



# Plan of Instruction Assignment, Certification & Record of Changes/Corrections

## 1. Course ID, Title, Implementation Date and Version

See the footer section of this document

## 2. Course Assignment

This course is assigned as follows:

- Center for Acquisition/Program Management
- Center for Finance
- Center for Contracting
- Center for Logistics
- X Center for Engineering & Technology
- Defense Systems Management College

	Name	Email	Phone #
CD:	Dave Pearson	<a href="mailto:David.Pearson@dau.mil">David.Pearson@dau.mil</a>	703.805.5269
PLD:	Larry Baker	<a href="mailto:Larry.Baker@dau.mil">Larry.Baker@dau.mil</a>	703.805.3636
CM:	Vacant		
ISD:	Debra Moore	<a href="mailto:Debra.Moore@dau.mil">Debra.Moore@dau.mil</a>	703.805.4535

## 3. Certifications/Approval

Instructional System Designer (ISD): The course objectives, Blooms level assigned, assessment instruments and overall structure are consistent and compliant with the DAU Curriculum Development Guide.

ISD: \_\_\_\_\_

Course Manager (CM): All course material is current, directly supports and is traceable to the course objectives as outlined on the CSAP.

CM: \_\_\_\_\_

Performance Learning Director (PLD): I have reviewed the course material and support the ISD & CMs certification. Furthermore, Performance/Terminal objectives of this course map directly and appropriately support the capability requirements outlined in the sub-competencies approved by the appropriate Functional Leader.

PLD: \_\_\_\_\_

Center Director (CD): Reviewed and approved

CD: \_\_\_\_\_

Course ID:	IRM 304	Version:	1.1
Course Title:	Advanced Information Systems Acquisition	Date	23 May 2013



# Plan of Instruction Assignment, Certification & Record of Changes/Corrections

## 4. Record of Changes/Corrections

Date: (yymmdd)	Part(s) & Para #(s)	Ver #	Summary of Change/Correction & Why



# Plan of Instruction – Part 1

## Course Overview

### 1. Course Description

Using case studies, the course focuses on decision making and management of the development of DoD information communications technology systems, issues related to capital planning and investment control and portfolio management, enterprise architecture, information assurance, acquisition planning, systems test & evaluation, and systems engineering. Supplemented with industry speakers who provide industry perspectives on information systems management and contracting, IRM 304 integrates a variety of essential advanced topics critical to successful information systems acquisition.

### 2. Target Attendees

This course is for civilian senior managers, GS/GM-13 through GS/GM-15, and military officers, O-4 through O-6, who have successfully completed the requirements for Level II in the Information Resource Management (IRM) career field.

### 3. Prerequisites

DAU Course(s):

ID	Name	Required	Recommended
ACQ 201B	Intermediate Systems Acquisition, Part B	X	
IRM 202*	Intermediate Information Systems Acquisition	X	

\* ADDITIONAL NOTE REGARDING IRM 202: The completion of both IRM 201, Intermediate Information Systems Acquisition as well as SAM 201, Intermediate Software Acquisition Management can substitute for meeting the IRM 202 prerequisite through 30 September 2011. Accordingly, students who obtained Level II IT certification via completion of IRM 201 and SAM 201 are encouraged to apply for IRM 304 during FY 2011 if intending to pursue a Level III certification in the IT career field.

Non Course:

Required: None

Recommended: None

### 4. Predecessor Course(s)

Course ID	Course Name	Acceptable Until
IRM 303	Advanced Information Systems Acquisition	Oct 1 of 2013

### 5. First Offering

Month: November Year: 2008

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Course ID: IRM 304 Version: 1.1  
 Course Title: Advanced Information Systems Acquisition Date: 23 May 2013



# Plan of Instruction – Part 1 Course Overview

## 6. Primary Delivery Methodology

- Distance Learning – Rolling Admissions
- Distance Learning – FOLE
- Resident

### For Resident Courses

Per course design:      Ideal (by Design) #: 25  
                                      Min # of students: 15  
                                      Max # of students: 30

#### Course Pre-work Requirements:

3 reading assignments with 3 accompanying knowledge checks (exams).

Expected Time to Complete Course Pre-Work: 180 min

#### Course Length:

Total # of work days: 5  
 Total time for planned **classroom hours**  
     Academic: 2100 min  
     Administrative: 330 min  
 Total time for planned **out of class activities**: 481 min

Instructor Loading Requirements: 2 (number of full time committed instructors required to deliver this course, on campus from start to finish)

## 7. Course Notes

- Graded pre-course assignments constitute 20% of the overall course grade
- IRM 304 welcome e-mail includes details on accessing the on-line pre-course workspace on Blackboard (Bb). Workspace access is provided 21 calendar days before the resident course begins.

## 8. Location

The course is deliverable at any one of our Regional Campus' or satellite facilities across the U.S. and overseas. The course can also be delivered on-site at any DoD owned or contracted facility across the globe as long as the environmental support requirements can be accommodated.

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Course ID:	IRM 304	Version:	1.1
Course Title:	Advanced Information Systems Acquisition	Date	23 May 2013



# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 0      **Title:** Course Introduction

### Duration

**Classroom/On-line (Academic):** 30 min  
**Student out of class assignments:** 0 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input type="checkbox"/> Team-Based Problem Solving         |
| <input type="checkbox"/> Case Study                     | <input type="checkbox"/> Mentored Project/Independent Study |

### Supporting Aids/Media Employed

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Presentation charts/slides | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input type="checkbox"/> Readings/textbooks/handouts           | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

Internet Access

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Shared Storage Drive

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Computers must have CD Drive

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# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 1      **Title:** Enterprise Architecture (EA)

### Duration

**Classroom/On-line (Academic):** 180 min  
**Student out of class assignments:** 0 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input checked="" type="checkbox"/> Team-Based Problem Solving         |
| <input checked="" type="checkbox"/> Case Study          | <input checked="" type="checkbox"/> Mentored Project/Independent Study |

### Supporting Aids/Media Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Presentation charts/slides  | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input checked="" type="checkbox"/> Readings/textbooks/handouts | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

Internet Access

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Shared Storage Drive

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Computers must have CD Drive

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# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 2      **Title:** Capital Planning and Investment Control and Portfolio Mgmt

### Duration

**Classroom/On-line (Academic):** 210 min  
**Student out of class assignments:** 0 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input checked="" type="checkbox"/> Team-Based Problem Solving |
| <input checked="" type="checkbox"/> Case Study          | <input type="checkbox"/> Mentored Project/Independent Study    |

### Supporting Aids/Media Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Presentation charts/slides  | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input checked="" type="checkbox"/> Readings/textbooks/handouts | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student
- Printer Access Required
- Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

- Internet Access
- Shared Storage Drive
- Computers must have CD Drive



# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 3      **Title:** Information Assurance (IA)

### Duration

**Classroom/On-line (Academic):** 210 min  
**Student out of class assignments:** 60 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

  

Facilitated Lecture  
Case Study

  

Team-Based Problem Solving  
Mentored Project/Independent Study

### Supporting Aids/Media Employed

  

Presentation charts/slides  
Readings/textbooks/handouts

  

Web-Based resources/tools  
Video/DVD

### Equipment & Facilities Required

#### Computers

  
  
  

Instructor Only  
Instructor Only with Projection Capability  
One Per Student Pairs  
One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

  
  

Breakout Area  
Easel w/ Paper and Pens  
Computer

#### List Other Equipment Required

Internet Access

Shared Storage Drive

Computers must have CD Drive



# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 4      **Title:** Project/Program Management

### Duration

**Classroom/On-line (Academic):** 240 min  
**Student out of class assignments:** 60 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input checked="" type="checkbox"/> Team-Based Problem Solving |
| <input checked="" type="checkbox"/> Case Study          | <input type="checkbox"/> Mentored Project/Independent Study    |

### Supporting Aids/Media Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Presentation charts/slides  | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input checked="" type="checkbox"/> Readings/textbooks/handouts | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

Internet Access

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Shared Storage Drive

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Computers must have CD Drive

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# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 5      **Title:** Acquisition Strategies

### Duration

**Classroom/On-line (Academic):** 210 min  
**Student out of class assignments:** 0 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input checked="" type="checkbox"/> Team-Based Problem Solving |
| <input checked="" type="checkbox"/> Case Study          | <input type="checkbox"/> Mentored Project/Independent Study    |

### Supporting Aids/Media Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Presentation charts/slides  | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input checked="" type="checkbox"/> Readings/textbooks/handouts | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

- Internet Access
- Shared Storage Drive
- Computers must have CD Drive



# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 6

**Title:** Acquisition Planning, Solicitation, & Admin of Product & Services

### Duration

**Classroom/On-line (Academic):** 330 min

**Student out of class assignments:** 60 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

X
X

Facilitated Lecture  
Case Study

X

Team-Based Problem Solving  
Mentored Project/Independent Study

### Supporting Aids/Media Employed

X
X

Presentation charts/slides  
Readings/textbooks/handouts

X

Web-Based resources/tools  
Video/DVD

### Equipment & Facilities Required

#### Computers

X

Instructor Only  
Instructor Only with Projection Capability  
One Per Student Pairs  
One Per Student

X
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Printer Access Required

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Additional Instructor(s)

#### Work Group Requirements


Breakout Area  
Easel w/ Paper and Pens  
Computer

#### List Other Equipment Required

Internet Access

Shared Storage Drive

Computers must have CD Drive



# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 7      **Title:** Information Systems Engineering

### Duration

**Classroom/On-line (Academic):** 240 min  
**Student out of class assignments:** 60 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input checked="" type="checkbox"/> Team-Based Problem Solving |
| <input checked="" type="checkbox"/> Case Study          | <input type="checkbox"/> Mentored Project/Independent Study    |

### Supporting Aids/Media Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Presentation charts/slides  | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input checked="" type="checkbox"/> Readings/textbooks/handouts | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

Internet Access

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Shared Storage Drive

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Computers must have CD Drive

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# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 8      **Title:** System T&E and Software V&V

### Duration

**Classroom/On-line (Academic):** 210 min  
**Student out of class assignments:** 60 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input checked="" type="checkbox"/> Team-Based Problem Solving |
| <input type="checkbox"/> Case Study                     | <input type="checkbox"/> Mentored Project/Independent Study    |

### Supporting Aids/Media Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Presentation charts/slides  | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input checked="" type="checkbox"/> Readings/textbooks/handouts | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

- Internet Access
- Shared Storage Drive
- Computers must have CD Drive



## Plan of Instruction – Part 2 Course Outline (Resident/FOLE)

**Lesson #:** 9      **Title:** Emerging Technologies

### Duration

**Classroom/On-line (Academic):** 180 min

**Student out of class assignments:** 0 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

X
X

Facilitated Lecture

Case Study

X

Team-Based Problem Solving

Mentored Project/Independent Study

### Supporting Aids/Media Employed

X
X

Presentation charts/slides

Readings/textbooks/handouts

X

Web-Based resources/tools

Video/DVD

### Equipment & Facilities Required

#### Computers

X

Instructor Only

Instructor Only with Projection Capability

One Per Student Pairs

One Per Student

X
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Printer Access Required

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Additional Instructor(s)

#### Work Group Requirements


Breakout Area

Easel w/ Paper and Pens

Computer

#### List Other Equipment Required

Internet Access

Shared Storage Drive

Computers must have CD Drive

Course ID: IRM 304  
Course Title: Advanced Information Systems Acquisition

Version: 1.1  
Date: 23 May 2013



# Plan of Instruction – Part 2

## Course Outline (Resident/FOLE)

**Lesson #:** 1-9      **Title:** Hot Topics Information Exchange

### Duration

**Classroom/On-line (Academic):** X min  
**Student out of class assignments:** 0 min

### Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

### Instructional Methods Employed

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Facilitated Lecture | <input checked="" type="checkbox"/> Team-Based Problem Solving |
| <input checked="" type="checkbox"/> Case Study          | <input type="checkbox"/> Mentored Project/Independent Study    |

### Supporting Aids/Media Employed

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Presentation charts/slides  | <input checked="" type="checkbox"/> Web-Based resources/tools |
| <input checked="" type="checkbox"/> Readings/textbooks/handouts | <input type="checkbox"/> Video/DVD                            |

### Equipment & Facilities Required

#### Computers

- Instructor Only
- Instructor Only with Projection Capability
- One Per Student Pairs
- One Per Student

Printer Access Required

Additional Instructor(s)

#### Work Group Requirements

- Breakout Area
- Easel w/ Paper and Pens
- Computer

#### List Other Equipment Required

Internet Access

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Shared Storage Drive

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Computers must have CD Drive

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## Plan of Instruction – Part 3 Needs Analysis

The determination and approval of competencies (the career field competency model) for a given acquisition career field are the responsibility of the assigned Functional Leader.

Through career field and workforce competency assessment processes supervised by the Functional Leader's supporting Functional Integrated Process Team (FIPT), the competencies and sub-competencies are vetted, approved and a determination is made as to which ones can and will be addressed by DAU through the development and delivery of supporting training courses and/or continuous learning modules. This course supports those competencies.

Additional documentation supporting the need for this course or documentation supporting the annual review of this course can be found on Blackboard at:

**Location** [/institution/Courses/Deployed/01\\_CurriculumDocumentation/Functional\\_Leader\\_Sign-Offs](#)

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Course ID: IRM 304  
Course Title: Advanced Information Systems Acquisition

Version: 1.1  
Date: 23 May 2013



## Plan of Instruction – Part 4 Course Student Assessment Plan

### 1. Assessment Strategy

X

### 2. Assessment Review and Update Plan

X

### 3. Individual Objectives Assessment Plan

See next page.

## Individual Objective Assessment Plan (IOAP) v1.3

**Course ID:** IRM 304  
**Course Title:** Advanced Information Systems Acquisition

**Version:** 1.3  
**Date:** 13-Dec-11

**CM Name:** Larry Baker (PLD)  
**ISD Name:** Debra Moore

<p><b>Levels of Cognitive Complexirty</b></p> <p><a href="#">1 Knowledge</a>  <a href="#">3 Application</a>  <a href="#">4 Analysis</a>  <a href="#">5 Synthesis/Evaluation</a></p> <p><b>Assessment Scoring Instrument(s)</b></p> <p>OS Objective score sheet/answer key          IO Instructor Observation Checklist          AR Assessment Rubric          PC Participation checklist          PA Peer assessment</p>	<p><b>Assessment Method(s)</b></p> <p>MC Multiple Choice          MA Matching          FI Fill-in/Short Answer          ES Essay          CS Case Study          CI Critical Incident          PE Practical Exercise          SI Simulation          RP Role Play</p>
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### Course Learning (Performance) Objectives

### Assessment Strategy

Lesson / Module #		<i>List each TLO/PLO followed by its enabling learning objectives on separate lines.</i>	<a href="#">Level of Cognitive Complexity</a>	Assessment Method(s)	Assessment (Scoring) Instrument(s)
1	TLO	Given IT acquisition scenarios, evaluate how Enterprise Architecture (EA) is used as a critical management tool so that program management and systems development decisions are defensible.	5	PE	IO/AR
	ELO #1	Explain how DoD enterprise architecture (GIG) uses federal, commercial, "open" standards, Net Ready-KPP, DoD Information Enterprise Architecture (IEA), and Net Centric Enterprise Services (NCES) to promote interoperability and help achieve information superiority.	5	PE	IO/AR
	ELO #2	Assess enterprise architecture (EA) and develop EA products (i.e., DoDAF) to ensure alignment with DoD EA strategic goals.	5	PE	IO/AR
	ELO #3	Recommend the applicable statues, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	PE	IO/AR
2	TLO	Given IT an acquisition scenario, assess the impact of the Capital Planning and Investment Control (CPIC) process on IT acquisitions and its relationship to the Planning, Programming and Budget Execution (PPBE) process so that IT investment decisions are defensible.	5	CS	IO/AR
	ELO #1	Evaluate the utility of OMB and DoD business case analyses and other assessment tools in support of the CPIC process.	5	CS	IO/AR
	ELO #2	Assess the role of portfolio management (Pfm) within the CPIC process (architecture, risk management, return on investment) to support achievement of critical business objectives.	5	CS	IO/AR
	ELO #3	Recommend the applicable statues, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	CS	IO/AR
3	TLO	Given current IT IA/Cybersecurity threats, explain how the risks can be mitigated via acquisition planning to ensure mission success.	5	PE	IO/AR

## Individual Objective Assessment Plan (IOAP) v1.3

Course ID: IRM 304

Version: 1.3

Course Title: Advanced Information Systems Acquisition

Date: 13-Dec-11

	ELO #1	Discuss the information assurance (IA), critical infrastructure protection, and continuity of operation requirements for mission assurance.	2	PE	IO/AR
	ELO #2	Assess the scope and seriousness of current and emerging information assurance threats to DoD systems.	5	PE	IO/AR
	ELO #3	Recommend the applicable statutes, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	PE	IO/AR
4	TLO	<b>Based on the information needs of an acquisition scenario, assess a program's ability to achieve the objectives of an IT system acquisition.</b>	5	CS	IO/AR
	ELO #1	Select appropriate performance measures based on information needs, e.g. requirements stability, earned value, quality assurance, testing results, etc. to assess progress of an IT acquisition.	5	CS	IO/AR
	ELO #2	Assess the information needs of successful IT project/program management.	5	CS	IO/AR
	ELO #3	Recommend the applicable statutes, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	CS	IO/AR
5	TLO	<b>Given an IT acquisition scenario, advocate current and emerging IT acquisition strategies and best practices to ensure mission success.</b>	5	CS	IO/AR
	ELO #1	Appraise information technology acquisition programmatic issues and risks.	5	CS	IO/AR
	ELO #2	Assess appropriate information technology acquisition strategies and best practices.	5	CS	IO/AR
	ELO #3	Recommend the applicable statutes, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	CS	IO/AR
6	TLO	<b>Given an IT acquisition scenario, evaluate solicitation and post award administration documentation for executability.</b>	5	PE	IO/AR
	ELO #1	Describe an approach for planning and executing a performance-based contract solicitation.	5	PE	IO/AR
	ELO #2	Assess Performance Work Statement (PWS) acquisition documentation for appropriate performance-based characteristics to meet contract objectives.			
	ELO #3	Evaluate a Quality Assurance Surveillance Plan (QASP) for its ability to appropriately measure contract performance.	5	PE	IO/AR
	ELO #4	Recommend the applicable statutes, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	PE	IO/AR
7	TLO	<b>Given an IT acquisition scenario, critique systems engineering methodologies and processes to determine if systems development and program management decisions are executable.</b>	5	CS	IO/AR
	ELO #1	Assess the utility of system engineering technical processes and technical management processes as applied to an information systems acquisition.	5	CS	IO/AR
	ELO #2	Evaluate the relationship between systems engineering products and DoDAF architecture products.	5	CS	IO/AR
	ELO #3	Recommend the applicable statutes, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	CS	IO/AR
8	TLO	<b>Given IT acquisition scenarios, evaluate the verification and validation (V&amp;V) and the testing and evaluation (T&amp;E) processes that ensure the system meets mission requirements.</b>	5	PE	IO/AR
	ELO #1	Examine the role of modeling and simulation during the acquisition lifecycle.	4	PE	IO/AR
	ELO #2	Evaluate the applicability of unique types of testing conducted for an IT system.	5	PE	IO/AR
	ELO #3	Recommend the applicable statutes, policies, regulations, guidance, and best practices for incorporation into an IT acquisition.	5	PE	IO/AR
9	TLO	<b>Given the current technological environment, assess recommendations for insertion of new information technology, considering program risk, cost, and schedule to avoid system obsolescence.</b>	5	PE/CS	IO/AR
	ELO #1	Assess the applicability, maturity, risk and likely degree of acceptance of current technologies.	5	PE/CS	IO/AR
	ELO #2	Examine the evolutionary cycle for new technologies and the current marketplace, focusing on those most likely to have an impact on DoD IT acquisition.	4	PE/CS	IO/AR
	ELO #3	Recommend best practices for incorporation into an IT acquisition.	5	PE/CS	IO/AR

# Time Tracker - Resident Course v1.2

*For use with DAU resident and FOLE courses only*

**Course ID:** IRM 304  
**Course Title:** Advanced Information Systems Acquisition

**Version:** 1  
**Date:** 04/15/99  
 (MM/DD/YY)

**Course Manager:** Dr. Katherine Ma  
**ISD:** Debra Moore

**CEUs:** 4.3  
**CLPs:** 43

**IACET Action Officer:**  
**Review and Approval** \_\_\_\_\_

## Course Requirements Completion Time

*(Enter the total number of minutes it took to complete the lesson in the column under labeled "lesson time")*

#	Lesson / Module / Exam Name	Time	Student Activity Time (from Time Tracker - Activities)																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Enterprise Architecture	180																		
2	CPIC and PfM	210																		
3	Information Assurance	210																		
4	Project/Program Mgmt	240																		
5	Acquisition Strategies	210																		
6	Acq P, S, & A of product & services	210																		
7	Information Systems Engineering	240																		
8	System T&E and Software V&V	210																		
9	Emerging Technologies	180																		
10	Course Introduction & Content Overview	30																		
11																				
12	Industry Speakers (LSN 6)	120																		
13	Hot Topics Info Exchange (LSN 1-9)	60																		
14																				
15																				
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26																				
<b>Total Times</b>		2100	430	465	540	445	465	540	480	485	480	440	475	535	480	470				

**Average Completion Time Student Activities (minutes):** 481      **Total Contact Minutes:** 2581

## Time Tracker - Activities v1.2

For use with DAU resident and FOLE courses only

Course ID: IRM 304  
 Course Title: Advanced Information Systems Acquisition

Version: 1  
 Date: 4/15/99

		Student Learning Activity Completion Time by Student #																		
		(Enter the total number of <i>minutes</i> it took the student to complete the activity)																		
#	Activity Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Activity Average
1	Acq Strategies Pre-Course Work	50	60	75	45	50	70	65	75	60	50	55	75	60	55					60
2	Technology Pre-Course Work	55	55	75	45	60	70	55	60	60	60	50	70	60	60					60
3	CPIC Pre-Course Work	50	60	75	45	60	65	65	75	60	50	60	70	60	50					60
4	LSN 3: IA HW	60	60	60	65	50	65	70	55	60	55	60	65	60	60					60
5	LSN 4: P/PM HW	50	50	75	60	55	70	50	50	60	60	70	65	60	65					60
6	LSN 6: Acq P, S, & A HW	60	55	60	55	60	75	60	55	60	55	65	55	60	65					60
7	LSN 7: Info SE HW	55	65	60	65	65	65	60	60	60	50	55	65	60	55					60
8	LSN 8: T&E and V&V HW	50	60	60	65	65	60	55	55	60	60	60	70	60	60					60
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32																				
<b>Total Time by Student</b>		430	465	540	445	465	540	480	485	480	440	475	535	480	470					481