Computer Science Department

Department Meeting: Friday, 1/9/2020, 2:00 pm – 3:00 pm

Faculty Present
Dr. Deborah Johnson
Dr. George Kodsey
Professor Melinda Lyles
Dr. Mary Myers, Chair
Dr. Roger Webster
Professor Barbara Perrine (adjunct faculty)

Staff/Guests
Jennifer Baker, Associate Dean
Judy Dantes, Instructional Assistant

Agenda

I. Textbook Selections
II. Funding
III. Learning Assessment Committee
IV. Assessments and Results
V. Fire Science App
VI. New Business

Meeting Minutes

I. Textbook Selections
   a. Faculty are happy with the Cengage product and would like to continue it next year.
   b. Dr. Myers will be asking for specific textbook information. We will share a common spreadsheet and input the selections.
   c. The goal for completion is February 17
II. Funding
   a. The computers for the computer science program need to be refreshed on all campuses (Thomas Edison, Charlotte and Collier). The computers in K-129 cannot run the software needed for the programming classes.
   b. Faculty are going to submit a list of items they need such as software and hardware beyond the classroom computers.
   c. Networking especially needs additional hardware – the current equipment is out of date.
III. Learning Assessment Committee
   a. Professor Melinda Lyles has agreed to serve as the representative.
   b. Faculty will still be responsible for defining SLO's and interpreting data results. Professor Lyles will make sure the department has the guidelines from the LAC.

      c. This item will be added to next month's agenda for further discussion among faculty.

IV.   Assessments and Results

      a. This item will be added to next month's agenda for further discussion among faculty.

V.   Fire Science App

      a. There was not enough time to discuss this. Dr. Psihountas will set up an initial meeting.

VI.   New Business

      a. Associate Dean Jennifer Baker

            i. Questioned the use of 3 languages in COP1000. The master course was set up so that C++, Python, or Java may be used. Dr. Kodsey said the main concept in this course are flowchart and pseudocode. For that reason, the easiest way which could help the students in their introductory programming level to convert the flowchart and Pseudocode to a real programming language is C++, In case if the instructor found his class has an advanced level, so he can add extra assignments related to java and python which help students to make a comparison between the three programming languages as an extra training.

           ii. There was a concern that students who use Java in COP1000 will have an advantage when they move into COP2800 (Java Programming). COP1000 teaches programming fundamentals that are language independent, so this is not an issue.

          iii. Professor Concerns

               1. The professor teaching COP2830 (HTML II) is teaching the same content as is in COP1822 (HTML I).   Dr. Myers spoke with the Professor and Dr. Webster provided the COP1822 syllabus for review. Dr. Myers is working to get this sorted.

      b. Needs

            i. Dr. Myers asked faculty to provide a list of needs by 1/17. This will allow us to prioritize and prepare for Perkins funding requests.

           ii. Dr. Myers would also like a list of courses that faculty feel should be developed online.

      c. Expanding Online

            i. Dr. Kodsey would like us to explore adding additional online programming courses to meet student needs.

      d. CGS1100 vs. CGS2108

            i. A discussion was started on whether both classes are needed. Neither is a prerequisite for COP1000, so the department needs to decide whether to keep both or discontinue CGS2108.

      e. BAS Degree

            i. Dr. Myers asked for volunteers to work on the BAS degree this spring.

           ii. Collaborative meetings will be scheduled by Zoom.

Meeting adjourned at 3:00 pm