TCOM Program Development Committee  
12th October 2013  
4:00 – 6:30 PM

Attending

Norman del Prado, Chair  
TCOM Program Coordinator  
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Walter Hanley, Small Business IT Specialist, Instructional Designer  
Owner config.sys; Microsoft Partner, Pacifica, CA  
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Ernest Lau, Security Network Engineer  
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Sam Zandi, Network Architect, CCIE, Senior Network Engineer, NetXperts  
Design security, data, voice and video infrastructure for large scale companies.  
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Roger Eric Lohmann, Emergency Preparedness Division Chief  
Department of Veterans Affairs, Office of Information Technology  
Manager, Information Systems Contingency and Disaster Recovery  
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Agenda

Status of course and lab development
  o Completed
    - Cisco ASA TCOM 486
  o In Progress
    - Upgrading 2111 lab for VOIP class

Potential new topics for program to reflect industry needs
  o Immediate 2-4 years
    - Internship Program
    - CCNA Review/Preparation Exam (revive)
    - Linux (revive)
  o Long term 3-5 years
    - Network Design course
    - Project Management course
Meeting Notes

Status of Course and Lab Development

Subjects Completed
- Cisco ASA
  - 2111 Lab topology updated for ASA
  - Beta test ASA course content with 486 students completed
    - Summative Assessment completed

Subjects in Progress
- VoIP Course
  - VoIP Lab 2111
    - Completion 90%
  - VoIP Curriculum
    - Completion 80%
  - On track for completion Spring 2014
- Virtualization Course
  - VM Ware/Hyper-V
    - Research Alternative Technologies/Market Shares
      - Completed 100%
  - VM Ware
    - Research Software & VM Academy
      - Completion 50%

Potential New Topics

Immediate (2-4 years)
- Internship Program
  - Solution for students of limited or no IT work experience
    - Employers value students who complete internships
  - Keystone experience of Network Engineering Program
  - “Learning Agreement”
  - Requirement of a coordinator to manage and maintain internships
  - Sam Zandi assist Norman del Prado in effecting internships
  - Potential for small-to-medium business participation
- CCNA Certification Prep Course
  - Certification required by most all employers/agencies
  - Revive
  - Offer once every academic year
- Linux Course
  - Linux skills increasingly a prerequisite of employment
  - Revive
    - One course
  - Red Hat software
  - Align with Linux Pro/CompTIA Linux Certification
Long-term (3-5 years)
  • Network Design Course
    o Portfolio-building capstone course
    o Align with Cisco Design CCDA standards
  • Technical Project Management Course
    o Increasingly students report employers requests to manage full-system upgrades and geographical moves of IT infrastructure
    o Based on PMP Certification & industry standards
  • Data Center
    o Industry trend requiring network engineers to design, assist and implement with construction teams