



2015-16 End-of-Year Report Academic Department Success Plan

Department: Applied Engineering and Technology Management

Department Chair: Dr. Randy Peters

Person Primarily Responsible for Preparing this Report:
Dr. Randy Peters

Please answer the following questions in two or three pages and submit to your Dean by October 3. Your Dean will review and advance to Academic Affairs by October 10¹ and will offer you feedback by Oct. 17. This report will help inform your 2016-2019 Student Success Plan update that will be due to your Dean by Nov. 4.

1. Specific accomplishments/achievements this past year (briefly explain using bullet points, noting any changed/adapted):

- Addition of new advising plan for undergraduate advising in conjunction with the COT Student Services Office
- Continued recruitment and early outreach with students in conjunction with the Office of Admissions
- Began programming in conjunction with residential life on themed housing for AETM Students
- Continued support for students who need additional assistance in mathematics thru the COT Math Prep Program
- Continued participation in Destination Success, a COT pilot program that focuses on student success in COT female STEM students thru academic and career programming
- Continued with pilot SI program in COT that replaced COT Tutoring Center. In working with Student Success the department is utilizing SI's for MET 103 and MET 329. We will continue to track student outcomes in these classes and compare with historical data.
- Successfully held the first combined program Industrial Advisory Committee meeting for the department. This meeting set the standard for future annual combined meetings.
- Three programs achieved accreditation by the Engineering Technology Accreditation Committee (ETAC) of ABET. The Automotive Engineering Technology program received an initial accreditation for 6 years. The Packaging Engineering Technology program received an initial accreditation for 2 years and the Mechanical Engineering program received a re-accreditation for 2 years.
- The 4-year graduation rate by latest college and department exceeded the 27% goal.

2. Objective/Actions Not Achieved (briefly explain using bullet points):

Most of the objectives we set for last academic year seemed to have some degree of success. We plan to refine many of the items we worked on last year, and find additional areas of focus. The following are three examples:

- An alumni survey was crafted specific to the college of technology but has yet to be finalized.
- The exit survey for graduating seniors was put on hold as the potential duplication was being assessed with regard to the First Destination survey from the Career Center.
- Retention for 1st year freshmen, while still above the university average, decreased for the department. This requires further analysis to determine any root cause.

¹ Note that the Dean will request a refinement to the report if it is not suitably addressing the questions.

3. Looking ahead, briefly describe changes, additions, or subtractions that need to be made to your goals and/or action steps, including with respect to their linkage to student learning outcomes.

As a Department we are looking to identify the correct maximum number of students that can be taught in a section. We teach a wide variety of technology related courses, some that are mostly lecture based and some that are heavily hands-on laboratory intensive. Teaching methods are being explored to achieve the most desired outcomes while addressing the needs of the university for SCH production.

4. Do you see opportunity for this project to work more closely with another department, college, or unit such that greater impact might be possible (*briefly explain*)?

The AETM Department is currently engaged in a HLC Project to collaborate with other departments with regard to creating a common set of courses for ETAC of ABET programs that will foster the ability of students to change majors while maintaining the ability to graduate within four years.

5. Is there anything else about your initiative you feel important to detail?

We believe many of the objectives we set in our student success plans that are coordinated by the college and those that are specific to our department were successful last year. We plan to make some changes to some programming that we conducted last academic year, and begin to look closely with core courses for our engineering technology programs thru the quality initiative.