



TWO-YEAR DEGREE PROGRAM: **Engineering Technology**

Broadly trained technicians who understand the complex systems used in today's engineering and manufacturing industries are highly sought after. Students in this program are prepared for careers in engineering technology with a curriculum that includes Drafting, Mechanical CAD, Civil CAD, Architectural CAD, Solid Modeling, CNC Programming and Dimensional Metrology. Besides computer training, students focus on team building, math, and development of problem-solving skills.

If the following qualities describe you, a career in the Engineering Technology field might be a good choice:

- Detail-oriented
- Enjoy problem solving
- Analytical
- Like working with computers
- Confident use of algebra, geometry, trigonometry, and statistics in problem-solving

Engineering Technology Students Will:

- Participate in lab work in teams
- Create accurate CAD drawings in the mechanical, civil, and architectural fields
- Learn to accurately measure using a variety of precision measuring instruments in the mechanical and civil fields
- Attend field trips to local companies

Sample of Courses

- Mechanical Drafting
- Materials Science
- Mechanical CAD
- Machining Processes
- Geometry & Trigonometry

Sample of Career Opportunities

- CAD Technician
- Engineering Technician
- Quality Assurance Technician

Internship

All two-year students are required to complete a 336-hour internship providing them with on-the-job experience and a safety net of instructors to confide in if challenges occur. Many of our students are offered jobs upon completion of their internship.

Admissions Program Requirements

- High school transcripts, an equivalent or GED
- PSSA scores (HS graduates only)
- Two letters of recommendation from a current employer or teacher
- COMPASS scores
- Personal interview

Career Services

Our Career Services Office provides a wealth of resources and information to our students and graduates. We encourage our students to acquaint themselves with our office so we can help. Some of our services include:

- Hosting Job Fairs
- Creating Strong Employer Relations
- Inviting Business Guests to Speak
- Providing Job Search Classes

Financial Aid

South Hills School of Business & Technology understands that your education is an investment in your future. The Financial Aid staff will work with you to make sure you receive all aid for which you are eligible. For answers to your financial aid questions, please contact our financial aid office.