

Course Registration Websites and Contacts

- Army: <https://www.atrrs.army.mil/channels/aitas>
- Navy: <https://www.atrrs.army.mil/channels/navyedacm/Public/DODConsentForm.htm>
- Air Force: <https://www.atrrs.army.mil/channels/acqnow>
- Civilian DoD employees outside the military departments: <https://www.atrrs.army.mil/channels/acqtas>
- Civilians working for non-DoD federal agencies, e.g., DOE, IRS, FAA, etc.: <https://www.atrrs.army.mil/channels/nondod>
- Industry Contractors working on DoD projects: <https://www.atrrs.army.mil/channels/nondod>
- General Course Information: <http://www.icatalog.dau.mil>

Continuous Learning Websites

- Continuous Learning Policy and Procedures: <http://www.acq.osd.mil/dpap/>
- Continuous Learning Center: <http://dau.mil/clc>
- Defense Acquisition Portal: <https://dap.dau.mil>
- Acquisition Community Connection: <https://acc.dau.mil>



Defense Acquisition University
9820 Belvoir Road
Fort Belvoir, Virginia 22060-5565

www.dau.mil
1-888-284-4906



West Region
San Diego, California
619-524-4814



Midwest Region
Kettering, Ohio
937-781-1025



South Region
Huntsville, Alabama
256-922-8020



Mid-Atlantic Region
California, Maryland
240-895-7344



Capital and Northeast Region
Fort Belvoir, Virginia
703-805-2764

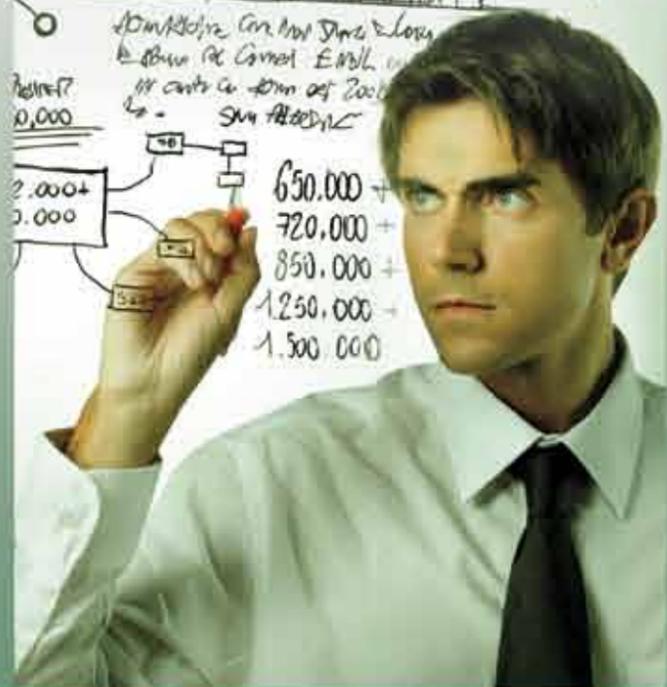


DSMC - Defense Systems Management College
Fort Belvoir, Virginia
703-805-2436



Business—Cost Estimating Career Track

The Acquisition Community's Learning Resource of Choice!



COST ESTIMATING CERTIFICATION STANDARDS

"R" following a course title indicates a resident course.

Education Requirements:

- Baccalaureate degree (any field of study).
- 3 semester credit hours from a calculus course.
- 21 semester credit hours in any combination of the following fields of study: operations research, economics, mathematics, chemistry, physics, or other sciences where there is utilization of advanced mathematical skills in geometry, trigonometry, statistics, probability, and/or quantitative analysis.

LEVEL I CERTIFICATION

2 years of acquisition experience in Cost Estimating.

ACQ 101 (Self-paced, online)
Fundamentals of Systems Acquisition Management

BCF 102 (Self-paced, online)
Fundamentals of Earned Value Management

BCF 103 (Self-paced, online)
Fundamentals of Business Financial Management

BCF 106 (Self-paced, online)
Fundamentals of Cost Analysis

BCF 107 (4.5 days classroom)
Applied Cost Analysis

LEVEL II CERTIFICATION

4 years of acquisition experience in Cost Estimating.

If not already completed at Level I.

ACQ 201A (Self-paced, online)
Intermediate Systems Acquisition, Part A

ACQ 201B (5 days classroom)
Intermediate Systems Acquisition, Part B (R)

BFC 204 (9 days classroom)
Intermediate Cost Analysis (R)

BCF 206 (3.5 days classroom)
Cost Risk Analysis (R)

BCF 211 (Self-paced, online, 5 days classroom)
Acquisition Business Management (R)

BCF 215 (4.5 days classroom)
Operating & Support Cost Analysis (R)

CLB 026 (2-hour continuous learning module)
Forecasting Techniques

CLB 030 (3-hour continuous learning module)
Cost Data Sources

LEVEL III CERTIFICATION

7 years of acquisition experience in Cost Estimating.

Acquisition Training identified at Level II must have been completed.

BCF 302 (9 days classroom)
Advanced Concepts in Cost Estimating (R)

CLB 023 (2-hour continuous learning module)
Software Cost Estimating

CLB 029 (4-hour continuous learning module)
Rates

PLAN YOUR TRAINING WITH CORE PLUS

Core Plus represents an enhanced career field certification and development framework that is best illustrated as three concentric circles.



The **inner ring**, Core Acquisition Certification, represents the broad range of competencies that are common across the Defense Acquisition Workforce.

The **middle ring**, Core Functional Certification, represents those specialized competencies that relate to an acquisition function (i.e., career field) such as contracting, program management, test and evaluation, or any one of the 12 acquisition career fields.

Finally, the **outer ring**, Core Plus, represents those acquisition or functional competencies that target tasks directly related to specific types of job assignments in a particular acquisition career field.

For each career field/path, the combination of the inner and middle rings for each level (I, II, and III) will represent the minimum career field certification standards associated with the position requirements.

ACQ 101

Fundamentals of System Acquisition

- Concepts/knowledge-based.
- Introduction to policy, business, and technical areas of system acquisition.
- Target Audience: Civilian GS-5/9, Military O-1/3.
- 25 hours of Internet lessons.
- Prerequisite: None.

BCF 102

Fundamentals of Earned Value Management

- Concepts/comprehension/application.
- Comprehension of the baseline plan development process, distinguished between Integrated Baseline Review process and earned value management system certification process, and performance of basic data analysis and estimates at completion.
- Target Audience: Civilian GS-9 and above, Military O-1 and above.
- 20 hours of Internet lessons.
- Prerequisite: ACQ 101.

BCF 103

Fundamentals of Business Financial Management

- Concepts/comprehension/application.
- Introduction to formulating and executing a program office budget.
- Target Audience: Civilians and military officers working in or selected for positions requiring knowledge or use of funds management principles.
- 26 hours of Internet lessons.
- Prerequisites: ACQ 101, BCF 102.

BCF 106

Fundamentals of Cost Analysis

- Concepts/comprehension/application.
- Introduction to policies and techniques for preparing weapons systems life cycle cost estimates.
- Target Audience: DoD civilians and military officers responsible for preparing materiel systems and cost estimates.
- 40 hours of Internet lessons.
- Prerequisite: ACQ 101, competence in algebra equal to a second-year high-school algebra course.

BCF 107

Applied Cost Analysis

- Concepts/comprehension/application.
- Apply cost estimating techniques; interpret/evaluate data for use in cost estimate development; and use computer applications to development estimates.
- Target Audience: DoD civilians and military officers responsible for preparing materiel systems and cost estimates.
- 4.5 days classroom.
- Prerequisite: BCF 106, competence in algebra equal to a second-year high-school algebra course; knowledge a calculator that has natural logarithms, exponentiation, and an inverse key.

ACQ 201 Parts A&B

Intermediate Systems Acquisition

- Concepts/comprehension/application.
- Scenario-based through Joint Services Unmanned Aerial Vehicle acquisition.
- Target Audience: Civilian GS-9 and above, Military O-3 and above.
- 35 hours of Internet lessons and 5 days classroom.
- Prerequisite: ACQ 101.

BCF 204

Intermediate Cost Analysis

- Comprehension/application/analysis.
- Addresses estimate definition, development, planning, formulation, review, and presentation. Estimating techniques—i.e., parametrics, analogy, expert opinion, and improvement curves—are addressed in more depth. Computations are done using automated cost estimating integrated tools.
- Target Audience: Civilian GS-9 and above, Military O-3 and above.
- 9 days classroom.
- Prerequisites: BCF 106, BCF 107.

BCF 206

Cost Risk Analysis

- Concepts/comprehension/application/analysis.
- Cost analysts taking this course are given an overview of how to model the cost/risk associated with a defense acquisition program.
- Topics include basic probability concepts, subjective probability assessment, goodness-of-fit testing, basic simulation concepts, and spreadsheet-based simulation.
- Target Audience: Civilian GS-9 and above, Military O-3 and above.
- 3.5 days classroom.
- Prerequisites: BCF 106, BCF 107, and CLB 024.

BCF 211

Acquisition Business Management

- Application/analysis.
- Hands-on experience dealing with common financial issues in acquisition.
- Target Audience: Intermediate-level personnel in positions supporting DoD weapons systems and various aspects of business and financial management throughout the life cycle of a system.
- 65 calendar allowed days to complete online pre-course work; 5 days classroom.
- Prerequisites: BCF 102, BCF 103, and BCF 106.

BCF 215

Operating and Support Cost Analysis

- Comprehension/application/analysis.
- Participants learn the concepts and methodologies needed to develop operating and support cost estimates, total ownership cost reduction studies, cost as an independent variable, management processes, and other management decision processes in which operating and support costs are relevant.
- 4.5 days classroom.
- Prerequisites: Competence in algebra.

CLB 026

Forecasting Techniques

- This course provides the learner with information on forecasting for the Defense Acquisition Workforce. Through various approaches and practical exercises designed to give the learner foundational knowledge of forecasting.

CLB 030

Cost Data Sources

- This module introduces the basics of data sources and collection as it relates to cost estimating. At the conclusion of this module, students should be familiar with and able to describe various data sources used in constructing a cost estimate. Students will be able to explain the necessity of having programmatic and technical, and cost data. Students will also be able to give illustrations of various problems relating to collecting and analyzing data.



"No changes to the acquisition system itself can substitute for good sense, good discipline, alignment of what we buy with what our strategy requires and, above all, good people performing the acquisition function."

Ashton B. Carter
Under Secretary of Defense
for Acquisition, Technology & Logistics

BCF 302

Advanced Concepts in Cost Analysis

- Comprehension/application/analysis.
- The course is designed for mid- to senior-level cost estimators to apply their skills in developing and preparing cost estimates for all ACAT Levels within the MAIS and MDAP designation. Students will use their critical thinking and analytical skills to execute all steps in assessing credible, repeatable, and defensible cost estimates.
- Target Audience: Civilian GS-9 and above, Military O-3 and above.
- 9 days classroom.
- Prerequisite: BCF 204, BCF 206, BCF 211, BCF 215, CLB 023, CLB 026, CLB 030.

CLB 023

Software Cost Estimating

- This course provides an overview of DoD policy, guidance, and application of software cost estimating, and enables the business or program manager to determine if an estimate is realistic and defensible.

CLB 029

Rates

- This module introduces the basics of wrap rate development as it relates to cost estimating. At the conclusion of this module, students should be familiar with and able to describe portions of a cost estimate that require use of wrap rate calculations. Students also will be able to describe the components for building an estimate using engineering standards as well as calculate a wrap rate or Fully Burdened Labor Rate (FBLR).