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M-CPL,  
ACE MILITARY GUIDE (AMG)  
AND  
THE JOINT SERVICES TRANSCRIPT (JST)

CPSI Lunch & Learn Educational Series

Presentation

August 14, 2024

Dr. Dallas Kratzer

# WHAT IS CREDIT FOR PRIOR LEARNING (CPL) AND HOW DOES PRIOR LEARNING ASSESSMENT (PLA) WORK INTO IT?

THE BIG PICTURE



A word cloud of terms related to credit for prior learning, including: training, examinations, portfolio, DSST, CLEP, demonstrations, military, volunteering, workforce, and interviews. The words are arranged in a cluster, with 'examinations' and 'interviews' in red, 'portfolio' in yellow, and others in green and dark green.

# OBJECTIVES FOR TODAY

- Challenges and Opportunities related to M-CPL
- JST Overview
- ACE Military Guide Overview
  - ACE Exhibits
  - ACE Institutions website

# CHALLENGES AND OPPORTUNITIES

- Understanding veteran-centric work-related credit recommendations
- Higher Ed language
- Transferability of Learning

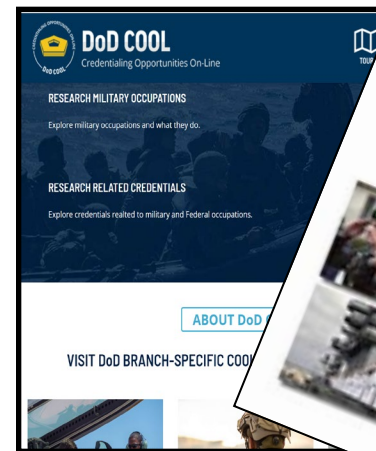
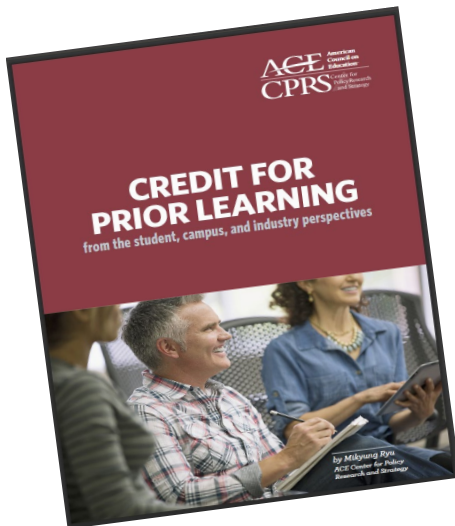


- Documented training and skills
- New student opportunities
- Support organizations



# EDUCATION AND TRAINING

- Vocational
- GI Bill
- Transferability of Skills



- 92% of schools using some type of CPL
- 77% accept military training, only 53% military workplace learning

5

<https://www.cael.org/fueling-the-race-to-postsecondary-success-executive-summary>



<https://www.acenet.edu/news-room/Pages/ACE-Research-Brief-Explores-Credit-for-Prior-Learning-Practices.aspx>

# JOINT SERVICES TRANSCRIPTS (JST) AND THE ACE MILITARY GUIDE (AMG)

Page 1 of 7

SOLDIER, I AM

## JOINT SERVICES TRANSCRIPT

\*\*UNOFFICIAL\*\*

Transcript Sent To:  
SOLDIER, I AM

Name: SOLDIER, I AM  
SSN: XXX-XX-XXXX  
Rank: First Sergeant (E5)  
Status: Active

Military Course ID	ACE Identifier Course Title Location-Description-Credit Area	Military Courses Date Taken	ACE Credit Recommendation	Level
750-BT	AR-2201-0399 V0 <b>Basic Combat Training:</b> Upon completion of the course, the recruit will be able to demonstrate general knowledge of military organization and culture, mastery of individual and group combat skills including marksmanship and first aid, achievement of minimal physical conditioning standards, and application of basic safety and living skills in an outdoor environment.	23-SEP-1990	1 SH 1 SH 1 SH 1 SH	L L L L
7-12-C20-42A	AR-1408-0200 V01 <b>Adjutant General Officer Basic:</b> Center for Information Dominance Fort Meade, MD Upon completion of the course, the student will be able to write memos, letters, and reports; supervise personnel	13-SEP-1993 to 16-DEC-1993		

Welcome to the  
**ACE Military Guide!**

Search

Show Advanced options

Upload JST

Please see Faculty Evaluators - Home Page for more information.

ACE Military Guide FAQ



Terms of Use, Terms of Service, Internet access

# ACE RECOMMENDATION AS A LEVERAGING POINT

- Personnel system tracks
  - Joint Service Transcript (JST)
- Awarded on
  - completion of training or
  - assignment to a position - MOS
- Divided into three parts
  - Military Courses
  - Military Experience
  - Other Learning Experiences
    - Note: There is a 4<sup>th</sup> category for CLEPS
    - Navy has additional info

SOLDIER, I AM Page 1 of 7

**JOINT SERVICES  
TRANSCRIPT**

\*\*UNOFFICIAL\*\*

Name: SOLDIER, I AM  
SSN: XXX-XX-XXXX  
Rank: First Sergeant (E8)  
Status: Active

Transcript Sent To:  
SOLDIER, I AM

Military Courses				
Military Course ID	ACE Identifier Course Title Location-Description-Credit Areas	Dates Taken	ACE Credit Recommendation	Level
750-BT	AR-2201-0399 V0 Basic Combat Training: Upon completion of the course, the recruit will be able to demonstrate general knowledge of military organization and culture, mastery of individual and group combat skills including marksmanship and first aid, achievement of minimal physical conditioning standards, and application of basic safety and living skills in an outdoor environment.	23-SEP-1990		
	• First Aid		1 SH	L
	• Marksmanship		1 SH	L
	• Outdoor Skills Practicum		1 SH	L
	• Personal Physical Conditioning (10:00)(10:00)		1 SH	L
7-12-C20-42A	AR-1408-0200 V01 Adjutant General Officer Basic: Center for Information Dominance Fort Meade, MD Upon completion of the course, the student will be able to write memos, letters, and reports; supervise personnel	13-SEP-1993 to 16-DEC-1993		

# PART I: MILITARY COURSES

- Career field training
  - Initial (10 – Level)  
(AF is 3-Level,
  - Advanced (30 – 60 Level)
- Specialized training
  - Leadership
  - Professional development
  - Special duties

JONESLOCKER, DAVY TEST

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## JOINT SERVICES TRANSCRIPT



\*\*UNOFFICIAL\*\*

**Name:** JONESLOCKER, DAVY TEST  
**SSN:** XXX-XX-XXXX  
**Rank:** Chief Intelligence Specialist (E7)  
**Status:** Active

**Transcript Sent To:**  
 JONESLOCKER, DAVY TEST

### Military Courses

Military Course ID	ACE Identifier Course Title Location-Description-Credit Areas	Dates Taken	ACE Credit Recommendation	Level
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X-777-7770	<b>NV-2202-0014 V01</b> <b>Basic Military Training:</b> To assimilate recruits into the Navy way of life and to prepare them for further advanced training in specialized Navy occupations.	28-JUL-1987 to 27-SEP-1987		
	<ul style="list-style-type: none"> <li>• First Aid And Safety</li> <li>• Personal Fitness/Conditioning</li> <li>• Personal/Community Health (10/79)(10/79)</li> </ul>		2 SH 1 SH 1 SH	L L L
A-060-0011	<b>NV-2202-0148 V01</b> <b>Basic Enlisted Submarine:</b> Submarine School, New London Groton, CT Upon completion of the course, the student will be able to describe the function of components of shipboard mechanical systems.	03-OCT-2005 to 18-NOV-2005		
	<ul style="list-style-type: none"> <li>• General Mechanical Systems (10/89)(1/98)</li> </ul>		3 SH	V
A-100-0316	<b>NV-1715-2173 V01</b> <b>Electronics Core Apprentice Technical Training:</b> Naval Submarine School Groton, CT Upon completion of the course, the student will be able to address basic electronic technical areas to include direct	05-DEC-2005 to 19-JAN-2006		

\*\* PROTECTED BY FERPA \*\*

03/18/2019



## Military Experience

Occupation ID	ACE Identifier Title Description-Credit Areas	Dates Held	ACE Credit Recommendation	Level
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42A40 MOS-42A-001 01-JAN-2011

### Human Resources Specialist:

Participates in occupational classification and management of human resources; supervises activities including maintaining personnel records and processing personnel actions for service members and their families. Prepares reports on staffing levels and status of personnel; evaluates personnel qualifications for special assignments; prepares and processes requests for transfer or reassignment; processes classification/reclassification actions; prepares orders and requests for orders; prepares and maintains officer and enlisted personnel records; prepares and reviews personnel casualty documents; monitors suspense actions; initiates, monitors, and processes personnel evaluations; transfers records; processes soldiers for separation and retirement; processes and executes personnel service center level procedures and actions; processes applications for officer candidate school, warrant officer flight training, and other training; processes recommendations for awards and decorations; processes bars to reenlistment and suspension of favorable personnel actions; initiates applications for passports and visas; monitors appointment of line of duty, survivor assistance, and summary court officers; processes line of duty investigations; processes deployment forms; prepares letters of sympathy to next of kin; types correspondence and forms in draft and final copy; posts changes to Army regulations and other publications; prepares and maintains files on an automated data processing system; applies knowledge of provisions and limitations of Freedom of Information and Privacy acts. Provides technical guidance and training to subordinates. Supervises specific personnel functions in a small human resource office, battalion, and human resource services support to higher headquarters; reviews and prepares reports and data on staffing levels of personnel and makes duty assignments of enlisted personnel; reviews cyclic and other reports to assess systems performance; maintains liaison with servicing data processing facility and field managers of interfaced systems. Supervises quality assurance procedures; advises commander, adjutant, and other staff members on human resource administration activities.

• Business Communications	3 SH	L
• Office Administration	7 SH	L
• Word Processing or Computer Applications	3 SH	L
• Field Experience In Management	3 SH	U
• Human Resources Management	3 SH	U
• Management	3 SH	U

(9/04)(9/04)

MOS-35L10 NONE ASSIGNED 21-JUL-2014

Primary Counter Intelligence Agent:

# PART II: MILITARY EXPERIENCE

- Workplace learning
  - Based on career advancement
  - Connected to assigned duty
- Experiential in nature
  - On-the-job training
  - Portfolio-centric

# PART III: COLLEGE LEVEL TEST

- College Level Tests
  - CLEP/DSST
  - Defense Language
  - Excelsior
  - StraighterLine

JONESLOCKER, DAVY TEST

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## College Level Test Scores

### Excelsior College Examinations (ECE) formerly ACT PEP Regents College Examinations

Date Taken	Title	Recmd Credit	Level	Required by ACE	Student's Score
09-FEB-2011	World Conflict	3	U	C	A

### College Level Examination Program (CLEP) & DANTES Subject Standardized Tests (DSST)

Date Taken	Title	Recmd Hrs	Required by ACE	Student's Score	Sub Score1	Sub Score2	Verbal Score
09-FEB-2011	Technical Writing	3	46	55			
09-FEB-2011	College Level Spanish Language	6 or 12	50	62			

### Defense Language Proficiency Test (DLPT)

Date Taken	Title	Student Score	ACE Recommended Listening	Reading	Credit Speaking
01-SEP-2010	Spanish	3	4L&6U		
15-SEP-2010	Spanish	3+			4L&7U
01-SEP-2012	Spanish	2+			

Exams taken after 31 October 2011 may have recommended college credit via the ACE National Guide.  
Go to <http://www2.acenet.edu/credit/?fuseaction=browse.getOrganizationDetail&FICE=190163> and look for your exam.

Other Learning Experiences

### Other Learning Experiences

This section provides a record of the service member's learning experiences that do not have credit recommended for one or more of the following reasons:

- (1) Course has not been evaluated by ACE.
- (2) Class attendance dates were not recorded in the service member's record.
- (3) Course was not completed during the ACE evaluation period.
- (4) Course was not evaluated by ACE at this specific location.

Course ID	Date Taken	Title	Location	Reason
P-5G-1303	06-MAY-1994	Professional Development Off-Site Training Course	Officers Training Center, NETC Newport RI	1
2F-SI5K/SQI8/202-SQIH AR-1406-0175	20-AUG-1996	Staff and Faculty Development Training	Naval Construction Training Center Gulfport Training Unit Fort Leonard Wood MO	3
T9H K-6A-3216	22-MAY-1998	Landing Force Medical Staff Planning	Landing Force Training Command PAC NAB Coronado, CA	1
SGITC	16-NOV-1998	Small Group Instructor Training Course	Defense Equal Opportunity Management Institute Patrick AFB FL	1
7C-42H/500-F32 AR-1408-0358	23-AUG-2002	Human Resource Management Qualification	No Location Given	3
720-OPME-4 AR-2201-0543	15-JUN-2006	Intermediate Level Education	Western Hemisphere Institute for Security Cooperation (WHINSEC) Ft Benning GA	3
ORTC-400	27-JUL-2007	Leadership Development Course	Camp Robinson Camp Robinson AR	1

END OF TRANSCRIPT

## PART IV: OTHER LEARNING EXPERIENCES

- Recurring non-college level learning
  - Low-level/recurring training
- Expired ACE evals
  - On-the-job training
  - Portfolio-centric

# ACE MILITARY GUIDE (AMG) DEEP DIVE

## www.acenet.edu/militaryguide

The image displays two views of the ACE Military Guide website. The top view shows the 'About the ACE Military Guide' page, which includes a navigation menu with 'PROGRAMS & SERVICES', 'RESEARCH & INSIGHTS', 'POLICY & ADVOCACY', and 'MEMBERSHIP & AI'. Below the navigation, there are three tabs: 'About the ACE Military Guide', 'What's Your Role?', and 'Learn More'. The main content area features the title 'THE ACE MILITARY GUIDE' and a sub-section 'About the ACE Military Guide'. The text explains that the guide supports academic institutions in awarding college credit to military-connected learners based on their military training and occupations. It also mentions that through a Department of Defense (DoD) contract for the U.S. Armed Services, ACE is the sole source of information for courses and occupations evaluated for the military. The guide is a trusted technology platform containing courses and occupations evaluated from 1954 to present. The Military Guide includes:

- A public Joint Services Transcript (JST) upload feature for service members and veterans
- A streamlined format for course and occupation summaries
- Detailed information for all military courses and occupations evaluated by ACE
- Multiple ways to search for courses and occupations—by service, date, ACE ID or military course number, and course or occupation title
- Evaluations conducted by college and university faculty members who are actively teaching in the areas they review

ACE also evaluates courses offered by military-affiliated or defense institutions, government agencies, and joint DoD programs. These evaluations are **National Guide**, rather than the Military Guide. If you are seeking information about an evaluated course that does not appear in the Military Guide Organizations page of the ACE National Guide.

The bottom view shows the 'Welcome to the ACE Military Guide!' landing page. It features a search bar with a magnifying glass icon and a question mark icon. Below the search bar, there is a link for 'Show Advanced options' and a button for 'Upload JST'. The page is decorated with illustrations of people working at computers and a bar chart. At the bottom, there are links for 'Please see Faculty Evaluators Home Page for more information.', 'ACE Military Guide FAQ', 'Terms of Use, Terms of Service', and 'Internet access policies'.

# AMG - SEARCH FUNCTION

## OCCUPATIONAL EXAMPLE

### GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

#### Search

?

Any   Current Exhibits Only

[Hide Advanced Options](#)

#### Matching Exhibits

Exhibit Type	Title	Start Date	End Date	ACE ID	Actions
Occupation	Combat Medic Specialist	1/20	Pres	MOS-68W-002	
Course	Health Care ALC	3/16	Pres	AR-0703-0042	
Course	Brigade Combat Team Trauma Training	8/22	Pres	AR-0703-0058	
Course	Expeditionary Combat Medic	2/16	Pres	AR-0703-0059	
Course	Comprehensive Medical Training	8/18	Pres	AR-0707-0043	

Showing 1 to 5 of 10 << < 1 2 > >>

#### Occupation Exhibit

#### Combat Medic Specialist

ACE ID: MOS-68W-002 EXHIBIT DATES: 1/20 - Pres TEAM REVIEW DATE: 1/20 SKILL LEVEL: All

#### Credit Recommendations

Skill Level 30

*In the lower-division baccalaureate/associate degree category*

- 3.00 hour(s) in [communication](#)
- 3.00 hour(s) in [supervision](#)

#### Description

Summary

The Combat Medic Specialist provides emergency medical treatment, limited primary care, force health protection, evacuation in a variety of operational and clinical settings from point of injury or illness, through the continuum of military health care and, as a field combat medic, provides emergency medical care and treatment at the point of wounding on the battlefield or to the battle and non-battle casualties during

# AMG - OCCUPATIONAL EXAMPLE

## LEARNING OUTCOMES

### Combat Medic Specialist

ACE ID: MOS-68W-002 EXHIBIT DATES: 1/20 - Pres TEAM REVIEW DATE: 1/20 SKILL LEVEL: All

#### Credit Recommendations

Skill Level 30

In the lower-division baccalaureate/associate degree category

- 3.00 hour(s) in **communication**
- 3.00 hour(s) in
- 3.00 hour(s) in
- 1.00 hour(s) in
- 3.00 hour(s) in
- 3.00 hour(s) in
- 8.00 hour(s) in

In the upper-division

- 3.00 hour(s) in

Skill Level 40

In the lower-division

- 3.00 hour(s) in
- 3.00 hour(s) in
- 3.00 hour(s) in
- 1.00 hour(s) in **tactical combat casualty care**
- 3.00 hour(s) in **healthy lifestyles**
- 3.00 hour(s) in **resource management**
- 8.00 hour(s) in **critical care emergency medical transport program**

In the upper-division baccalaureate degree category

- 3.00 hour(s) in **education methodology**
- 3.00 hour(s) in **coaching and talent management**

#### Description

Summary

The Combat Medic Specialist provides emergency medical treatment, limited primary care, force health protection, evacuation in a variety of operational and clinical settings from point of injury or illness, through the continuum of military health care and, as a field combat medic, provides emergency medical care and treatment at the point of wounding on the battlefield or to the battle and non-battle casualties during wartime.

#### Learning Outcomes

The student will be able to:

- Apply appropriate writing conventions, such as grammar, usage, mechanics, capitalization, punctuation, and spelling
- Compose oral and written communications that respond to positive and negative discussions
- Create oral and written communications to accommodate specific audiences and purposes
- Develop effective interpersonal communication skills
- Read, analyze, and write about content from various work environment communications
- Utilize communication technologies, such as email and Microsoft Office products, appropriately and effectively
- And identify how verbal and non-verbal cues influence communication.



# AMG – CLASSROOM TRAINING EXAMPLE

## LEARNING OUTCOMES

68w

Any Military Branch  Current Exhibits Only

Credit Recommendations Reviewed After Exhibit Date From

Search

[Hide Advanced Options](#)

Exhibit Type	Title	Start Date	End Date	ACE ID	Actions
Course	Combat Medic Specialist	4/16	Pres	AR-0709-0065	
Course	Health Care Specialist (MOS-T)	11/20	Pres	AR-0709-0067	
Course	Health Care Specialist (MOS-T)	11/20	Pres	AR-0709-0070	
Course	Health Care Specialist ALC	9/19	Pres	AR-0709-0076	
Course	Health Care Specialist (MOS-T)	11/20	Pres	AR-0709-0106	

Showing 6 to 10 of 10

### Course Exhibit



#### Combat Medic Specialist

**ACE ID:** AR-0709-0065 **COURSE NUMBER:** 300-68W10 **VERSION NUMBER:** 5 **EXHIBIT DATES:** 4/16 - Pres **TEAM REVIEW DATE:** 5/17 **MINIMUM PASSING SCORE:** 70 **LENGTH:** 16 weeks (621 hours)

**LOCATION:** Medical Department Center and School, Fort Sam Houston, TX **ALTERNATE TITLE(S):** Health Care Specialist

#### Credit Recommendations

*In the lower-division baccalaureate/associate degree category*

- 4 hour(s) in [foundations of emergency medical technician](#)
- 3 hour(s) in [medical emergencies](#)
- 2 hour(s) in [basic trauma for the EMT](#)
- 3 hour(s) in [EMT special populations, operations and basic skills preparation](#)
- 1 hour(s) in [CPR for the healthcare provider](#)
- 4 hour(s) in [advanced pre-hospital trauma](#)
- 4 hour(s) in [advanced EMS operations](#)
- 4 hour(s) in [emergency preparedness](#)



#### Learning Outcomes



Learning Outcomes have been copied to the clipboard.

The student will be able to:

- Utilize medical terminology
- Describe anatomy and pathophysiology
- And advocate to the well-being of the EMT.
- Describe life span development
- Perform general pharmacology
- Perform primary and secondary patient assessment
- Recognize medical emergencies
- Roles and responsibilities of the EMT
- Understand medical, legal and ethical issues related to EMT
- Utilize effective verbal communication

# EXAMPLES OF RECOMMENDATIONS AND APPLICATIONS

## Infantryman Advanced Leader (ALC):

MOS 11B30 – 5 weeks

- 3 hrs Communication
- 3 hrs in Supervision
- 3 hrs in Management

### GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

#### Course Exhibit

##### Infantryman Advanced Leader (ALC)

ACE ID: AR-2201-0439 COURSE NUMBER: 010-11B30-C45 VERSION NUMBER: 8 EXHIBIT DATES: 10/16 - Pres TEAM REVIEW DATE: 3/18 MINIMUM PASSING SCORE: 70

LENGTH: 236 hours (5 weeks) LOCATION: NCO Academy, Fort Benning, GA

##### Credit Recommendations

*In the lower-division baccalaureate/associate degree category*

- 3 hour(s) in communication
- 3 hour(s) in supervision
- 3 hour(s) in management
- 1 hour(s) in orientteering

##### Instructional Strategies

Methods of instruction include

- Learner Presentations
- Lecture
- Practical Exercises

##### Course Description

This course provides students with the competency and skills to supervise and evaluate subordinates; motivate teams; and apply problem solving and decision-making techniques. This course also provides mentoring, and training on employing effective communication and management skills.

##### Methods of Assessment

Methods of assessment include

- Rubrics
- Multiple Choice Exams
- Performance Tests
- Papers
- Presentations

##### Learning Outcomes / Related Competencies

- **communication**  
Demonstrate proficiency in written communications, Explain active listening, Identify and explain cultural differences, Illustrate the importance of feedback, Summarize counseling and mentoring techniques, And prepare and deliver presentations.
- **supervision**  
And demonstrate problem solving and decision-making techniques., Demonstrate motivational techniques, Use effective supervisory skills, Employ team building skills, Appraise subordinate performance, Identify time management practices
- **management**  
Apply basic functions of management (planning, organizing, directing, coordinating, and controlling), Apply performance management concepts, Identify problem solving techniques, Identify steps in the decision-making process, And identify risk management issues.
- **orientteering**  
Compute back azimuths, Convert azimuths, Describe the grid coordinates of a point on a map, Determine the elevation of a point on the ground using a map, Identify topographic symbols on a map, Measure distance on a map, Orient a map using a compass, Show terrain features on a map, And demonstrate land navigation.



# EXAMPLES OF RECOMMENDATIONS AND APPLICATIONS

## Info Tech Specialist:

MOS 25B10 – AIT 16 weeks

(Advanced Individualized Training - AIT)

- 11 hrs in IT related fundamentals
- 6 hrs Windows/Exchange Servers
- 3 hrs in Net Security
- 15 hrs of potentially transferable credit in IT

GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

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Course Exhibit

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**Information Technology Specialist**

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**ACE ID:** AR-1402-0168 **COURSE NUMBER:** 531-25B10 (CP) **VERSION NUMBER:** 9 **EXHIBIT DATES:** 8/18 - Pres **TEAM REVIEW DATE:** 6/19 **MINIMUM PASSING SCORE:** 70

**LENGTH:** 744 hours (19 weeks) **LOCATION:** Signal School, Fort Gordon, GA

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**Credit Recommendations**

*In the lower-division baccalaureate/associate degree category*

- 3 hour(s) in [computer hardware](#)
- 3 hour(s) in [network fundamentals](#)
- 4 hour(s) in [routing fundamentals](#)
- 4 hour(s) in [switching fundamentals](#)
- 3 hour(s) in [wide area networks](#)
- 3 hour(s) in [exchange server](#)
- 3 hour(s) in [client operating systems](#)
- 3 hour(s) in [Windows server](#)
- 3 hour(s) in [network security](#)
- 3 hour(s) in [help desk troubleshooting and problem solving](#)
- 3 hour(s) in [information technology essentials](#)

**Instructional Strategies**

Methods of instruction include

- AV Material
- Classroom Exercises
- Computer-Based
- Discussion
- Lecture

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**Course Description**

This course provides students with the skills and knowledge to design and implement a converse network; project the lifecycle in the field of computer engineering; design, develop, and evaluate the use and security of computer systems, services, applications, operating systems, and the information they manage; design and develop centralized or distributed computing systems or architectures, integrating hardware, software, and networks; design and evaluate security in computer systems; and analyze and design solutions in the field of microprocessor architecture.

**Methods of Assessment**

Methods of assessment include

- Rubrics
- Multiple Choice Exams
- Performance Tests

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**Learning Outcomes / Related Competencies**

- **computer hardware**  
Compare and contrast print technologies, Describe the basic functions of personal computer hardware, Install and configure peripheral devices, And troubleshoot common hardware problems.
- **network fundamentals**  
Describe network functions and their relation to the Department of Defense and Open Systems Interconnection (OSI) network protocol models, Design IP addressing schemes for IPv4 and IPv6, Explain the purpose and function of basic network devices, Understand and explain network technologies, And explain network topologies and media.
- **routing fundamentals**  
Configure routers, interfaces, and CISCO Internetwork Operating System (IOS), Configure static and dynamic routing, Define and contrast distant vector and link-state routing protocols, Explain the proper function and application of routing protocols, such as routing information protocol (RIP), open shortest path first (OSPF), and enhanced interior gateway protocol (EIGRP), Implement routing protocols using IPv4 and IPv6, And troubleshoot network connectivity and routing.
- **switching fundamentals**  
Compare and contrast layer 2 and layer 3 switching functions, Configure basic switching, virtual local area networks (VLANs), and spanning tree protocols (STPs), Explain network-based switching concepts, Implement inter-VLAN routing, And implement network services, such as STP, dynamic host configuration protocol (DHCP), and hot standby router protocol (HSRP).
- **wide area networks**  
Configure point-to-point interfaces and protocols, Explain virtual private networks (VPNs) and tunneling protocols for remote access, Explain wide area network (WAN) access technologies, Troubleshoot end-to-end connectivity, And explain the purpose and characteristics of quality of service (QoS).
- **exchange server**  
Configure and deploy mail servers and services, Define and plan mail server roles in an inter-networked environment, Explain the function of an email service, Implement client access, high availability, and system restore procedures, Implement security and preventive maintenance, And design and implement disaster recovery procedures.
- **client operating systems**  
Plan, prepare, and install a client operating system (OS), And understand and configure disks, partitions, and file systems., Describe the features and versions of client operating systems, Explain and set up local users and groups, Install and configure networking features and file sharing, Join a domain and utilize active directory services
- **Windows server**  
Compare and contrast server versions and methods of installation, Implement active directory policies and security templates, Install and set up a Windows server and active directory, And enable network services, such as domain name system (DNS), dynamic host configuration protocol (DHCP), Windows Internet name service (WINS), and transmission control protocol/Internet

# BECOME PART OF THE ACE TEAM

## WHAT ACADEMIC DISCIPLINES ARE NEEDED?

### Snapshot of ACE Subject Areas Recommended

Aeronautics and Aviation
Athletic Training
Aviation
Aviation Management
Aviation Mechanics
Aviation/Organizational Management
Avionics Maintenance
Biology
Biomedical Sciences
Business
Business Administration
Computer Administration
Computer and Information Systems
Computer Electronics
Computer Networking
Computer science
Computer Systems
Construction Management
Corrections
Criminal Justice
Cyber Security
Dental Assistant
Dental Assisting

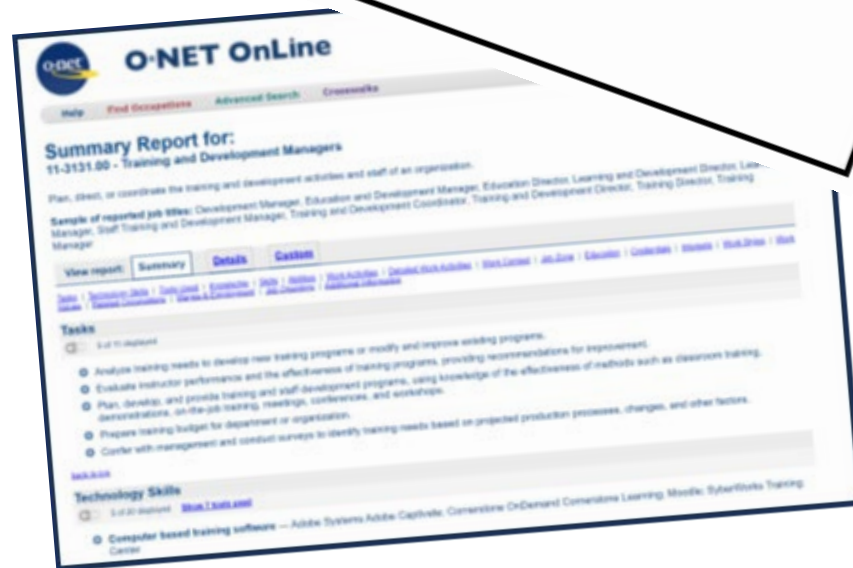
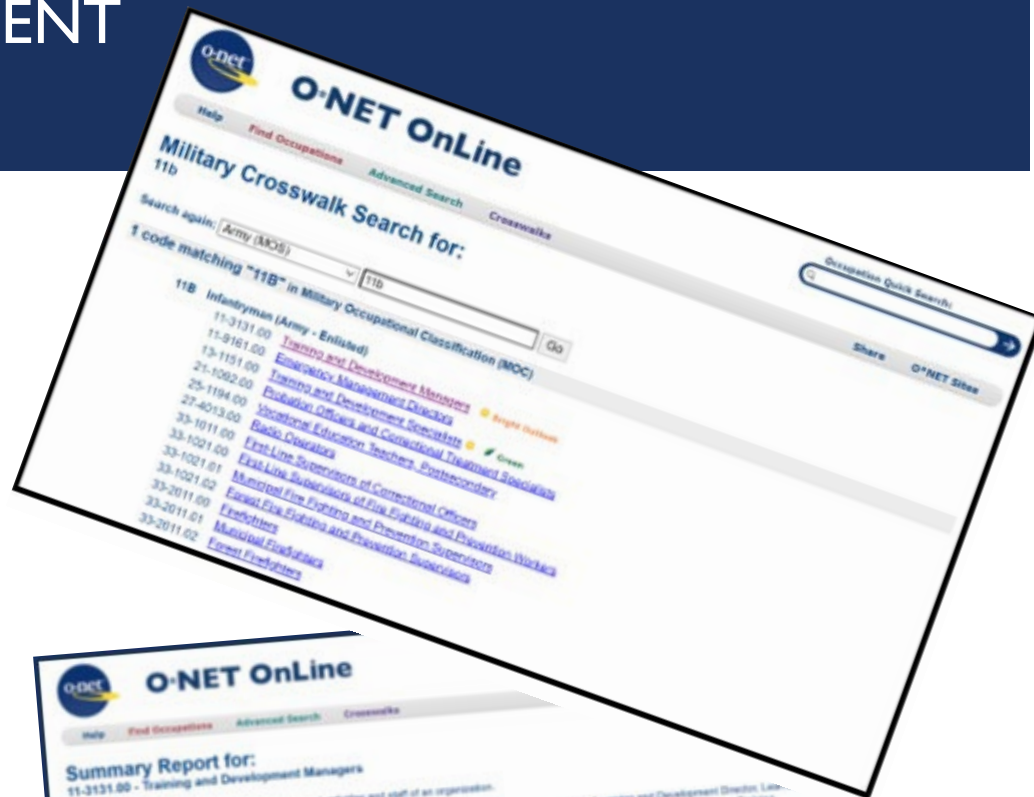
Electrical and Telecommunications
Electromechanical Technology
Electronics
Engineering
Finance, Business
Geospatial Intelligence
Health Information/Medical Records
Health Science
Health Services
Hospitality Administration
Human Resources Management
Information Technology
Intelligence
Intelligence/Cyber Forensics
Law Enforcement
Leadership
Logistics
Logistics/Supply Chain
Management
Marine Biology
Marine Science
Marine Transportation
Marine Transportation
Mechanical Engineering

Meeting Planning
Mortuary Science
Munitions / Ordnance
Munitions/Ordnance
Nursing
Occupational Safety
Organizational Leadership
Paramedic
Petroleum Engineering
Petroleum Geochemistry
Pharmacology
Physical Education
Physician Assistance
Physician Assistant
Project Management
Public Relations/Communications
Radiology
Religious Studies
Scientific Diving
Sociology
Sonology
Surgical Technology

# RELATED TO EMPLOYMENT

## JST and ONet

- Linkage to civilian employment
- Addresses skills in civilian language
- Expands scope of employment opportunities



# ADDITIONAL LEARNING OPPORTUNITIES

## Case Studies

### Angel – Edgar - Maria

- Exercises for Registrar and staff
- Personas, JST, and AMG
- Degree Plan Connected
- Designed to assist faculty

#### Military Impact on Future Education

Maria was active-duty Navy for four years and served in the human intelligence career field. She completed the initial human intelligence training and numerous leadership programs. During her time in the military she joined a group called Toastmasters International which helped her to improve her public speaking abilities and presentation skills. Since leaving active duty, Maria decided to start college and began at Nevada State to pursue a Business Management degree, she has been in the program for a year and just realized she hadn't sent her JST in for evaluation.



#### Goals and Aspirations

Maria would like to start her own business or maybe get into real estate (she is working part-time as an administrative assistant with a realtor near her home). Wants to be a good example to her family and friends

#### Academic Profile

- Parents are college graduates
- Military workplace learning (Joint Service Transcript – JST)
- Attending NS full-time and working
- Using the GI-Bill to pay for college

The image shows a screenshot of the ACE Military Guide website. The website has a blue header with the ACE logo and 'Military Guide' text. Below the header is a search bar and a 'Welcome to the ACE Military Guide!' message. There is a search bar with a magnifying glass icon and a 'Show Advanced options' link. A blue button labeled 'Upload JST' is visible. The background features illustrations of people working at computers and a bar chart. In the foreground, two documents are overlaid. The left document is a 'JOINT SERVICES TRANSCRIPT' for Maria Edgar, showing her military service details and a table of courses. The right document is a 'University of Anywhere BUSINESS, B.S.B.A.' degree plan, listing various business courses and their credit values, with a total of 120 credits for the degree.

# ADDITIONAL LEARNING OPPORTUNITIES: THE TOOL: INSTITUTIONS PROGRAM

## ACE Data Mgt Tool

- Sharing across institutions
- Import/Export Functions
- Immediate access

The screenshot shows the ACE Military Guide web application. The top navigation bar includes the ACE logo, 'Military Guide', and links for 'Feedback' and 'Login'. The main content area features a welcome message, a search bar, and an 'Upload JST' button. Below this is a table with columns for 'Award Drafting', 'Under Initial Review', 'Review Complete', 'Under Final Approval', 'Officially Approved', and 'Done & Credits Awarded'. The table contains several rows of JST entries with details like ID, branch, and date. A 'Create Equivalencies' button is visible in the top right of the table area.

Award Drafting	Under Initial Review	Review Complete	Under Final Approval	Officially Approved	Done & Credits Awarded
<p>JST 7386d34c-a13a-45aa-bd3b-... Army 10/6/23, 8:42 AM</p>					
<p>JST 3d77702c-7f60-4aeb-85e0-... Army 4/18/23, 3:16 PM</p>					
<p>JST 1489431a-30b0-48c0-8542-... Army 4/18/23, 3:15 PM</p>					
					<p>JST 48010a43-9228-4246-9f38-... Marine Corps Gunnery Ser... 10/6/23, 8:41 AM</p>



# ADDITIONAL LEARNING OPPORTUNITIES: THE TOOL: INSTITUTIONS PROGRAM

ACE as an info tool:

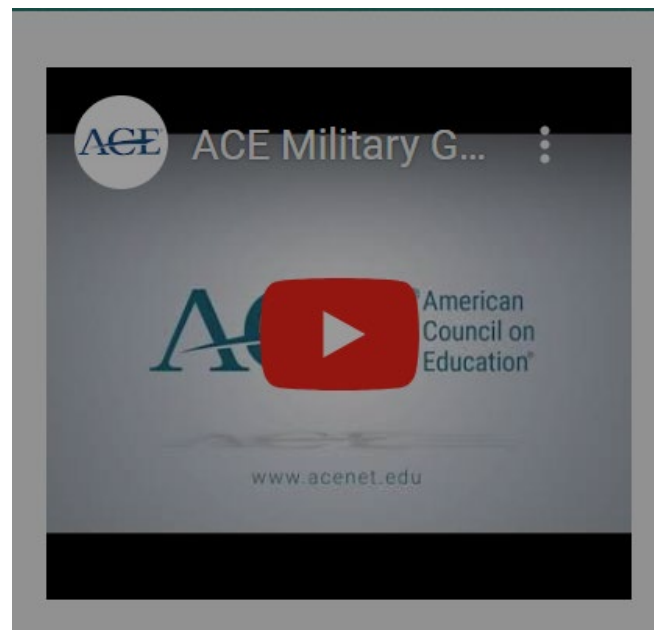
- Sharing across institutions
- Import/Export Functions
- Immediate access

The screenshot displays the ACE Military Guide web application. The top navigation bar includes 'Feedback', 'Home', 'Inbox', and 'Dallas Kratzer'. The main interface features a search bar, 'Upload JST', and 'Create Equivalencies' buttons. A table lists JST entries with columns for Branch, Last Updated, Status, and JST ID. The 'Award Drafting' tab is active, showing a list of JST entries. A detailed view of a JST entry is shown, including 'Student Information' (Unique ID, Branch of Service, Rank, Status), 'Learning Experience' (Occupations, Courses), 'Credit Awards', and 'Exhibits'. The 'Courses' table is highlighted with a blue circle, showing columns for Title, Date, TA, ATX, PCA, and PIC. The 'Exhibits' section shows details for 'Cavalry Scout Advanced Leader (ALC)', including 'Has Peer Institutions Credit Award Data', 'COURSE NUMBER: 250-19D30-C45', 'VERSION NUMBER: 6', 'EXHIBIT DATES: 10/16-7/21', 'TEAM REVIEW DATE: 3/18', 'MINIMUM PASSING SCORE: 70', 'LENGTH: 7 weeks (287 hours)', and 'LOCATION:'. The 'Credit Recommendations' and 'Instructional Strategies' sections are also visible.

# THE TOOL: INSTITUTIONS PAGE

## ACE Institutions Page is

- Active and available
- Based on your data and shareable
- Advances use of military credit recommendations
- Institutions manage access
- Free



**7 min video on ACE Institutions page - learn more at**

**<https://www.youtube.com/watch?index=4&list=LL&v=HrzER7zgyqo>**

# QUESTIONS?



*What are the issues or challenges that affect acceptance of recommended credit for your military-connected learners?*



## CONTACT INFO:

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HOW DO FACULTY  
GET INVOLVED?

[www.acenet.edu/evaluators](http://www.acenet.edu/evaluators)

