



PMI-NAC

“Industry Certifications”

September 17, 2013

PMI - Project Management Institute

[pmi.org](http://pmi.org)

[northalabamapmi.org](http://northalabamapmi.org)

- Newtown Square PA, 700,000 members
- Known for the PMBOK - Project Management Body of Knowledge, OPM3
- PMI-NAC PMBOK review 10/1 to 11/14 at Lockheed
- CAPM - Certified Associate in Project Management  
\$150 fee + 23 hrs training + 1.5k hrs in a project org
- PMP - Project Management Professional  
\$275 fee + 35 hrs training + 7.5k hrs as a PM or BS degree & 4.5k hrs
- PgMP - Program Management Professional  
\$500 fee + 6k hrs as a PM + 10.5k hrs as a PgM or BS degree & 6k hrs
- PfMP - Portfolio Management Professional  
\$TBA

PMI - Project Management Institute

[pmi.org](http://pmi.org)

[northalabamapmi.org](http://northalabamapmi.org)

- PMI OPM3 Certified Assessor
- PMI-ACP - Agile Certified Practitioner
- PMI-RMP - Risk Management Professional
- PMI-SP - Scheduling Professional

\$335 fee + 21 hrs training + 2k hrs in a project org + 1.5k hrs in agile

SCRUM Alliance  
scrumalliance.org

- Each cert is 2 days training, online exam later, recertify every 2 yrs
- Daily scrum, 1 to 4 week sprints, agile method for iterative development
- Forces shared accountability to include with the customer
- CSM - ScrumMaster (roadblocks, define done, servant-leader)
- CSPO - Product Owner (customer knowledge, parcels & prioritizes, tracking)
- CSD - Developer
- CSP - Professional
- CSC - Coach
- CST - Trainer

AACE - Association for the Advancement of Cost Engineering International  
aacei.org

Morgantown WV, est 1956, 8600 members globally, certs recognized by CESB  
Southeast USA = Region 3, contacts in Birmingham and Atlanta  
Known for TCM - Total Cost Management / Integrated PPM Framework

#### Train

- Apply first then given okay to sit the exam; no refund if the declined.
- Exam part 1 is multiple choice. Part 2 is essay - senior only.
- Downloadable study guides. Books on Amazon. Online training. Mentor program.
- Established league of trainers: Gary Humphreys of Humphreys and Associates visits Huntsville regularly.

AACE - Association for the Advancement of Cost Engineering International  
aacei.org

### Certify

- Senior Level - Bachelors degree & 4 yrs exp OR 8 yrs exp. \$500 exam fee
- Junior Level - Bachelors degree OR 4 yrs exp. \$250 exam fee
- CEP - Estimating Professional
- CEP - Certified Estimating Professional
- CCP - Certified Cost Professional (former CCC & CCE merged into 1)
- CCT - junior CCP
- CFCC - Forensics Claims Consultant (senior + prior cert such as CEP)
- DRMP - Decision & Risk Management Professional
- EVP - Earned Value Professional
- PSP - Planning & Scheduling Professional
- CST - junior PSP
- CAM - Control Account Manager from Humphreys & Associates

IMA - Institute for Management Accountants (USA)

[imanet.org](http://imanet.org)

- Montvale NJ, est 1914, 200 chapters, student chapters
- CMA - Certified Management Accountant (40 yrs in the market)
- \$240 join, \$1000 courseware, \$380 per exam x 2 exams, 3 yr completion window
- Prometric exams offered 3x per year
- 30 CPEs annual maintenance
- Books and Courseware from multiple sources - must be IMA endorsed
- Plan, budget, forecast, cost, controls, ethics, financial statements, corporate accounting, performance management, risk management, investment

DAU - Defense Acquisition University  
dau.mil

- Fort Belvoir MD, est 1992, 7 campuses nationwide including Hsv
- Classroom or online courses
- Free tuition, CEU's are IACET eligible
- Count toward UAH's Certificate in Federal Contract Management Essentials
- Trains to 3 levels of certification in the basics of acquisition (DAWIA), audit, contracts, facilities, IT, logistics, program management, purchasing, and more
- Civil servants, military and contractors
- Local Contact Steve Mills



UAH - Continuing Ed

- PMP & PgMP Review
- Certificate in Federal Contracting & Procurement Management (6 courses, 18 hrs)
- Others: DCAA Compliance & Audits, EVM, Supply Chain
- Federal Contract Management Essentials (Harry Cleaver, 5 days, 40 hrs, \$1600)
- RFP's (Harry Cleaver, \$750 online)
- Proposal Management (Harry Cleaver, \$1300 online)

NCMA - National Contract Management Association

[ncmahq.org](http://ncmahq.org)

[ncmahsv.org](http://ncmahsv.org)

- Ashburn VA, est 1959, 22000 members
- Huntsville Chapter est 1964, meets 3rd Thursdays, CFCM study group
- Known for the CMBOK - Contract Management Body of Knowledge, 3ed
- Education partners, certificate programs with colleges, books, study guides
- Exams weekly through Kryterion Learning Centers

NCMA - National Contract Management Association

[ncmahq.org](http://ncmahq.org)

[ncmahsv.org](http://ncmahsv.org)

BS degree, 80 to 120 hours of training, 1 yr exp, 12 CPE's annual maintenance

▪ Fees: \$150 join + \$150/200 program + \$200 books + \$500 10 wks online training

▪ ICCM-x is 24 hrs of training, \$299 fee, 1 / 2 / 4 yrs exp for levels 1 / 2 / 3

▪ CPCM - Certified Professional Contract Manager (120 hrs, \$200 fee)

▪ CFCM - Certified Federal Contract Manager

▪ CCCM - Certified Commercial Contract Manager

▪ ICCM-D - Industry Certification in Contract Management - Defense

▪ ICCM-F - Industry Certification in Contract Management - FAC-C

▪ Next NCMA Hsv luncheon is 9/19 at RFCU Wynn Drive

ASQ - American Society of Quality  
asq.org

- Milwaukee WI, Est 1948, Huntsville chapter is Section 503, meets 2nd Tuesdays
- Known for Malcomb Baldrige Award, numerous Bodies of Knowledge
- Fees: \$ 140 membership + \$269 cert fee, 3 yr renewal cycle
- CQE - Certified Quality Engineer
- CRE - Certified Reliability Engineer
- 15 others

APQC - American Productivity & Quality Center  
apqc.org

- Houston TX
- Known for PCF - Process Classification Framework
- Benchmarks best practice in finance, HR, KM, SCM and more
- Note PMI document release on Innovation and SCM

APICS - The Association for Operations Management  
apics.org

- Chicago IL, est 1957
- Known for OMBOK - Operations Management Body of Knowledge
- \$200 membership, \$1400-\$2600 course fees, Pearson Vue test center
- Apply for eligibility then take
- CPIM - Certified in Production and Inventory Management  
5 exams @ \$145 each, 3 hrs multiple choice, open eligibility
- CSCP - Certified Supply Chain Professional  
\$635 exam

ASTD - American Society for Training & Development

[astd.org](http://astd.org)

[astdna.org](http://astdna.org)

- Alexandria VA, est 1943, \$200 membership
- Hsv Chapter meets at Botanical Garden / 4-Points Sheraton
- SHRM - Society of Human Resource Management / HRCI
- [shrm.org](http://shrm.org)
- [nashrm.org](http://nashrm.org)
- Alexandria VA, est 1948, 250,000 members, \$180 membership
- Hsv chapter meets at Jackson Center on 2nd Tuesday
- Fees: \$350 to \$475 exam + \$850 to \$1200 courseware
- Strategy, Workforce Planning, Comp & Benefits, Labor Relations, HRD, OSHA
- PHR (BS, 2 yrs exp), SPHR (BS, 5 yrs exp), GPHR (BS 3 yrs exp)

INCOSE - International Council on System Engineering  
incose.org

- San Diego CA, est 1990, 7000 members, \$135 membership
- Hsv chapter since early 90's
- Known for ISO-15288 standard
- Apply for eligibility then take, Prometric testing, 120 CPE maintenance cycle
- ASEP - Associate System Engineering Professional
  - BS degree + 5 yr cycle w/ steady membership + \$230 fees
- CSEP - Certified System Engineering Professional
  - ASEP + 5 yrs exp + 3 yr renewal + \$480 fees
- ESEP - Expert System Engineering Professional
  - CSEP + 25 yrs exp + 3 yr renewal + \$630 fees
- Acq - Acquisition extensions
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- Eric Honour of Honourcode.com - ASEP / CSEP Certification Review

## IIBA - International Institute of Business Analysis

Theiiba.org

- Toronto, est 2003, 26000 members, \$125 membership
- Known for the BABOK
- BABOK references COBIT, ITIL, TOGAF, CMMI
- Birmingham but no Hsv chapter
- Fees: \$125 application + \$325 exam
- Apply then take
- CCBA - Competency of Business Analysis (3700 hrs exp)
- CBAP - Certified Business Analysis Professional (7500 hrs exp)



ITIL / ITSM - IT Information Library / Service Management  
itsmfusa.org

- Property of the U.K. government
  - ITSMF - IT Service Management Forum international interest group
  - 1990's - Europeans unable to build USA market through HP / vendor channels
  - 2000's - ITSMF USA established, ties to ISACA's COBIT + SOX law = USA success
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- ITIL v2 - early 90's
  - Foundation Certificate 2.5 days, multiple choice
  - Service Manager / Master 12 days, 8 essay questions - HARD !
  - 5 Support processes: Incident, Problem, Configuration, Change, Release
  - 5 Delivery processes: SLM, Financial, Continuity, Availability, Capacity
  - Other volumes

ITIL / ITSM - IT Information Library / Service Management  
itsmfusa.org

- ITIL v3 - 2007
- Move into a PDCA Lifecycle Model
- Customer-back and top-down IT operational view
- 5 Phases: Strategy, Design, Transition, Operate, Continuous Improvement
- ITIL 2011 - Rewrite of Strategy, synch of all 5 books for consistency
- ISO-20000 and "USMBOK"
- April 2013 - U.K. sells 51% interest in ITIL, PRINCE2 and the rest of the "Swirl Suite" to U.K. private corporation Capita later named Axelos.

DoD 8570.1m - IA Workforce Improvement Act

- Requires all personnel with privileged access to IT systems to achieve an ANSI / ISO-17024 accredited commercial IA certification or become ineligible for their position
- To be superseded by 8140 in late 2013 / early 2014

8570 Matrix acronyms

- IAT (technical), IAM (manager) Levels 1 to 3
- CND-SP (computer network defender service provider) Specialists
- IASAE (information assurance system architect and engineer) Levels 1 to 3

8570 Certification Providers

- CompTIA
- EC-Council
- ISACA
- (ISC)2
- SANS Institute / GIAC
- SCP SCNP - Security Certified Network Professional

CompTIA

- A+ (desktop), Network+ (networking)
- Security+
- CASP (Advanced Security Practitioner)

EC-Council - Electronic Commerce Council

- Albuquerque NM
- Huntsville EC-Council Takedowncon Hacker Conference - July 2013 at Dynetics
- C|EH (ethical hacker)

(ISC)2 - International Information System Security Certification Consortium

- CISSP (or Associate) - Information System Security Professional
- ISSAP / ISSEP / ISSMP - Architect, Engineer, Manager
- SSCP - Security Certified Practitioner
- CAP - Authorization Professional (C&A)

SANS GIAC - SysAdmin, Audit, Networking & Security Global IA Certification

- GSEC - Security Essentials
- GSE - Security Expert
- GISF - Information Security Fundamentals
- GSLC - Security Leadership
- GCIA - Intrusion Analyst
- CGIH - Incident Handler
- GSNA - System and Network Auditor

## DoD 8570.1-m Certification Matrix

IAT Level I		IAT Level II		IAT Level III	
A+ Network+ <b>SSCP</b>		GSEC Security+ SCNP <b>SSCP</b>		CISA GSE SCNA <b>CISSP (or Associate)</b> GCIH	
IAM Level I		IAM Level II		IAM Level III	
<b>CAP</b> GISF GSLC Security+		<b>CAP</b> GSLC CISM <b>CISSP (or Associate)</b>		GSLC CISM <b>CISSP (or Associate)</b>	
CND Analyst	CND Infrastructure Support	CND Incident Responder	CND Auditor	CND-SP Manager	
GCIA CEH	<b>SSCP</b> CEH	GCIH CSIH CEH	CISA GSNA CEH	<b>CISSP-ISSMP</b> CISM	
IASAE I		IASAE II		IASAE III	
<b>CISSP (or Associate)</b>		<b>CISSP (or Associate)</b>		<b>CISSP-ISSAP</b> <b>CISSP-ISSEP</b>	

## ISACA

[isaca.org](http://isaca.org)

[isaca-huntsville.org](http://isaca-huntsville.org)

- Chicago IL, est 1967, 120,000 members, \$165 membership
- Known for the COBIT framework - Control Objectives for Information & Technology. Also Val-IT, Risk-IT, BMIS
- Atlanta, Nashville & Birmingham chapters each 30 yrs old
- Huntsville chapter new in 2012, 75 members, 3rd Monday lunch
- CISA - IS Auditor
- CISM - Information Security Manager
- CGEIT - Governance of Enterprise IT
- CRISC - Risk and IS Control
- COBIT Foundation / Implementor / Assessor