

**Major Field Assessment Plan
B.S. Industrial Technology**

The mission of Southeastern Louisiana University is to meet the education and cultural needs, primarily of Southeast Louisiana, to disseminate knowledge and to facilitate life-long learning through quality instruction, research and service in a safe, student-centered environment.

The purpose of the B.S. in Industrial Technology is to prepare skilled and management-oriented technical professionals for manufacturing industries.

Goal 1

To prepare students to communicate with others in manufacturing industries.

Expected Outcome

Students completing the Baccalaureate degree in IT will communicate effectively, both orally and graphically.

Assessment

In competency tests administered following the completion of 300 and 400 level courses, students will score at least 75% on areas assessing their oral and graphical communications. Faculty and peers evaluate these presentations.

Goal 2

To help students learn to work together in groups.

Expected Outcome

Students completing the Baccalaureate degree in IT will be able to work in groups to implement, control, and/or solve technical manufacturing system problems.

Assessment

In competency tests administered following the completion of 300 and 400 level courses, students will score at least 75% on areas assessing their ability to work cooperatively in groups. Faculty and peers evaluate these presentations.

Goal 3

To provide students knowledge and skills in the field of Industrial Technology.

Expected Outcome

Students completing the Baccalaureate degree in IT will have skills and knowledge in implementing, controlling, and/or solving technical manufacturing system problems which will enable them to advance in positions in industry.

Assessment

- a. In competency tests administered following the completion of 300 and 400 level courses, students will score at least 75% on areas assessing their ability to implement, control, and/or solve technical manufacturing system problems. These presentations are evaluated by faculty and peers.
- b. In a departmental survey of graduates, 80% of graduates will indicate success after entering a position in industry.

Note: Department of Industrial Technology students obtain knowledge of non-US Countries regarding the impact and importance of the global economy as discussed in the I.T. 407 Quality Control/Quality Assurance course under the topic: International Organization for Standardization which created the “ISO 9000” standards to facilitate multinational exchange of products and services.