Annual Data Review and Unit Plan

Unit/Department Mission: (Same mission that appears in Unit Plan. Field expands as you type.)

The CIS Department offers degrees and certificates in Computer Science, Management Information Science, computer applications, web development, networking, security and programming. These degrees and certificates prepare students for transfer to 4-year institutions, job employment and advancement as well as aid in their personal development.

Data:

- Enrollments by Demographics
  - 5 year fall data for department, most recent year for division and college
- Successful Course Completion Rates
  - 5 year fall data for department, division, and college
- Productivity
  - 3 year fall data for department, division, and college
- Enrollment (WSCH)
  - 3 year fall data for department, division, and college
- Full time and Adjunct FTE
  - Current semester
- Staffing
  - Number of full-time faculty in department, years of hire,
  - Full-time/Adjunct staffing ratio
- Student Learning Outcomes, Program Learning Outcomes
  - Percentage of courses that have stated SLOs
  - Percentage of courses that assess for SLOs
  - Percentage of courses that plan based on assessment of SLOs
  - Percentage of programs that state and assess for PLOs
- College-wide data
- Department-specific data (local data)

Analysis of Data: (Fields expand as you type in them.)

1. Summarize significant trends, strengths, and weaknesses in the department as indicated by the data.

   Trends - The biggest significant trend in CIS is that enrollments and productivity are up in all of our sub-disciplines (Applications, Core, Networking, Security and Web). This is significant because approximately 5 years ago, CIS, nationwide, experienced a huge downturn in enrollments. Strengths - The CIS Department has strengths in many areas. First is the diversity of the full-time faculty to be able to teach across sub-disciplines. Second, the CIS Department carefully schedules classes to ensure that classes are offered with different delivery methods…face-to-face, online, hybrid, online with face-to-face help sessions. This, in turn, provides a broad range of options for students...
taking CIS classes. Third, all programs have PLO’s, all courses have SLO’s, and some courses are currently undergoing the assessment process. Weaknesses – the loss of full-time faculty, equivalent to 4.3 FTE over the last 3 years, has caused many of the CIS offerings to be taught by adjunct faculty. While the evaluation process ensures the adjunct faculty do a good job, they typically do contribute to the CIS department in other ways…serving on committees, attending department meetings, working on curriculum, etc. This causes an increased workload on the existing faculty members and also leads to a sense of lost continuity within the department.

2. Summarize actions the department will take as a response to the data.

To help perpetuate the upward enrollment trend, the CIS Department will:

- continue to schedule classes in such a way to best serve our students;
- continue to keep abreast of hardware and software trends to bring the latest technology to our students;
- adjust curriculum, learning outcomes and assessments as necessary, based on SLO assessment results;
- plan to hold an advisory committee meeting to discuss with industry representatives how to adjust our curriculum to meet the changing industry needs;
- plan to develop marketing materials to increase the community’s awareness of CIS programs;
- attend professional development activities to improve instructors’ knowledge of industry trends;
- request at least 1 new faculty member.

3. Summarize resources (staffing, equipment, and or facilities) the department will need.

Regarding staffing - the CIS Department will need at least one new faculty member to replace 1 of the 4+ who resigned/retired over the past 3 years. Regarding hardware - new switches and associated equipment are necessary to have current technology for networking classes and of course, the replacement of lab and faculty computers in accordance with the IT Resource plan. Regarding software – WordPerfect and other software for various web classes must be upgraded to newer versions. This is an ongoing expenditure. Regarding facilities - funds will be needed to remodel the back of B219 to make a more functional networking lab. Regarding Other - funds will be needed to support the development of marketing materials and for professional development activities for the CIS faculty.

Unit Plan:

The Unit Plan form is available as an Excel document.