Engineering Technology Goals

· Engineering Technology program graduates will demonstrate competence and the ability to perform the technical skills necessary for employment in an Engineering Technology position.

· Engineering Technology program graduates will have acquired the necessary knowledge and skills to function as engineering technicians in a manufacturing setting.

· Engineering Technology program graduates will be prepared to pursue a Bachelors program in Engineering Technology and/or Industrial Management at schools such as IIT, Purdue and NIU.

Engineering Technology Program Outcomes

Upon successful completion of the Engineering Technology program, the graduate will be able to:

* Identify quality improvement methods used in the industry, including being able to develop your own process improvement action plans.

* Develop and roll out a product development plan from knowledge gained in coursework covering the various processes for manufacturing a product.

* Utilize various methods of measuring for the purpose of reverse engineering and quality assurance needs in the design build process.

* Analyze a piece-part drawing and make an appropriate listing of operations to obtain the desired part in the most cost and time efficient manner.

* Identify and take into account the applied physics principles that come into play in the design-build process of a manufactured product.

* Know your responsibilities as part of a design team and the ethics that should be practiced in this process, appreciating the overall human context in which Engineering Technology activities take place.

* Have the opportunity to advance in your careers and continue your professional development through four-year transfer programs offered at institutions, such as Illinois State University, Purdue University, Illinois Institute of Technology, Southern Illinois University and others with related programs around the country.