

**DAU 2004  
Defense Acquisition  
University Catalog**



Providing 21<sup>st</sup> Century Learning Assets  
for the DoD AT&L Workforce

# The DAU Experience

As DAU helps shape the future for the Acquisition, Technology, and Logistics (AT&L) community, we will provide our customers with the “DAU Experience” – an experience that exemplifies DAU’s commitment to the customer by providing quality, relevant, and valuable services. Our guiding tenet is that everyone who comes in contact with DAU – our stakeholders, customers, faculty, and staff, whether in the classroom, online, on the telephone, at conferences, or in meetings – must receive the same positive experience anywhere and anytime, no matter what part of DAU they encounter.



With our values – customer focus, performance excellence, speed and agility, and teamwork – as the foundation in all we do, we promise to deliver quality training and products that are relevant in today’s AT&L environment, to remain connected with our customers, and to be responsive to their needs.

# THE DEFENSE ACQUISITION UNIVERSITY

## 2004 CATALOG



Donald H. Rumsfeld  
Secretary of Defense



Michael W. Wynne  
Acting Under Secretary  
of Defense (Acquisition,  
Technology and Logistics)



Deidre A. Lee  
Director  
Defense Procurement  
and Acquisition Policy  
OUSD(AT&L)



Frank J. Anderson, Jr.  
President  
Defense Acquisition  
University





Publisher: DAU Press  
Catalog Director: Kelley Berta  
Managing Editor: Kathryn Sondheimer  
Copy Editor: Deborah Gonzalez  
Cover Design: Paula Croisetiére and Lana Dragon  
Layout/Production: Kathryn Sondheimer  
Photographers: Richard Mattox and Kevin Moses

The placement of photos does not necessarily depict any relationship to a specific course or region. Some photos are digitally improved.

The *Defense Acquisition University 2004 Catalog* is published by the Defense Acquisition University Press, 9820 Belvoir Road, Fort Belvoir, VA 22060-5565.

This Catalog is available in digital format on the DAU Home Page at <http://www.dau.mil/catalog>.

# Contents

DAU Vision, Mission, and Strategic Goals .....	vi
Message from the President .....	vii
AT&L Performance Learning Model .....	viii
<b>Chapter 1 The Defense Acquisition University .....</b>	<b>1</b>
The Defense Acquisition University .....	3
DAU Leadership .....	4
Workforce Management .....	5
DAU Advisory Boards .....	6
What's New at DAU .....	8
<b>Chapter 2 Administrative Information .....</b>	<b>9</b>
Administrative Information .....	11
Course Information .....	11
Acquisition Workforce and Acquisition Corps Education Standards .....	13
Student Information .....	13
Course Registration and Quota Allocation .....	14
Registration Procedures .....	15
<b>Chapter 3 Career Field Descriptions .....</b>	<b>17</b>
Career Field Descriptions .....	19
Auditing .....	19
Business, Cost Estimating, and Financial Management .....	19
Contracting .....	19
Facilities Engineering .....	20
Industrial/Contract Property Management .....	20
Information Technology .....	20
Life Cycle Logistics .....	21
Production, Quality and Manufacturing .....	21
Program Management .....	21
Purchasing .....	22
Systems Planning, Research, Development and Engineering – Science and Technology Manager .....	22
Systems Planning, Research, Development and Engineering – Systems Engineering .....	22
Test and Evaluation .....	22
<b>Chapter 4 Course Descriptions .....</b>	<b>23</b>
Course Descriptions .....	25
Certification Courses .....	25
Assignment-specific Courses .....	25
Some Acronyms Used in This Chapter .....	25
ACQ 101 Fundamentals of Systems Acquisition Management .....	26
ACQ 201A Intermediate Systems Acquisition, Part A .....	26
ACQ 201B Intermediate Systems Acquisition, Part B .....	27
ACQ 401 Senior Acquisition Course .....	27
ACQ 402 Executive Management Course .....	28
ACQ 403 Defense Acquisition Executive Overview Workshop .....	28
ACQ 404 Systems Acquisition Management Course for General/Flag Officers .....	29
ACQ 405 Executive Refresher Course .....	29
AUD 1130 Technical Indoctrination .....	30
AUD 1320 Intermediate Contract Auditing .....	30
AUD 4120 Statistical Sampling .....	31
AUD 4230 Graphic, Computational, and Improvement Curve Analysis Techniques .....	31

AUD 8562	Defense Contract Audit Agency Personnel Management Policy .....	32
BCF 101	Fundamentals of Cost Analysis .....	32
BCF 102	Fundamentals of Earned Value Management .....	33
BCF 103	Fundamentals of Business Financial Management .....	33
BCF 203	Intermediate Earned Value Management .....	34
BCF 204	Intermediate Cost Analysis.....	34
BCF 205	Contractor Business Strategies ( <i>Formerly Contractor Finance for Acquisition Managers</i> ) .....	35
BCF 206	Cost Risk Analysis .....	35
BCF 207	Economic Analysis .....	36
BCF 208	Software Cost Estimating .....	36
BCF 209A	Acquisition Reporting Course, Part A ( <i>Formerly Selected Acquisition Report</i> ) .....	37
BCF 209B	Acquisition Reporting Course, Part B ( <i>Formerly Selected Acquisition Report</i> ) .....	37
BCF 209C	Acquisition Reporting Course, Part C ( <i>Formerly Selected Acquisition Report</i> ) .....	38
BCF 211A	Acquisition Business Management, Part A .....	38
BCF 211B	Acquisition Business Management, Part B .....	39
BCF 215	Operating and Support Cost Analysis .....	39
BCF 301	Business, Cost Estimating, and Financial Management Workshop .....	40
CAR 805	Contemporary Approaches to Acquisition in the Information Age .....	40
CON 100	Shaping Smart Business Arrangements .....	41
CON 101	Basics of Contracting .....	41
CON 104A	Principles of Contract Pricing, Part A .....	42
CON 104B	Principles of Contract Pricing, Part B .....	42
CON 202	Intermediate Contracting .....	43
CON 204	Intermediate Contract Pricing .....	43
CON 210	Government Contract Law .....	44
CON 232	Overhead Management of Defense Contracts .....	44
CON 234	Contingency Contracting .....	45
CON 235	Advanced Contract Pricing .....	45
CON 236	Contractual Aspects of Value Engineering .....	46
CON 237	Simplified Acquisition Procedures .....	46
CON 243	Architect-Engineer Contracting .....	47
CON 244	Construction Contracting .....	47
CON 250	Fundamentals of Cost Accounting Standards – Part I.....	48
CON 251	Fundamentals of Cost Accounting Standards – Part II .....	48
CON 353	Advanced Business Solutions for Mission Support .....	49
FE 201	Intermediate Facilities Engineering .....	49
GRT 201	Grants and Agreements Management .....	50
IND 100	Contract Property Administration and Disposition Fundamentals .....	50
IND 103	Contract Property Systems Analysis Fundamentals .....	51
IND 200	Intermediate Contract Property Administration .....	51
IRM 101	Basic Information Systems Acquisition .....	52
IRM 201	Intermediate Information Systems Acquisition .....	52
IRM 303	Advanced Information Systems Acquisition .....	53
LAW 801	Acquisition Law .....	53
LOG 101	Acquisition Logistics Fundamentals .....	54
LOG 102	Systems Sustainment Management Fundamentals .....	54
LOG 201A	Intermediate Acquisition Logistics, Part A .....	55
LOG 201B	Intermediate Acquisition Logistics, Part B .....	55
LOG 203	Reliability and Maintainability .....	56
LOG 204	Configuration Management .....	56
LOG 235A	Performance Based Logistics, Part A .....	57
LOG 235B	Performance Based Logistics, Part B .....	57
LOG 304	Executive Life Cycle Logistics Management .....	58
PMT 202	Multinational Program Management .....	58
PMT 203	International Security and Technology Transfer/Control .....	59
PMT 250	Program Management Tools .....	59
PMT 304	Advanced International Management Workshop .....	60
PMT 352A	Program Management Office Course, Part A .....	60
PMT 352B	Program Management Office Course, Part B .....	61
PMT 401	The Program Manager's Course .....	61
PMT 402	Executive Program Manager's Course .....	62

PMT 403	Program Manager's Skills .....	62
PQM 101	Production, Quality and Manufacturing Fundamentals .....	63
PQM 103	Defense Specification Management .....	63
PQM 104	Specification Selection and Application .....	64
PQM 201A	Intermediate Production, Quality and Manufacturing, Part A .....	64
PQM 201B	Intermediate Production, Quality and Manufacturing, Part B .....	65
PQM 202	Commercial and Nondevelopmental Item Acquisition Course for Technical Personnel .....	65
PQM 203	Preparation of Commercial Item Descriptions for Engineering and Technical Personnel ...	66
PQM 212	Market Research for Engineering and Technical Personnel .....	66
PQM 301	Advanced Production, Quality and Manufacturing .....	67
SAM 101	Basic Software Acquisition Management .....	67
SAM 201	Intermediate Software Acquisition Management .....	68
SAM 301	Advanced Software Acquisition Management .....	68
STM 301	Program Management for S&T Managers .....	69
STM 302	Systems Engineering for S&T Managers .....	69
SYS 201A	Intermediate Systems Planning, Research, Development and Engineering, Part A .....	70
SYS 201B	Intermediate Systems Planning, Research, Development and Engineering, Part B .....	70
SYS 301	Advanced Systems Planning, Research, Development and Engineering .....	71
TST 101	Introduction to Acquisition Workforce Test and Evaluation .....	71
TST 202	Intermediate Test and Evaluation .....	72
TST 301	Advanced Test and Evaluation .....	72
	Distance Learning Courses .....	73
	Continuous Learning Opportunities .....	74
	Course Predecessors .....	76

## Appendices ..... 79

Appendix A	DAU Regions .....	81
	DAU West Region (San Diego, California) .....	82
	DAU Midwest Region (Wright-Patterson Air Force Base, Ohio) .....	83
	DAU South Region (Huntsville, Alabama) .....	84
	DAU Mid-Atlantic Region [ <i>Near Patuxent River Naval Air Station</i> ] (California, Maryland) .....	85
	DAU Capital & Northeast Region (Fort Belvoir, Virginia) and DSMC – School of Program Managers (Fort Belvoir, Virginia) .....	86
Appendix B	Certification Standards Checklists .....	87
	Auditing .....	88
	Business, Cost Estimating, and Financial Management .....	90
	Contracting .....	91
	Facilities Engineering .....	93
	Industrial/Contract Property Management .....	94
	Information Technology .....	96
	Life Cycle Logistics – Acquisition Logistics .....	97
	Life Cycle Logistics – Systems Sustainment Management .....	98
	Production, Quality and Manufacturing .....	99
	Program Management .....	100
	Purchasing .....	101
	Systems Planning, Research, Development and Engineering – Science and Technology Manager .....	102
	Systems Planning, Research, Development and Engineering – Systems Engineering .....	103
	Test and Evaluation .....	104
Appendix C	Assignment-specific Training .....	105
Appendix D	Equivalencies .....	109
Appendix E	Continuing Education Units .....	119
Appendix F	Meeting Acquisition Corps Education Standards .....	125
Appendix G	Other Products and Services Provided by DAU .....	135

## DAU Vision

A premier corporate university serving the DoD acquisition, technology, and logistics community

## DAU Strategic Goals

Provide our customers what they need, when and where they need it

•  
Operate a premier learning enterprise

•  
Promote transformation through excellence in acquisition, technology, and logistics practices

•  
Provide an environment valuing achievement, growth, and career-long learning



## DAU Mission

Provide practitioner training and services to enable the acquisition, technology, and logistics community to make smart business decisions and deliver timely and affordable capabilities to the warfighter



**DEFENSE ACQUISITION UNIVERSITY**  
9820 BELVOIR ROAD  
FORT BELVOIR, VIRGINIA 22060-5565

## MESSAGE FROM THE PRESIDENT

The Defense Acquisition University (DAU) is the one institution that touches nearly every member of the DoD Acquisition, Technology, and Logistics (AT&L) workforce throughout all professional career stages. We provide a full range of basic, intermediate, and advanced certification training, assignment-specific training, performance support, job-relevant applied research, and continuous learning opportunities.

To achieve our vision as a premier corporate university serving the DoD AT&L workforce, we support the goals of our stakeholders, demonstrate a customer-centric attitude, and embrace a new learning paradigm that shifted our focus from the traditional classroom of the 20<sup>th</sup> century to the total learning environment of the 21<sup>st</sup> century.

To ensure the success of this new total learning environment and to provide our stakeholders with more control over their career-long learning solutions, we have adopted an overarching learning strategy – the AT&L Performance Learning Model. This model transforms our concept of learning beyond the course itself. We have implemented aggressive performance support, targeted training, and applied research programs to provide solutions for critical on-the-job needs. Integral parts of the total learning environment include continuous learning, knowledge sharing, and communities of practice. We have strategically partnered with academic institutions, professional organizations, corporations, and government agencies to provide professional development, equivalencies, academic credit toward degree programs, as well as certificates for DAU courses.

We dedicate ourselves and all we do to provide our stakeholders with the highest quality learning experience possible, which we call the *DAU Experience*. The DAU Experience provides quality service to everyone we touch. Our primary goal is that everyone who comes in contact with DAU – our stakeholders, customers, faculty, and staff, whether in the classroom, online, on the phone, at conferences, or in meetings – will receive the same great experience at any time and anywhere.

We look forward to working with you during your next DAU Experience!

A handwritten signature in cursive script that reads "Frank J. Anderson, Jr." is positioned above the printed name.

Frank J. Anderson, Jr.  
President  
Defense Acquisition University

# AT&L Performance Learning Model

In 2002, the Defense Acquisition University (DAU) adopted the Acquisition, Technology, and Logistics (AT&L) Performance Learning Model (PLM) that lays the foundation for meeting the career-long training and professional development needs of the AT&L workforce.

DAU was established as a result of the Defense Acquisition Workforce Improvement Act (DAWIA), which identifies education, training, and experience requirements for all AT&L workforce members by career field and certification level. In the ever-changing acquisition environment of the 21<sup>st</sup> century, however, it became clear that currency in any given career field required more than certification training alone. To complement the DAWIA requirements, DAU now offers a platform of training and performance-support elements that are accessible to all workforce members at all times and in all places.

Performance Support is tailored to the customer's needs and includes, but is not limited to, consulting, coaching, mentoring, and facilitation.

Rapid Deployment Training focuses attention on a limited number of emerging initiatives and delivers targeted training expeditiously. More information on Performance Support and Rapid Deployment Training is provided in Appendix G of this Catalog.

The DAU Continuous Learning Center offers continuous learning opportunities designed to maintain currency and help employees meet the DoD requirement to complete 80 hours of continuous learning every 2 years. Details on the Continuous Learning Center are provided at the end of Chapter 4.

Knowledge Sharing is an inherent function of any educational institution. The AT&L Knowledge Sharing System provides online access to a variety of tools and reference materials that facilitate supporting the warfighter. Online communities of practice also provide an electronic forum for sharing knowledge, information, lessons learned, and best practices. More information on both is in Appendix G of this Catalog.

