NETX Advisory Committee
Oct 11, 2021
11:00 AM – 12:30

Attending:

Norman del Prado, Chair
Professor, NETX Program Coordinator
Project Engineer/ Manager – SFO IA – TIC and BAB Renovation Program
delpradon@smccd.edu

Ahmad Rezazadah Sr. Project Engineer
Stanford Hospital, Palo Alto, CA
ARezazadeh@stanfordhealthcare.org

Sam Zandi, Program Architect, CCIE, Senior Network Engineer, WWS
Design security, data, voice and video infrastructure for large scale companies. szandi@yahoo.com -

Bob Fluegge, Director WIFI Consultants
TEECOM – Engineering Design Consultants
Bob.fluegge@teecom.com

Marcell Mitchell Sr Network Engineer
Consultant
Mmitchell8393@gmail.com

Anthony Portelli Information System Engineer
PUC - San Francisco
Anthony.portelli@puc.org

Agenda

- Program Review Updates
- Marketing Outreach
- Certificate Updates
- Advisory Committee’s
  I. Commendations
  II. Recommendations
Notes

Review of key items

I. Program Review
   a. Program Statistics - TBD
   b. Continued with online course format
      i. All classes submitted for curriculum to online courses
      ii. Converted to asynchronous learning
      iii. Continued online class meetings on Zoom
      iv. Researched software still sufficient substitute for online training
         1. Developed more lab courses using Packet Tracer, Netlab+, Testout, Visio, Wireshark
         2. Provided video tutorials and configuration examples to enhance learning
         3. Student submittals required documentation format modeled in industry
            • Screen captures, summaries, analysis
         v. Incorporated new technology topics in 400 - cybersecurity, data centers, cloud-based solutions, IoT, IPv6
   c. Delayed fiber class until campus reopens on the base of recommendation of Dean Scurries
   d. Department Relocation Status
      i. Complete
         1. Move date for relocation to new classrooms in Pacific Heights set in April or May
      ii. In Progress
         1. Offer students a chance to participate in development of department relocation
         2. Relocate to Pacific Heights

II. NETX Marketing Outreach
   a. High School Outreach
      i. Alex Martinez – part-time faculty teaching high school students
   b. Continued to support
      i. Career Technical Counselors at college
      ii. Andrea Vizenor - Director of Career & Workforce
III. Endorsement Certificate
   a. Stay at status quo
   b. Continuing to incorporate additional courses to complement existing classes
      i. Intro to Cybersecurity – investigating cybersecurity certificate
      ii. Python Programming

IV. Advisory Commendations
   a. Graduates of program continue to be involved and participate in development of network lab and class material
   b. New TAs were appointed for NETX Department – Leanna Pangan, Jonathan Luo

V. Advisory Recommendation
   a. Update program website with current information
   b. Plans to provide workshops to allow students to have more hands-on learning in case of possible campus re-opening in fall 2021
      i. Offered in weekends
      ii. Provided with exercise books that simulate all final projects on live industry equipment
   c. Incorporate new technology topics into courses - cybersecurity, data centers, cloud-based solutions, IoT, IPv6
      i. Introduce in introduction class
      ii. Reinforce in advanced courses with additional in-depth interpretations
   d. Consideration of Linux course to be offered solely online
   e. Advanced Linux class should be offered
   f. Continue to develop cybersecurity course
      i. Research Security+ on NETLAB+
      ii. Create course outline

VI. Advisory Comment on Market
Job employment for network engineering still remains high. Continue with your program. The NETX program has a good reputation in the Bay Area. PUC and other locations have fast-tracked our candidates’ applications. The program’s core courses are built on key fundamental skills that are required in IT and Networking Technology fields.