The EVP Certification:
A Bridge Between SCEA and AACE

aace International — The Authority for Total Cost Management™

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2012 SCEA/ISPA Joint Conference and Training Workshop

Outline

- Introduction to AACE International

- AACE's Certification Program

- The Earned Value Professional (EVP) Certification

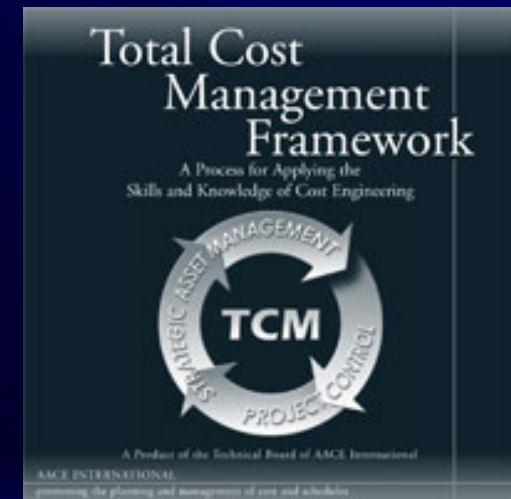- EVP Statistics

- Conclusion

- Question & Answer Session

Introduction to AACE

- AACE International (formerly Association for the Advancement of Cost Engineering)
  - Founded in 1956
  - Currently largest global organization dedicated to furthering concepts of cost engineering and "total cost management"
    - 9 regions
    - 88 sections
    - 8,215 members

Introduction to AACE (cont'd)

- **Cost Engineering** defined as the collective set of practice areas that includes the following:
  - Business and program planning
  - Cost estimating
  - Economic and financial analysis
  - Cost control
  - Program and project management
  - Planning and scheduling
  - Cost and schedule performance measurement
  - Change control
- Total Cost Management (TCM) is the "process" through which these practices are applied in support of projects/programs

Relationship with SCEA

- Cooperative agreement first signed with National Estimating Society (NES) in 1986

- New agreement signed with SCEA in 1992
  - Agreement renewed annually until 1997

- Both became charter members of *Joint Cost Management Association* in 1997
  - Agreement allowed to expire in 2004

AACE's Certification Program

- Existing certifications
  - **Certified Cost Consultant/Certified Cost Engineer (CCC/CCE)**
  - **Certified Cost Technician (CCT)**
  - Certified Estimating Professional (CEP)
  - Certified Forensic and Claims Consultant (CFCC)
  - ★ **Earned Value Professional (EVP)**
  - **Planning and Scheduling Professional (PSP)**

  "Specialty"

- In development
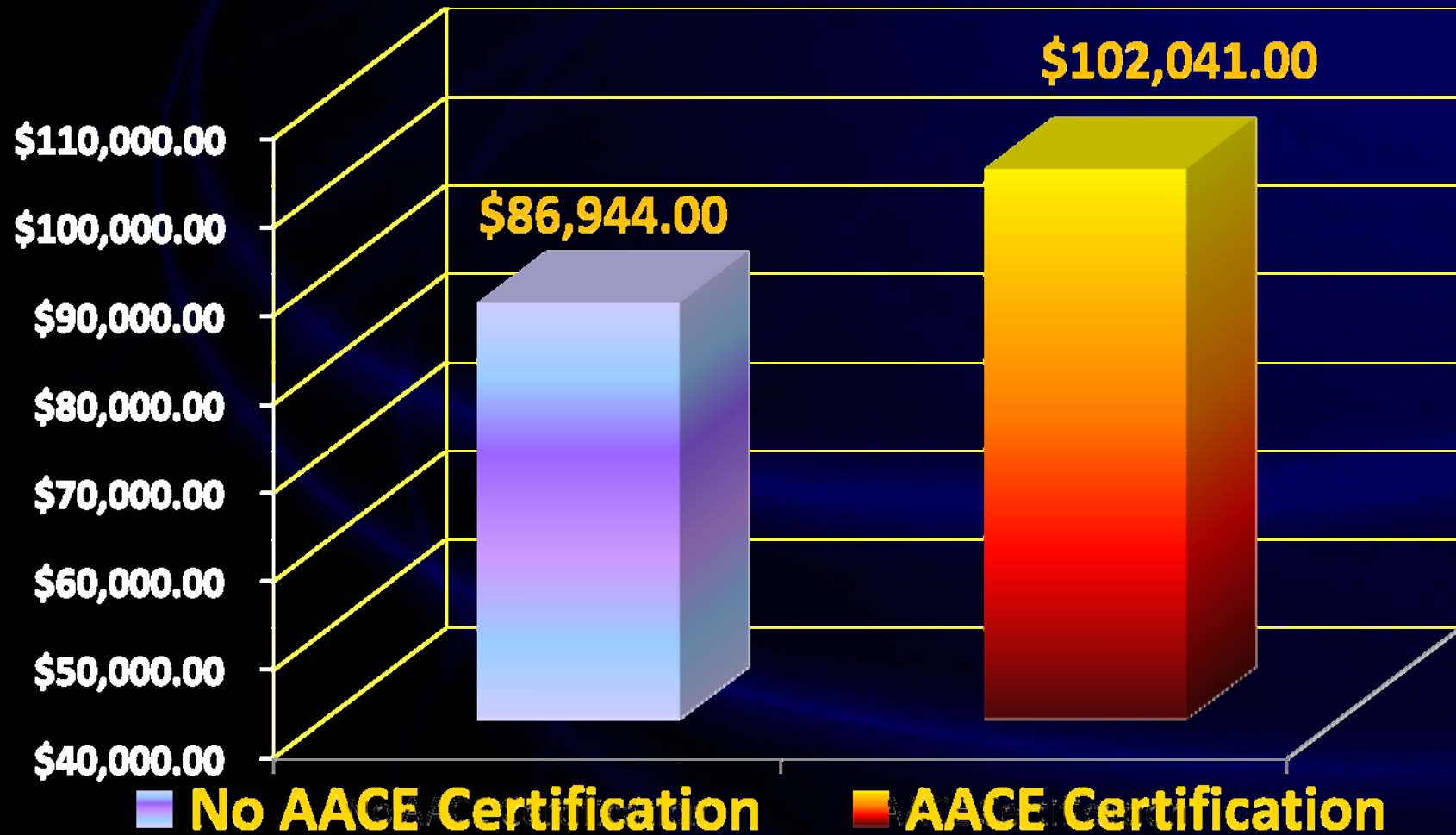 - Decision and Risk Management Professional (DRMP)
- Accreditation
  - Council of Engineering and Scientific Specialty Boards (CESB)
  - International Cost Engineering Council (ICEC)
  - Potential for ANSI accreditation currently under review

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Computer-Based Exams

- Goal of Certification Board is for **all** certification examinations to be held via computer-based testing system
  - Will allow candidates to sit for exam at more than 500 secure locations worldwide!
  - Current forecast is January 1, 2013

- Major promotional campaign for certifications will be unveiled in late 2012 to coincide with CBT roll-out

Earned Value Professional (EVP)

- History
  - 2005
    - EVP certification introduced as AACE's second "specialty certification"
  - 2007
    - Accredited by CESB
  - 2008
    - Recognized by GAO, DAU, and PMI-CPM
  - 2011
    - Included as one of criteria to achieve DCMA "Expert-level" certification

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Earned Value Professional (EVP)

- Body of Knowledge
  - ANSI/EIA-748 Standard
  - Earned Value Study Guide, 2nd Edition
  - EVP Competency Model based on ANSI/EIA-748
  - NDIA EVMS Intent Guide
  - Project Management Using Earned Value, ISBN: 0-9708614-0-0, Gary C. Humphreys, 2002
  - Additional References include
    - http://www.acq.osd.mil/pm/
    - http://www.acq.osd.mil/pm/faqs/evm_gold_card.pdf

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Earned Value Professional (EVP)

- Eligibility Requirements
  - 8 years of professional experience
    - 4 years of experience can be substituted by a 4 year college/university degree
  - Must agree to adhere to the AACE Canons of Ethics
    - "All individuals will practice their profession in a manner that meets fundamental ethical standards"

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Earned Value Professional (EVP)

- ## 4 Part Examination

  - ### Part 1: Planning

    - Consists of multiple choice questions relating to general EV concepts, organization, planning, scheduling and budgeting

  - ### Part 2: Communication Evaluation (memo)

    - Requires candidate to write equivalent of one-page memo to project manager on given project situation

    - Currently graded by volunteers, several from within aerospace & defense industry

  - ### Part 3: Earned Value Applied

    - Consists of answering series of complex application scenarios

  - ### Part 4: Monitoring and Control

    - Consists of multiple choice questions focusing on accounting, analysis and reporting

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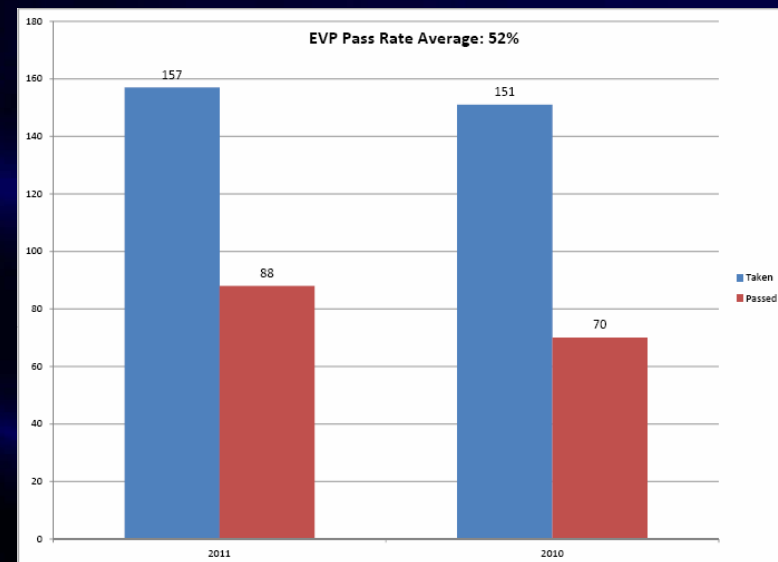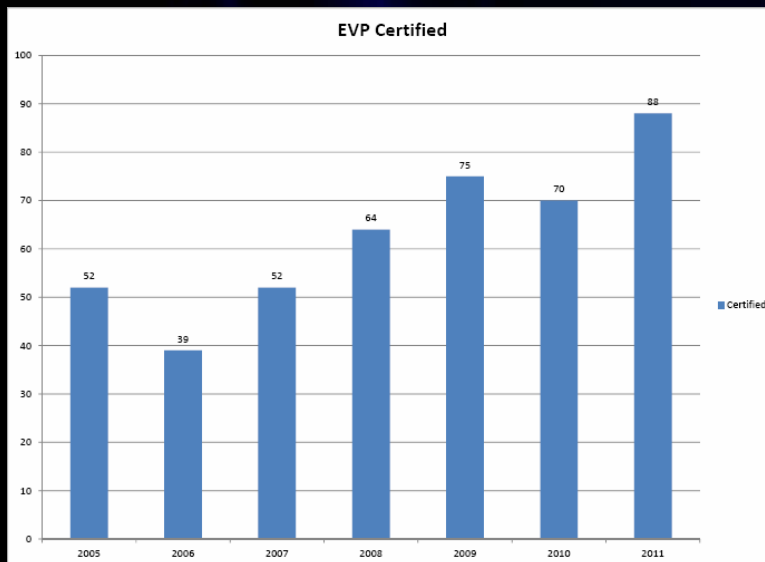# Earned Value Professional (EVP)

- Who is an ideal candidate for the EVP?
  - Professionals performing both review and analysis of EVM data
  - Responsible for communicating analysis to PM and key stakeholders
  - Experience implementing "ANSI-compliant" EVM Systems
  - Broad understanding of all functional areas of project/program controls
    - Scheduling
    - Risk management
    - Project accounting

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EVP Statistics/Trends

- ## Statistics/Trends
  - Of the total of 3,717 **active** certifications as of the end of 2011, we have 370 individuals who are certified as EVPs (10%)
    - 62 are currently inactive/expired

EVP Certified

EVP Pass Rate Average: 52%

Conclusion

- A formal relationship previously existed between SCEA and AACE
  - Focus on different industries ultimately resulted in relationship not being continued

- AACE's EVP certification's reliance on ANSI Standard is meant to make it non-industry specific
  - As such, can effectively augment both SCEA's and AACE's flagship certifications without competing with them

- Resulting cross pollination between both can also be basis of a renewed, formal relationship

Questions?

- **www.aacei.org**

- **president@aacei.org**