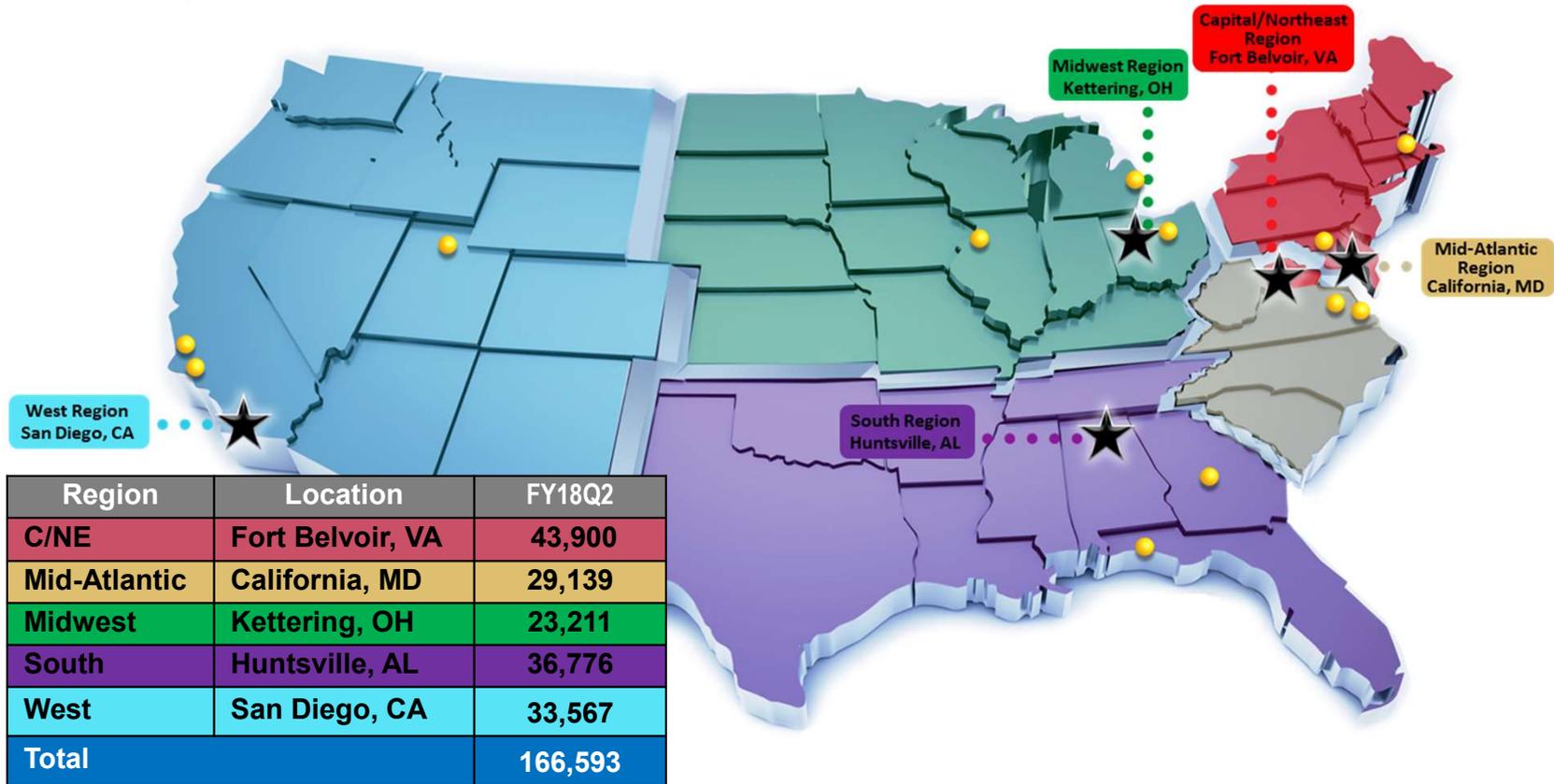# DAU Foundational Learning Directorate

Business Center

Training & Educational Tools

Status for August 13, 2019
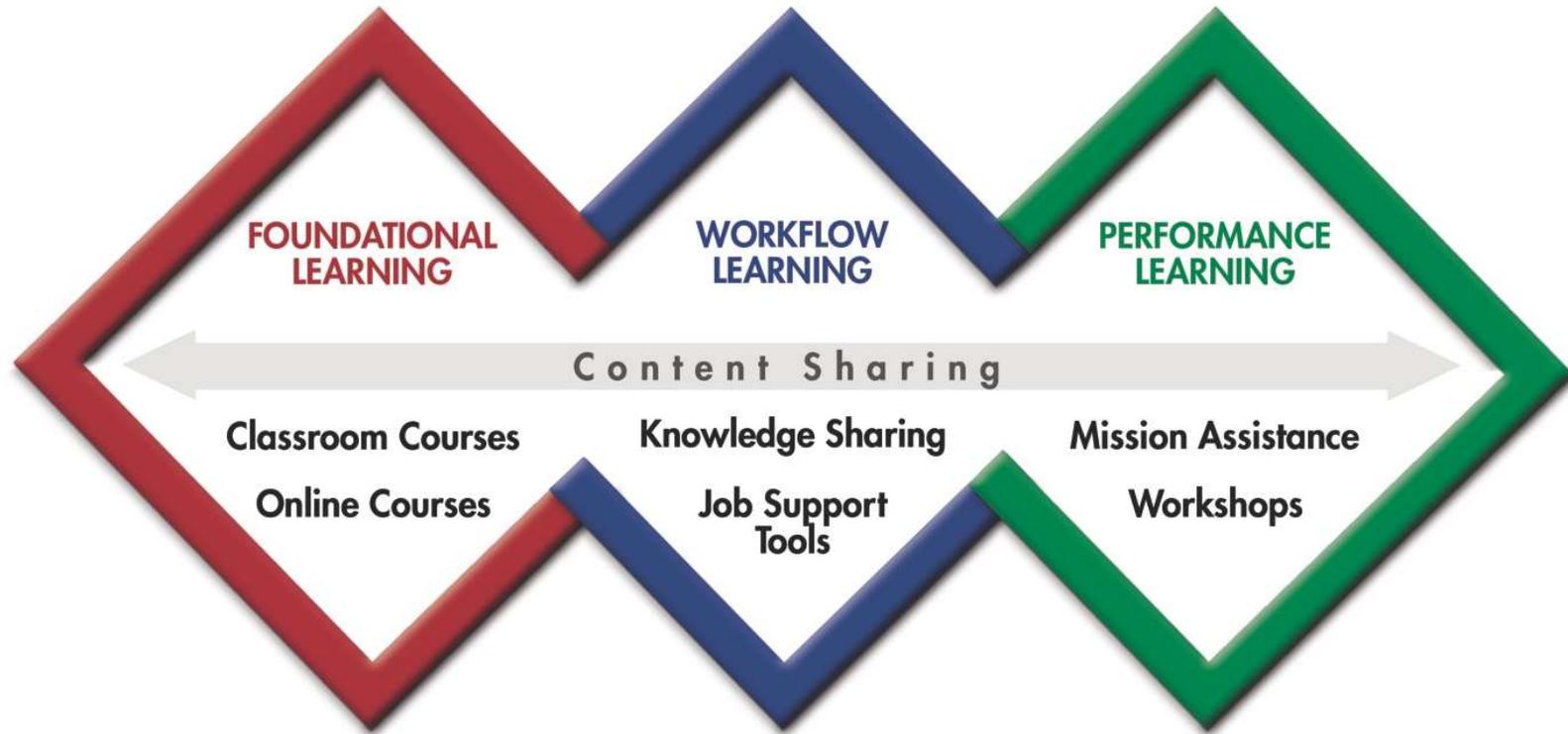
We are Located Near You

Region	Location	FY18Q2
C/NE	Fort Belvoir, VA	43,900
Mid-Atlantic	California, MD	29,139
Midwest	Kettering, OH	23,211
South	Huntsville, AL	36,776
West	San Diego, CA	33,567
Total		166,593

We are part of the community, not just a place to take classes.

Courses…and so much more

FOUNDATIONAL LEARNING

WORKFLOW LEARNING

PERFORMANCE LEARNING

Content Sharing

Classroom Courses

Online Courses

Knowledge Sharing

Job Support Tools

Mission Assistance

Workshops

Gain Acquisition Knowledge and Skills

Find Acquisition Resources to Help You on the Job

Receive Assistance Tailored to Your Organization's Needs

Courses to help you meet certification and continuous learning requirements

Online information and tools to help you be more effective in doing everyday tasks at work

Consulting, executive coaching, and customized workshops, all tailored to your organization

DAU's iCatalog: Your Course Resource

- Most current resource for information about DAU courses and the Certification & Core Plus Development Guides
- Accessible from the DAU home page (http://www.dau.mil) or directly at http://icatalog.dau.mil/

We Help You Earn "CL" Points

Accreditation of DAU Learning Assets

COE	**Council on Occupational Education***	**Six Year Reaffirmation of Accreditation, Three Commendations**
American Council on Education	**American Council on Education**	**College Credit Recommendations for Training Courses**
ACCREDITED IACET PROVIDER	**International Association for Continuing Education & Training****	**Continuing Education Units Awarded for Training Courses**

*Defense Acquisition University is accredited by the Commission of the Council on Occupational Education.

**Defense Acquisition University is accredited as by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU.

Helping Your People Earn Their Degrees

DAU partners with more than 150 colleges & universities to obtain credit for DAU courses toward degrees and certificates

"Excel-erate" **Your Master's Degree…**
Through this program, partner universities are offering the Defense Acquisition Workforce credit toward masters degrees for DAWIA Level II and III certification.

Get College Credit Here

Impact: Saves time, tuition assistance dollars and out of pocket expenses

DAU Strategic Partnership Program

- **Strategic Partnership Program** - While each partnership is unique, the objective of the partnership program is to provide opportunities to maximize academic accomplishments by receiving credit for DAU courses toward an undergraduate, graduate, or certificate program offered by a strategic partner.

    - BCF 206 Cost Risk Analysis – 2 Credits
    - BCF 225 Acquisition Business Management Application – 2 Credits
    - BCF 230 Intermediate Cost Analysis – 3 Credits
    - BCF 250 Applied Software Cost Estimating – 3 Credits
    - BCF 301 Business, Cost Estimating, and Financial Management Workshop – 3 Credits

How We Can Help Your Organization

Short, hands-on training for your teams

Workshops

- Services Acquisition Workshops
- Acquisition Program Transition Workshops
- Program Termination Workshops
- Systems Engineering Plan Workshops
- Risk Management Workshops
- Technology Transition Workshops
- Source Selection Simulation

Customized for your program

Applied critical thinking for your program or organization

Consulting

- MDAPs/non-MDAPS
- Identifies problems
- Uses multiple data collection methods
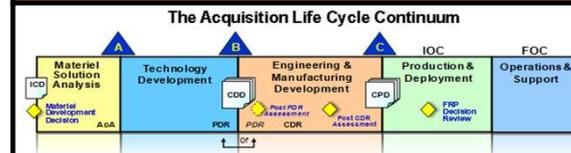- Intensive analyses
- Actionable results

Acquisition Milestone Reviews

The Acquisition Life Cycle Continuum

Sets your program up for success

Individual leadership development

Executive Coaching

Helps Senior Leaders achieve their <u>Extraordinary Futures</u>

Defense Acquisition Executive Overview Workshop (DAEOW)

- Focused on high-level interest areas
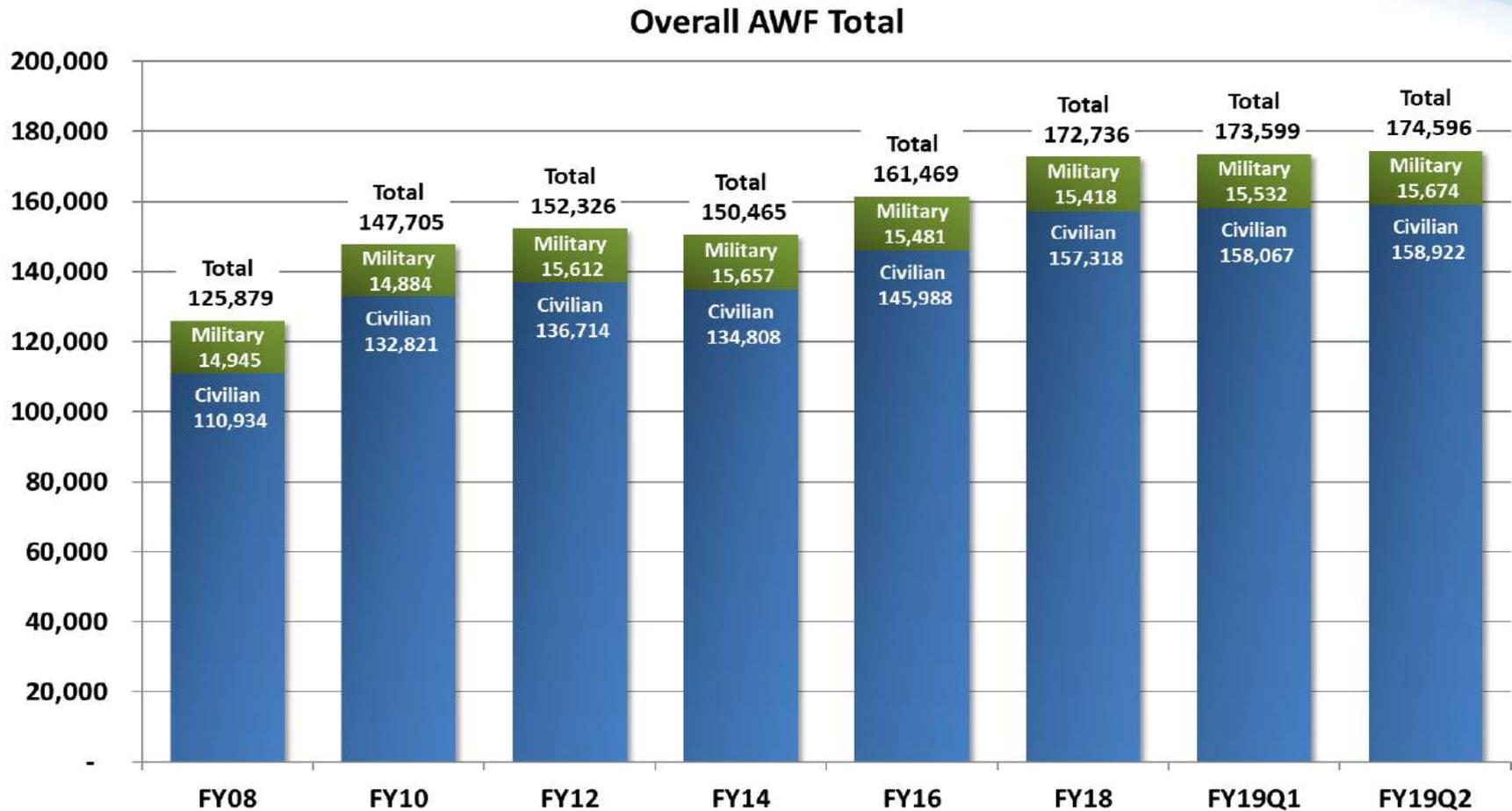- "Quick learn" venue
- Tailorable
- One-on-one

http://www.dau.mil/ma

AWF BY COMPONENT AND CAREER FIELD

Pie chart labels:
- BUS-CE 1,453 1%
- IT 8,056 5%
- T&E 8,983 5%
- FE 12,653 7%
- PQM 11,240 6%
- PM 18,198 10%
- LCL 21,294 12%
- Other 16,686 10%
- ENG 44,825 26%
- CON 31,208 18%
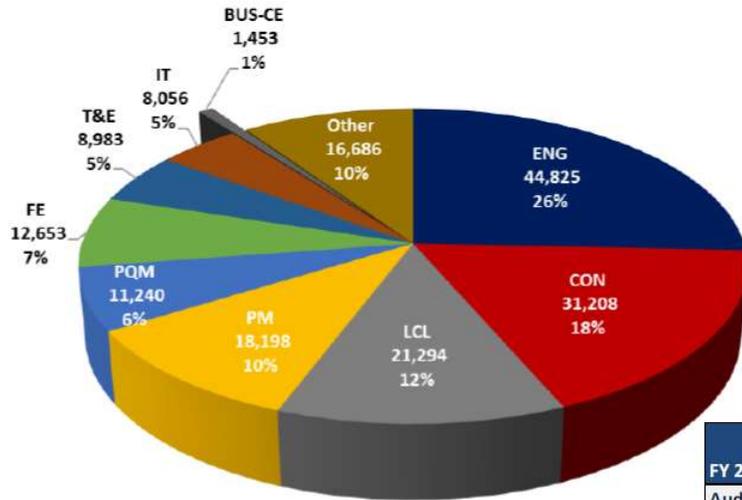
FY 2019 Q2	Army	Navy	Marine Corps	Air Force	4th Estate	Totals	% Total
Auditing	-	-	-	-	4,082	4,082	2.3%
Business - CE	254	555	35	517	92	1,453	0.8%
Business - FM	1,775	2,194	179	2,218	604	6,970	4.0%
Contracting	8,045	6,250	538	8,170	8,205	31,208	17.9%
Engineering	9,094	23,608	325	9,652	2,146	44,825	25.7%
Facilities Engineering	5,954	5,871	32	701	95	12,653	7.2%
Information Technology	1,860	3,477	226	1,422	1,071	8,056	4.6%
Life Cycle Logistics	6,941	6,451	705	3,762	3,435	21,294	12.2%
Production, Quality and Man	1,368	3,804	43	472	5,553	11,240	6.4%
Program Management	3,334	5,780	761	6,417	1,906	18,198	10.4%
Property	50	71	-	14	277	412	0.2%
Purchasing	273	373	37	47	474	1,204	0.7%
S&T Manager	489	518	4	2,854	135	4,000	2.3%
Test and Evaluation	1,930	3,292	142	3,265	354	8,983	5.1%
Unknown/Other	7	2	1	-	8	18	0.01%
Totals	41,374	62,246	3,028	39,511	28,437	174,596	
Component %	23.7%	35.7%	1.7%	22.6%	16.3%		

Annual Historic Workforce Size

Overall AWF Total

	FY08	FY10	FY12	FY14	FY16	FY18	FY19Q1	FY19Q2
Total	125,879	147,705	152,326	150,465	161,469	172,736	173,599	174,596
Military	14,945	14,884	15,612	15,657	15,481	15,418	15,532	15,674
Civilian	110,934	132,821	136,714	134,808	145,988	157,318	158,067	158,922

TOTAL HISTORIC WORKFORCE

BUS-CE

Business - CE

* Rounded to nearest 0.1%

Legend: Meets/Exceeds, Within 24 Months, Does Not Meet

Certification Level "Meet/Exceed" Rates by Component
BUS-CE (FY19Q2)

Acquisition Workforce Component	Meets or Exceeds	Within 24 month	Beyond 24 month	Total
Navy (FY10 13%)	61.4%	29.7%	8.8%	555
Air Force (FY10 0%)	48.2%	40.4%	11.4%	517
Army (FY10 4%)	74.0%	21.7%	4.3%	254
MDA (FY10 2%)	70.8%	29.2%		65
Marine Corps (FY10 5%)	94.3%	5.7%		35
DISA (FY10 N/A)	36.4%	63.6%		11
NRO (FY10 N/A)	16.7%	83.3%		6
DAU (FY10 N/A)	100.0%			6
DHA (FY10 N/A)	66.7%	33.3%		3
OSD (FY10 N/A)	100.0%			1
Total (FY10 7%)	59.9%	31.9%	8.2%	1,453

- ■ Meets or Exceeds Position Certification Level Requirements
- ■ Certification requirement not met and member within 24 month period
- ■ Certification requirements not met and member beyond 24 month period

Data Source: A&S DataMart as of 31 Mar 2019

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Certification Level "Meet/Exceed" Rates by Major Component AWF (FY19Q2)

	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	
Navy	(FY08 61%) 72.4%								25.1%	2.5%		62,246
Army	(FY08 49%) 77.0%								21.2%	1.8%		41,374
Air Force	(FY08 55%) 69.2%								26.7%	4.1%		39,511
Marine Corps	(FY08 58%) 67.6%								28.3%	4.1%		3,028
4th Estate	(FY08 76%) 77.5%								21.2%	1.3%		28,437
Total	(FY08 58%) 73.5%								23.9%	2.5%		174,596

■ Meets or Exceeds Position Certification Level Requirements

■ Certification requirement not met and member within 24 month period

■ Certification requirements not met and member beyond 24 month period

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FY19 Training - Cost Estimating

Level I Certification
Knowledge Based

ACQ 101
Fundamentals of Systems Acquisition Management
30 hours, online

EVM 101
Fundamentals of Earned Value Management
19 hours, online

BCF 110
Fundamentals of Business Financial Management
23 hours, online

BCF 130
Fundamentals of Cost Analysis
22 hours, online

BCF 131
Applied Cost Analysis
10 days classroom

CLB 035
Statistical Analysis
3 hours, online

CLB 042
Cost Risk and Uncertainty Analysis
8 hours, online

CLM 013
Work-Breakdown Structure
6 hours, online

Level II Certification
Case/Scenario Based

ACQ 202
Intermediate Systems Acquisition, Part A
34 hours, online

ACQ 203
Intermediate Systems Acquisition, Part B
5 days classroom

BCF 230
Intermediate Cost Analysis
9.5 days classroom

BCF 206
Cost Risk Analysis
3.5 days classroom

BCF 216
Applied Operating and Support Cost Analysis
4.5 days classroom

BCF 221
Intermediate Financial Management Concepts
30 hours, online

BCF 225
Acquisition Business Management Application
5 days classroom

BCF 250
Applied Software Cost Estimating
4.5 days classroom

CLB 026
Forecasting Techniques
2 hours, online

CLE 076
Introduction to Agile Software Acquisition
5 hours, online

Level III Certification
Case/Scenario Based

BCF 330
Advanced Concepts in Cost Analysis
5 days classroom

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2 Years of Acquisition Experience in CE

4 Years of Acquisition Experience in CE

6 Years of Acquisition Experience 5 in CE

BCF 132 Update

- Course extended to two weeks to provide more in-depth coverage of topics.

- Incorporated continuing exercise using to focus on application of cost estimating tools over the life of a system.

- Course incorporates more "hands-on" exercises where students go into databases (CADE; JIAT; DAMIR) and pull data.

- Emphasis placed on data analysis during the course – students.

BCF 216/216V Update

- Created a virtual version of the course to facilitate delivery of the course online.

- First two lessons expound on coverage of context for O&S conversation.

- Emphasis placed on importance of consideration of O&S early in the acquisition life cycle and affordability.

- More emphasis on examining databases (VAMOSC, OSCAM, SAR, JIAT, etc.).

- Students have more exercises and "hands-on" activities (especially with information from databases)

BCF 331 Update

- Reduced to One Week

- Redesigned – Less platform instructor lead more student/group facilitated discussions

- Students will participate in a continuing case study in the role of a senior cost estimator to successfully guide a hypothetical cost team through a milestone review cost estimate.

- Case study involves making difficult but realistic judgement calls often faced by people in those positions. Emphasis is placed on critical thinking, analytical decision making and leadership.

New Continuous Learning Module Coming Soon

Federally Funded Research and Development Centers (FFRDCs)

Administered in accordance with U.S. Code of Federal Regulations, Title 48, Part 35, Section 35.017

DoD FFRDCs

- Summary
  - What is an FFRDC
  - Types of DoD FFRDCs
  - How FFRDCs can help
  - How to work with FFRDCs

- History
- Governance
- FFRDC "one-pagers"

Cost Estimating Continuous Learning Modules

CLB 007 – Cost Analysis

CLB 008 – Program Execution

CLB 009 – PPBE and Execution

CLB 010 – Congressional Enactment

CLB 011 – Budget Policy

CLB 023 – Software Cost Estimating

CLB 025 – Total Ownership Cost

CLB 026 – Forecasting Techniques

CLB 029 – Rates

CLB 031 – Time Phasing Techniques

CLB 032 – Force Structure Costing

CLB 033 – DoD Databases for CE

CLB 034 – Probability Trees

CLB 035 – Statistical Analysis

CLB 036 – Foreign Military Sales

CLB 037 – Defense Working Capital Fund

CLB 038 – Comparative Analysis

CLB 039 – Common Cost Terms

CLB 040 – Should Cost Management

CLB 042 – Cost Risk and Uncertainty Analysis

BECOMING DAU OF THE FUTURE

Delivering Personalized Convenient Learning

- Modern users crave personalized learning

- AI-driven adaptive learning that enables customization

- Provide only content the user needs to learn

- Instant feedback

- Convenient and mobile friendly
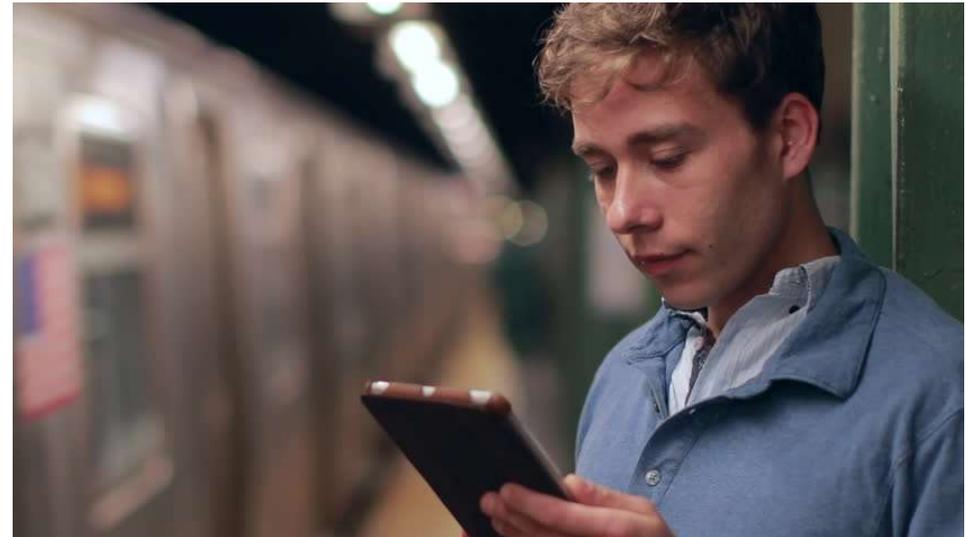
Accelerating the Adoption of Agile Development
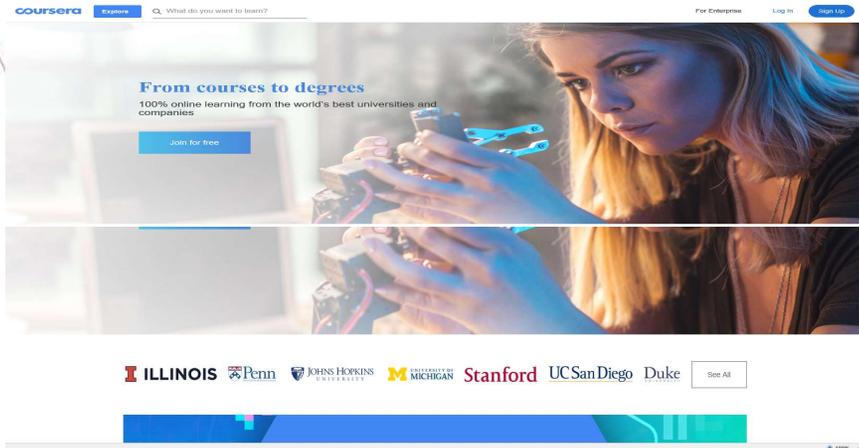
Provide Fundamental Knowledge
- Dedicated courses in agile and cloud computing
- Coursera curriculum on Agile and DevOps

Get the word out
- 550 participants in the March 7 DevSecOps forum
- Community of Practice

Help the doers
- Short-duration workshops
- Consulting
- Agile Coaching

Online Tools Help You Excel on the Job

- **Tools & Resources –** hundreds of assets at your fingertips with intuitive search

- **Web-enabled guidebooks –** take your notes and bookmarks with you. Download and view guidebooks, such as the DAG, on your computer or mobile device

- **Connect with experts and peers –** 50+ communities of practice

- **Interactivity** – provide feedback and ratings
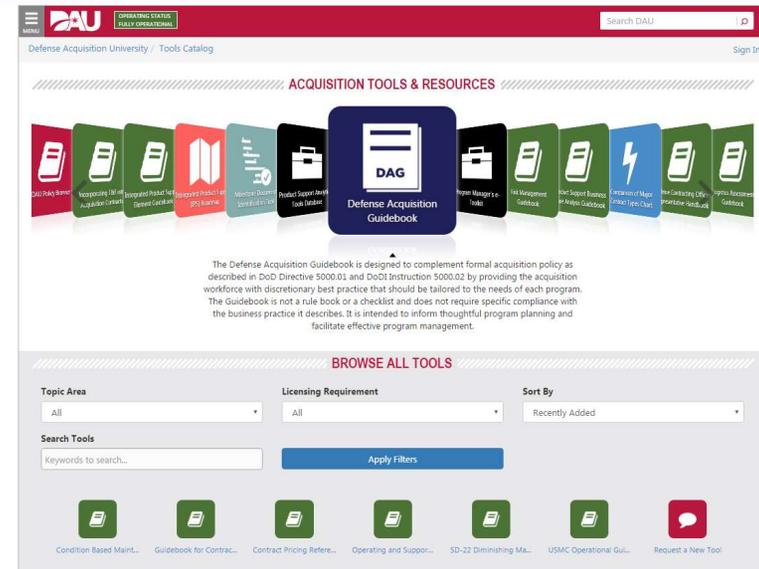
AAP **ACQuipedia** **Communities** **Glossary** **Defense Acquisition Guidebook** **IPS Roadmap** **Knowledge Repository**

Online Video Tour

We Keep You Current on Acquisition

Professional Development Events

Hot Topic Forums

Lunch and Learns

DAU Training Symposiums

Publications

Defense AT&L

Award-winning publication features experiences & observations of the acquisition community

https://www.dau.mil/library/defense-atl/
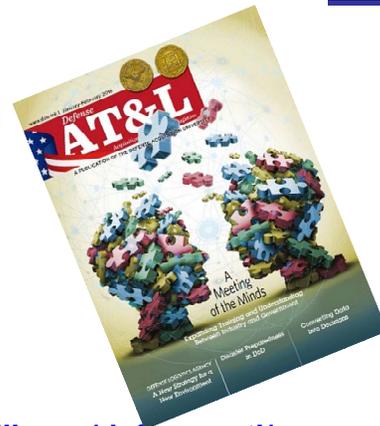
Defense Acquisition Research Journal

Peer-reviewed, scholarly journal features acquisition research, lessons learned, & best practices

https://www.dau.mil/library/arj/
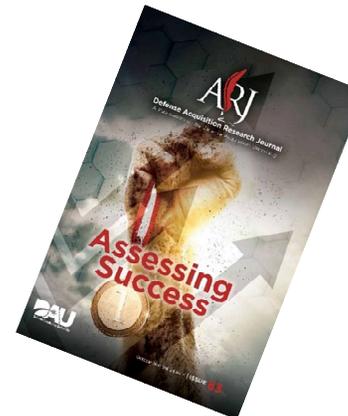
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DAU - Defense Acquisition University

Defense Acquisition University   **Education**

★ ★ ★ ★ ☆ 10 👤

🎟 Everyone

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Professional Development Opportunities
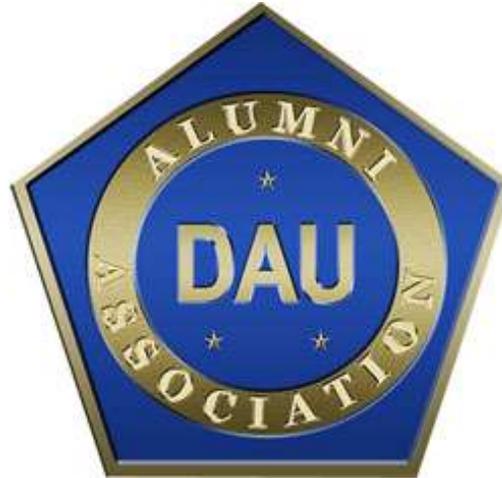
The DAU Alumni Association provides a means for continuing professional growth within the defense acquisition community and helps workforce members meet their continuous learning requirements.

The Association hosts the annual Acquisition Community Symposium and a number of Hot Topic Forums.

www.dauaa.org