

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
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Ahmad Rezazadah Sr. Project Engineer
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Sam Zandi, Program Architect, CCIE, Senior Network Engineer, WWS
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Bob Fluegge, Director WIFI Consultants
TEECOM – Engineering Design Consultants
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Marcell Mitchell Sr Network Engineer
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Anthony Portelli Information System Engineer
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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

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Certificate Updates

- 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.