depth understanding of the core R&M Engineering activities and resources for effective R&M Engineering planning within the DoD acquisition process

Characteristics of ENG 0860, Planning for R&M Engineering:

- Distance learning, approx. 4 – 6 hours
- Focus is on the junior to mid-career level DoD R&M Engineer supporting a DoD Program Office
- Course is hosted and maintained by DAU
- Uses a fictitious DoD acquisition program office to illustrate key learning points
- Extensive resources library embedded in course
- Appropriate for multiple DoD career fields, i.e., Engineering, Program Management, Test and Evaluation, Logistics, plus others
Introduces the R&M Engineering Body of Knowledge (BoK) as the “backbone” for course architecture

- Each acquisition phase has a unique set of R&M Engineering activities
- ENG 0860 focus is on the R&M Engineering Management “swim lane” activities, i.e., first row
- Future ENG 0870, “Designing for R&M Engineering”, will focus on R&M activities in Systems Engineering and Test and Evaluation

Explains R&M Engineering content in DoD acquisition documentation

- Location of R&M Engineering content within acquisition documents
- Examples of effective implementation to present R&M Engineering content
- Usage of mathematical examples to supplement explanation of R&M Engineering key concepts
Use of a fictional Iron Horse (IH) Program Office provides a more interactive approach to learning

IH Acquisition Documents, partially developed to illustrate R&M Engineering relevant content, are available:
- Operational Mode Summary/Mission Profile (OMS/MP)
- Concept of Operations (CONOPS)
- Draft Capability Development Document (CDD)
- Systems Engineering Plan (SEP)
- Reliability, Availability, Maintainability & Cost (RAM-C)
- Failure Definition and Scoring Criteria (FDSC)

Student exercises use IH acquisition documentation to emphasize key learning points:
- An extensive resource library provides easy access to DoD policy, guidance and references
- All exercises provide a “Check Answer” detailed solution
- A final exam demonstrates achieved learning
How to Apply for ENG 0860

• Step 1. Log-in to DAU’s Virtual Campus at
  
  https://identity.dau.edu/EmpowerIDWebIdPForms/Login/VirtualCampus

  Note: You must establish a DAU account prior to signing up for a course. You may use either a CAC or a login/password for account access.

• Step 2. Once you are at the DAU Virtual Campus Homepage, in the search box in the upper right corner, type in “ENG 0860”

• Step 3. The search results should show ENG 0860, Planning for R&M Engineering”. Click on the course title, then on the next page click on the red “Request” tile.

• Step 4. You should now see the course information. Click on the “Modules 0 and 1” tile to start ENG 0860.

• For further information on course signup and DAU account eligibility for DoD and non-DoD prospective students:
  – https://www.dau.edu/training/p/apply-for-a-course
  – https://www.dau.edu/faq/Pages/Eligibility-Registration.aspx
  – https://www.dau.edu/faq/p/FLN-Account-Creation