

Undergraduate Program-Specific Student Learning Outcome and Success Annual Report

I. Program Information

Program/Department: Industrial Technology Program/ Industrial Technology Department

Department Chair: Dr. Sanjay Kaul

Department Assessment Committee Contact: Dr. Nirajan Mani

II. Program-Specific Student Learning Outcomes (Educational Objectives) Assessed During This Last Academic Year

List ALL Program-Specific SLOs first, and the assessment timeline (annual or bi-annual) for assessing each program SLO.

Program SLO	Expected Timing of assessment (annual, semester, bi-annual, etc.)
Utilize Critical & Analytical Thinking	Semester
Solve Problems Innovatively	Semester
Communicate Effectively	Semester
Display High Ethical Standards	Semester
Apply Principles of Global Sustainability	Semester
Embrace Change Through Life-Long Learning	Semester
Apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined industrial technology activities	Semester

III. SLO Assessment

Using the table below, list and briefly describe the direct methods used to collect information assessing whether students are learning the core sets of knowledge (K), skills (S) and attitudes (A) identified as essential.

Dept. SLO #	Assessment description (exam, observation, national standardized exam, oral presentation with rubric, etc.)	When assessment was administered in student program (internship, 4th year, 1st year, etc.)	To which students were assessments administered (all, only a sample, etc.)
Utilize Critical & Analytical Thinking	Class-project submission & oral presentation with rubric	Every Semester	All Students
Solve Problems Innovatively	Exam/Quiz	Every Semester	All Students
Communicate Effectively	Oral presentation with rubric in-class and participation in the conference	Every Semester	All Students
Display High Ethical Standards	Observation, Exam	Every Semester	All Students
Apply Principles of Global Sustainability	Exam/Quiz	Every Semester	All Students
Embrace Change Through Life-Long Learning	Research and presentation, Exam/Quiz	Every Semester	All Students
Apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined industrial technology activities	Laboratory activities, Exam, Oral presentation with rubric, Portfolio	Every Semester	All Students

IV. Summary of Findings: Briefly summarize the results of the assessments and how do these compare to the goals you have set?

Other than GPA, what data/evidence is used to determine that graduates have achieved the stated outcomes for the degree? (e.g., capstone course, portfolio review, licensure examination)	Who interprets the evidence? What is the process? (e.g. annually by the curriculum committee)	What changes have been made as a result of using the data/evidence?
Portfolio Review/Class Project Report	Course instructors as per course-specific requirements	Proposed a new curriculum and get ABET accreditation
Observation of quality of designed model and prototype	Course instructors as per course-specific requirements	
	Feedback from graduates	
	Curriculum committee will determine the process and review annually	

Note: Curriculum committee will develop a process to review for the new proposed curriculum.

V. SSC Data

Indicate a student success performance measure(s) that the department identified as a key measure that it wants to improve. Freshman retention, bottleneck courses, graduation rates, at risk student retention etc.

Student Success Measure (data point from SSC)	Rationale for selection	Planned or Implemented Intervention	Current score/ Target Score
Reviewing data point from SSC		Reviewing data point to make plan	

Note: After getting ABET accreditation with new proposed curriculum, students will be able to appear FE exam and other concentration specific licensure exams.

VI. Phase I Data

Indicate department success performance measure(s) that the department identified as a key measure that it wants to improve (from phase 1 data).

Number of graduates, number of majors, credit production, substitutions etc.

Department Performance Measure (data point from Phase 1)	Rationale for selection	Planned or Implemented Intervention	Current score/ Target Score
Reviewing data point from SSC		Reviewing data point to make plan	

VII. Activities and Adjustments to/Deviation from the Department Assessment Plan

Describe any changes in the assessment plan including new SLOs, new assessments.

- Proposing a new curriculum using ABET Engineering Technology learning outcomes to guide course syllabi and assessment.
- Have had initial meetings with AGC in order to review the course syllabi of Construction Technology concentration
- Proposed reinstating advising board for each concentration in the Industrial Technology Program