

Student Name:
Student ID #:

60-61 Hrs

General Education Core (15-16 Hours)

- ENGL 1013 Composition I **OR**
- ENGL 1013H Composition I, Honors
- CISQ 1103 Intro to Computer Info Systems
- XXXX XXX3 Social/Behavioral Science Elective

One of:

- ENGL 1023 Composition II **OR**
- ENGL 1023H Composition II, Honors
- ENGL 2013 Technical Writing

And One Of:

- MATH 1203 College Algebra- Accelerated
- MATH 1204 College Algebra
- MATH 1204R College Algebra w/Review

Technical Support Courses (13 Hours)

- ENSC 2453 Internship in Environmental Sciences
- MATH 1213 Plane Trigonometry (or Higher MATH)

One of:

- MGMT 1003 Introduction to Business
- BUTR 1023 Business Foundations

And One Of:

- PHYS 1064 Introduction to Physics
- PHYS 2014 College Physics I **OR**
- PHYS 2014H College Physics I, Honors

Degree Emphasis Courses (24 Hours)

- ELT 1103 DC/AC Current Fundamentals**
- ELT 1203 Digital Electronics**
- ELT 1313 Industrial Automation & Robotics**
- ELT 2103 Solid State Devices**
- ELT 2203 Process Control**
- ELT 2313 Programmable Logic Controllers**
- ELT 2403 Motors for Technicians**
- ELT 3113 Electronics Troubleshooting**

Directed Electives (Choose 8 Hours)

- COMM 1303 Public Speaking **OR**
- COMM 1303H Public Speaking, Honors
- ENSC 2303 Haz-Mat Control & Emergency Response
- ENSC 2301L Haz-Mat Control & Emergency Response Lab
- ENSC 2413 Environmental Compliance Documentation
- ENSC 2703 Fundamentals of Industrial Hygiene
- ENSC 2911 Environmental Special Problems

- GNEG 1103 Introduction to Engineering
- MATH 1003 Survey of Technical Math
- MTCM 1003 Communication & Math for Workforce Readiness AND
- MATH 1001 Special Topics in Survey of Technical Math
- MPAX 2901 EAST Project- Independent Study
- OSHA 2203 OSHA General Industry Standards
- OSHA 2003 Introduction to Occupational Health & Safety
- PHYS 2034 College Physics II

May Choose One Of:

- CHEM 1024 Basic Chemistry
- CHEM 1074 Fundamentals of Chemistry

May Choose One Of:

- ELT 3513 Intro to Machine Tool**
- ELT 4103 Advanced Programmable Logic Controllers**

>>>Check the college catalog for possible prerequisites before enrolling in classes>>>

POSSIBLE PLACEMENT REQUIREMENTS

These courses are for developing college level skills.

**Students scoring 77 or below on the Accuplacer Reading Placement Test or 18 or below on the ACT Reading Placement Test shall enroll into either ENGA 0033 or ENGA 0091 during their first or second semester in college and each subsequent semester, if necessary, until the course is successfully completed.

NWACC strongly recommends that students enroll in English and math preparatory courses within the first two semesters.

- MATH 0013 Pre-algebra
- MATH 0023 Developmental Math
- MATH 0053 Beginning Algebra
- MATH 0063 Algebra I
- MATH 0073 Algebra II
- MATH 0064 Foundations of Math Reasoning
- MATH 0103 Intermediate Algebra
- MATH 0214 Foundations of Algebra-STEM
- ENGA 0033 College Reading**
- ENGA 0063 Intermediate Writing
- ENGA 0091 Academic Literacy Lab**

These hours will not fulfill any degree requirements at NWACC. These courses will not transfer to a four year institution.

Notes:

****Designates NTI course work.**

This degree is a partnership between NTI & NWACC.

NTI courses must not be 30 or more credit hours for the entire degree.