Sub-Committee on Curriculum
Minutes
February 10, 2022

I.   **Call to Order**

The meeting was called to order at 3:37 pm

II.   **Attendance**
Pam Carter, Administrative Appointee; Vishal Shah, Administrative Appointee; Chae Sweet, Administrative Appointee; Amy Birge- Caracappa, Administrative Alternate, Michele Claybrook-Lucas, Administrative Alternate, Lizzie Gordon, Faculty Alternate, Danielle Liautaud- Watkins, Administrative Alternate, Jennifer Roberts, Administrative Alternate; Melissa Altman-Traub, Faculty Appointee; Brian Seymour, Faculty Appointee; Cyndy Walls, Faculty Appointee; Brenton Webber, Faculty Delegate, Yusra Ali, Student Alternate

III.   **New Business**
a. **Photography – Program Revision** (formerly Photographic Imaging)

Guest: Kara Crombie

Kara Crombie explained that the changes in the program were made to address student retention and time to graduation. The first year includes the basic courses needed. In the second year, students have electives they can choose from, based on their interests. New classes can be introduced to the program without needing to rewrite the program.

PHOT 298 - Portfolio development course - this will allow students to have a consistent portfolio focused on their interests, which is important for their career.

PHOT 297 - Community photo projects – will allow opportunities to collaborate on a project

PHOT 251 - Will help students gain additional experience and proficiency in Photoshop.

Brenton Webber asked how large the program is.

Kare Crombie replied that there are about 30 students.

Breton Webber asked if this flexibility may increase the number of students?

Kara Crombie said she believes so.

Brian Seymour asked about the concern that students won't have liberal arts classes for education in the concepts if they plan to transfer for a fine arts pathway.

Kara Crombie replied that students will have electives in digital arts and culture and photography and history. Program Learning Outcome #4, Cultural context of photography, has been a challenge to meet. They have been addressing it in different ways, including through hiring new faculty members and an archive of historical photos to use for teaching.

Chae Sweet noted that this is an A.A.S. program with the focus of employment.

Pam Carter motioned that the program be approved. Cyndy Walls seconded the motion.

The motion passed with 8 votes and 1 abstention

    b. Toyota T-TEN (Toyota-Technician Education Program) – New Program

       Guest: Rich Saxton

Rich Saxton said that this is a new select A.A.S. program. The College has partnered with Toyota. This is similar to and more intensive than the general automotive program, and includes internships at dealerships. Students will learn directly on donated Toyota product lines. Two faculty members are putting together the program. This will be offered at the new CATC building. Students need to be college-ready and will move together through the program as a cohort. It is very likely that the dealerships will keep the students on as employee after graduation. Students must attend the program full-time.

Brenton Webber asked about the number of students in the program.

Rick Saxton said there are a maximum of 20 students per cohort.

Brenton Webber asked why this particular manufacturer was selected.

Rich Saxton replied that Toyota sought out the College and also has a location in proximity to the CATC.

Brenton Webber asked if there may be similar partnerships with other manufacturers.

Rich Saxton replied they have been in conversations with others and may do so in the future. Now students can obtain some training for specific manufacturers in the A-TEN program.

Brenton Webber asked what kind of flexibility there is for students who would like to work for other manufacturers.

Rich Saxton said it is a very tough program and the techs are in dire need everywhere. They could be hired by any dealership. It would put them at an advantage over other employees. Certified technicians are needed to do warranty work on vehicles.

Brenton Webber asked how the program will handle students who are not able to attend full-time.

Rich Saxton replied they would probably be moved to the generic program. However, it would depend on for how long and the open seats in classes.

Brian Seymour asked about the tool set required and cost.

Rich Saxton - said they are working with the dealers to supply a tool set if any students are in need. It should not be a barrier. They also work with Snap-On to provide the tool kit at a significant discount.

Brian Seymour asked if the College is receiving Are we getting what is needed?

Rich Saxton said from a survey there is demand for about 40 technicians on our area. Toyota has not had a program locally in about 12 years, which was at Camden County Community College. Toyota has been providing equipment and resources to the faculty members. They have provided 6 cars and plan to deliver more. These can be used for the general program also. They usually invest about $1,000,000 when building one of these programs.

Cyndy Walls asked when the internship would start.

Rich Saxton said at least 107 hours per semester and every semester including the summer.

Cyndy Walls that motioned the program be approved. Chae Sweet seconded the motion.

The motion passed with 9 votes

c. Web and Mobile Application Development

Guests: Lawrence Liss and Charles Herbert

Lawrence Liss explained the apps are developed and delivered over the Internet and do complex tasks, as opposed to software, which runs on computers. Training currently is met with company-specific boot camps of varying quality. This is an in-demand skill with significant growth expected. The degree will be comprehensive but an alternate pathway for those more interested in joining the workforce more quickly. Students who are interested in transfer will have that ability, depending on where they want to go. This program is designed to work with the CIS-IT degree to switch to this program, and to some extent with Computer Science. It is a hands-on program.

Cyndy Walls asked about transfer opportunities

Lawrence Liss replied that Pierce has a web application B.S. program. Temple has a number of similar classes and some classes should transfer.

Charles Herbert added that Temple requires calculus and physics. Drexel has similar requirements. The PASSCHE– agreement is for computer science. CIS students about 70% go on to another program

Dean Pam Carter added that this is not designed to be a transfer degree.

Dean Vishal Shah added this could be beneficial for students dropping out of cybersecurity and other programs from 4-year colleges.

Brian Seymour asked how the program will stay current with technological changes.

To address a question about keeping up with changes in technology, Lawrence Liss replied that Javascript is the main language used online for the last 10 years. Languages change on the server side more often. The program is foundational as it teaches concepts. There is not control over platforms but the CLO's and principles would not need to change annually. How code teaches may need to be changed.

Charles Herbert explained that students teach a good foundation on the things that don't change, and the skills to keep up with the things that will be changing.

Brenton Webber asked how many students they expect to attract.

Lawrence Liss said in time may grow to the size of Computer Science, which is nearly 300 students.

Charles Herbert added a likely scenario is that graduates get in workforce and return to take additional math classes. Computer Science students may take Apple application courses.

Brenton Webber asked if there are foreseen infrastructure issues.

Charles Herbert said the challenge is to make sure we have enough faculty. There are currently two hiring committees. They have also reached out to 4-year schools as new PhD graduates would be good candidates.

Lawrence Liss noted that there is only 1 Apple lab and students do need to have these for this class. The software and most textbooks are free.

Brenton Webber mentioned the math requirement is FMNT 118. Many computer programs have a math course requiring some type of logic.

Lawrence Liss said that student often ask how much math they need. While more math classes improve the types of programs they can solve, it isn't needed to do well at this level. He agrees they should encourage students to take higher level math classes to improve their problem-solving abilities.

Cyndy Walls motioned that the program is approved. Chae Sweet and Danielle Liautaud- Watkins seconded the motion.

The motion passed with 10 votes

IV. Old Business

> Approval of Minutes: January 20, 2022
> Cyndy Walls motioned to approve the minutes with minor changes made. Danielle Liautaud-Watkins seconded the motion.
> The motion passed with 8 votes

V. Adjournment

The meeting was adjourned at 4:42 pm