Computer Science Department Advisory Committee Meeting

Thursday, April 1, 2021

3:00 pm – 4:00 pm

https://fsw.zoom.us/j/82598207329   Passcode: 937350

Minutes

Attendance

Dr. Mary Myers, FSW
Dr. Melinda Lyles, FSW
Dr. Roger Webster, FSW
Dr. George Kodsey, FSW
Associate Dean Jennifer Baker, FSW
Albert Nault, Coordinator Retention and Student Success, FSW
Ray Desjardins, Charlotte County
Lee Dubey, Kitson Partners
Jordan Azis, Stickboy Creative
Marshall Howard, CommLynx
Joshua Hudson, Charlotte County
Matt Opalach, Crews Bank Coproration
Bill Sandifer, Fort Myers Technical College
Bryan Jones, LeeSar

1. Minutes distributed for approval for Spring, 2020 Meeting
2. BAS Information Systems Technology Update
    a. The program was approved by the FLDOE and has been submitted to SACSCOC for approval.
    b. We hope to gain final approval in the summer.
    c. Upon approval, the program will begin in either spring or fall 2022
3. Pursuing AS degree in Cyber Security
    a. Partnering with cyber organizations
        i. We have formed a partnership with the EC Council. This will provide us with course materials, and virtual war rooms.
        ii. These courses will be a major part of the AS in Cyber Security
    b. Building with Certification in mind
        i. EC Council courses have their own certification exams
        ii. We will continue with CompTIA as well
    c. Project Ares- Security training
        i. We looked at this vendor. The price is significant compared to the price for EC Council materials

d. Discussion of degree
   i. Currently, the proposed AS is set up for 4 tracks: Cyber Operations, Forensics, Cybersecurity Software Engineering for IOT, Network Security.
   ii. Comments from the group were that these are too many tracks, and that they are not all meant for entry level employment. Many companies outsource forensics. There can be electives that speak to these different areas, but the AS degree should be more general and geared towards incidence response. Once working in cyber, the students will gravitate towards a specialty. They need the initial general exposure to all topics. The suggestion was to create a Cyber Operations track and simplify the degree. The need to screen students and make them cognizant of their ethical obligations regarding cyber was also stressed. A suggestion was also made to align to the NISS (National Industrial Security System) standards.
   iii. The suggestion was made to bring in speakers who can spark interest in a Cyber Career. The FBI has spoken to student groups in town.

4. Updates to AS degrees and College Completion Certificates
   a. Dr. Lyles is developing a new Virtualization CCC. Our current Microsoft Server CCC also needs to be updated.
   b. The programming and networking AS degrees had minor modifications made for 2021/2022: Programming added COP2700 – Database Programming as a core requirement. This is a prerequisite for courses in the BAS – Programming track. Networking added CNT1512 – Wireless Network Administration as a core requirement. This is needed as a prerequisite for courses in the BAS – Networking track.

5. Student Internships – very much needed!
   a. When we can get back to in-person meetings, we would love to have a speaker's series and/or an internship fair to give our students the opportunity to meet local employers.

6. Faculty hiring
   a. We are going to be hiring a new faculty member. Ideally, the candidate will be able to teach Networking/Cyber.

7. Search for new dean for SOBT
   a. Dr. April Fleming, Dean of the School of Education, will be leading the search for a new dean. Dr. Psihountas is no longer dean.

8. Events – outreach to students and build on internships.

9. Certification Testing
   a. Summer Classes – tuition and test fees (if not on Pell or Bright Futures)

10. IT Advanced Technology Think Tank - Cyber War Room
    a. We put in a proposal to build a dedicated Information Technology lab for Computer Science. Dr. Norman is assisting with the paperwork.

11. Open Discussion – Community Needs
    a. The time ran short – this will be the first agenda item for the next meeting.
    b. The advisory board feels that we are on the right track and the cyber degree should focus on cyber operations.
    c. The computer science faculty is very grateful for the advice and input from the advisory board.

The meeting adjourned at 4:10 pm