Engineering is about creating new solutions to existing or future problems. Engineers are problem solvers who employ science, math, analysis and synthesis to design unique and practical solutions to everyday problems. They must accomplish this often under the constraints of time, budgets, and safety and health issues. Engineers also must be concerned about the environmental, political and social impact their answers will create.

Engineering Science majors at Pitt-Bradford complete a two-year program that involves courses in engineering, chemistry, calculus, physics and English composition. After completing the two years students have many options available to further their studies in engineering. An associate degree can also help students enhance and advance in an already existing career or job.

PROFESSIONAL ORGANIZATIONS:

- The Institute of Electrical and Electronic Engineering (www.ieee.org)
- American Society of Civil Engineers (www.asce.org)
- American Society of Mechanical Engineers (www.asme.org)
- American Society of Chemical Engineers (www.aiche.org)

FIND OUT MORE ABOUT CAREERS IN ENGINEERING AT:

- Engineering Jobs, Jobs Source, Technical Jobs (www.engineerjobs.com)
- Try Engineering (www.tryengineer.org)
- Occupational Outlook Handbook (www.bls.gov/ocos027.htm)
- Career Services (www.upb.pitt.edu/career/aspx)
According to your Degree Progress Report in MY.PITT.EDU upon successful completion of the current term:

You will have EARNED _________ credit hours
You NEED _________ for 60 credit hours required for graduation.

NOTE: This guide is unofficial. Completing the requirements on this sheet does NOT guarantee degree completion. Official degree completion information can be found in MY.PITT.EDU. Contact your Faculty Advisor and/or the Registrar’s Office with questions or concerns.