

# ENGINEERING TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE

## Leading to the Associate in Applied Science Degree in Engineering Technology

This part-time degree program provides students with the opportunity to explore a variety of technology disciplines. With the advice and approval of their assigned academic advisor, students can customize a program of study to meet individual needs and interests in engineering, science, technology, and/or management.

Graduates of this program may enter Wentworth's part-time bachelor's degree program in Project Management. Admission to full-time bachelor's degree programs would require specific technical electives. Consultation with the student's assigned academic advisor is essential to degree planning.

### Program Educational Objectives

After graduation, program graduates should demonstrate these abilities:

- Career: Advance their career in a professional field
- Lifelong learning: Exhibit an interest in advancing their knowledge through completing additional degrees or by pursuing professional development

### Student Outcomes

Students should demonstrate the following abilities upon graduation:

1. an ability to apply knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline
2. an ability to design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the discipline
3. an ability to apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature
4. an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results; an
5. an ability to function effectively as a member of a technical team.

Total credits for degree: 60

Course	Title	Credits
Elective	Technical	4
Elective	Technical	4
Elective	Technical	4
Elective	Technical	4
Elective	Technical	4
Elective	Technical	4
Elective	Technical	3
<b>Total Credits</b>		<b>60</b>

Course	Title	Credits
ENGL2050	LITERATURE AND COMPOSITION	3
ENGL1050	ENGLISH COMPOSITION	3
MATH1005	COLLEGE MATHEMATICS A	3
MATH1035	COLLEGE MATHEMATICS B	3
MATH1065	COLLEGE MATHEMATICS C	3
PHYS1005	PHYSICS A	3
Elective	Humanities/Social Science	3
Elective	Technical	4
Elective	Technical	4
Elective	Technical	4