2016-17 Department Student Success Plan Assessment Report

Electronics and Computer Engineering Technology

Please answer the following questions in two pages and submit to your Dean by October 2. Your Dean will offer you feedback by Oct. 16 and advance final version[1] to Academic Affairs by October 20. This report will inform your 2017-18 Student Success Plan update that will be due to your Dean by Nov. 3. Previous report and plans can be found at this website: http://irt2.indstate.edu/cms7/sp16/index.cfm/department-plans/.

Person Primarily Responsible for Preparing this Report: Dr. Xiaolong Li

1. **Specific accomplishments/achievements this past year** (*briefly explain using bullet points, noting any changed/adapted*):
    1. We believe the initiatives put in place have had a positive effect on Course Completion Ratios.
        a. Increased undergraduate Course Completion Ratios (3.02%) from previous academic year for lower division courses.
    2. We believe the establishment of professional advising for 'Sophomores thru Junior First Semester' and 'Transfer Students' has had a positive effect on End of Term Performance.
        a. Increased spring average credit hour earned (0.16) from previous academic spring semester.
    3. New student orientation and early outreach, in conjunction with admissions has helped increase retention rates.
        a. Increased 1yr Retention (2.88%) by *Original* college/department from previous academic year.
        b. Increased 1yr Retention (11.68%) by *Latest* college/department from previous academic year
    4. Participated in New Student Orientation by talking with students/families in small groups about their chosen majors and answering academic content-related (and flight fees) questions for 25 minutes per NSO.
    5. Updated COT Residential Housing Program to link themed housing to specific learning communities/courses during the freshmen year.
    6. Participated in expanded pilot program "Destination Success." Destination Success focuses (with specific outcome-based objectives) on student success in COT female STEM students through academic and career and has been expanded to increase representation of a more diverse student population.
    7. Participated in planned retention/persistence events and programs in the COT. Each event was developed to assist students in gaining information (fall welcome, priority registration, career center services, last day to drop, It's on Blue, etc.) that will assist them in persisting.
    8. Attended weekend advising sessions to assist students take advantage of priority registration.
    9. Contacted students who are eligible to register, but have not; via email and newly implemented, via telephone.
    10. Contacted (email and letter to permanent address) sophomores, juniors, and seniors who show deficient on interim grade reports.
    11. Audited four-year plans and curriculum to ensure that unavoidable curricular barriers to programs are recognized, and a plan to assist students overcome barriers (without lowering academic rigor) is created.
    12. Continued with pre-graduation checks of all students who have applied for graduation so that deficient requirements can be met prior to graduation.
    13. Continued with pilot Supplemental Instructor program in COT to increase student success in gateway courses.
    14. Continued to use Graduate Assistants to help ECT faculty in ECT160, ECT167, ECT281, and ECT325.
    15. Have completed 2 year report for the CET ABET reaccreditation.
    16. Completed the ATMAE Reaccreditation for EET program.
    17. Started the HLC project and revised key ABET accredited/possible accredited course syllabi for all 100 and 200 level courses in the ECET department.

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2. **Objective/Actions Not Achieved** (*briefly explain using bullet points*):
The following goals have not been achieved: Increase articulation activity with university outside of USA, especially the university in China. The agreement has not been approved by the risk management at the university.
We are still working on the following goal: continuous curriculum improvement on Electronics Engineering Technology and Automation and Control Engineering Technology to make sure the EET and ACET are ready for ABET in Fall 2018.

3. **Attention areas going forward as informed by 2016-17 retention, completion, course completion ratio, credit hour productivity, and D/F/drop rate data provided as well as other Blue Report or departmental data (briefly explain using bullet points).**

1. Decrease in upper division course completion ratio (-1.75%).
   a. Will examine DWF rates in upper division major specific courses to enhance student success.
2. Decrease in fall average credit hour enrolled (-0.33), fall average credit hour earned (-0.42), and spring average credit hour enrolled (-0.33) from previous academic fall and spring semesters.
   a. Will examine DWF rates in major specific courses and consult with faculty advisors and COT professional advisors to enhance student success.
3. Decrease in cohort size by *Original* (-36) and *Latest* (-36) college/department.
   a. While this decrease in enrollment was anticipated due to the recent changes with SACM students, we need to promote our programs more so that enrollment will stabilize or increase.
4. Decrease in graduation rate by *Original* (-6.65%) and *Latest* (-10.74%) college/department.
   a. Unusual increase in previous year. Will continue to monitor and expect increase in graduation rates with HLC Initiatives.