

Student Name:

Student ID #:

60 hrs

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

General Education Required Courses (18 Hours)
Recommended Sequence:
 CISQ 1103 Intro to Computer Information OR Computer Competency Testing
 ENGL 1013 Composition I
 ENGL 1023 Composition II
 COMM 1303 Public Speaking OR
 COMM 2503 Small Group Communication
 MATH 1203 College Algebra OR
 MATH 1203R College Algebra w/Review
 XXXX XXX3 Social/Behavioral Science Elective*

CAD Required Courses (24 Hours)
 DRFT 1122 CAD Careers and Applications
 DRFT 1234 Engineering Graphics I
 DRFT 2114 AutoCAD I
 DRFT 1244 Engineering Graphics II
 DRFT 2154 AutoCAD II
 DRFT 2333 **AutoCAD III**
 BADM 2703 Internship Experience

Honors and Global Studies courses will meet degree requirements where applicable.

POSSIBLE PLACEMENT REQUIREMENTS
 These courses are for developing college level skills.
 **Students scoring 77 or below on the Accuplacer Classic Reading, 251 or below on the Accuplacer Next Generation 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 0012 Foundations of Quantitative Literacy
- MATH 0013 Pre-algebra
- MATH 0023 Developmental Math
- MATH 0053 Beginning Algebra
- MATH 0063 Algebra I
- MATH 0073 Algebra II
- MATH 0103 Intermediate Algebra
- MATH 0214 Foundations of Algebra-STEM
- ENGA 0033 College Reading**
- ENGA 0063 Intermediate Writing
- ENGA 0091 Academic Literacy Lab**
- ENGC 0033 College Reading & Vocabulary
- ENGC 0043 Communication & Culture
- ENGC 0063 Intermediate Writing

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

Architectural Design Option (18 Hours)
Architectural Design Required Courses (12 Hours):
 DRFT 2253 **Architectural Appreciation**
 DRFT 2233 **Bldg. Info. Mod I**

 DRFT 2353 **Residential Construction Drawing**
 DRFT 2363 **Commercial Construction Drawing**

Architectural Design Elective Courses (6 Hours):
 ART 1323 Three Dimensional Design
 ART 1333 Two Dimensional Design
 CISM 1223 Photoshop
 CISM 2123 Web Page Design
 CST 1313 Materials of Construction
 CST 2213 Construction Methods I
 DRFT 2283 Building Info. Modeling I
 DRFT 2533 Parametric Modeling I
 DRFT 2593 Modeling and Presentation
 DRFT 2493 Building Systems
 DRFT 2263 Civil Engineering Fundamentals

Civil Design Option (18 Hours)

Civil Design Required Courses (12 Hours):
 CST 2513 Surveying
 DRFT 2263 Civil Engineering Fundamentals
 DRFT 2403 Site Planning and Land Development
 GEOS 2943 Intro to Geographic Information Science (GIS)

Civil Design Elective Courses (Choose 6 Hours):
 ART 1323 Three Dimensional Design
 ART 1333 Two Dimensional Design
 CST 1313 Materials of Construction
 CST 2213 Construction Methods I
 DRFT 2593 Modeling and Presentation
 DRFT 2233 Building Information Modeling I
 DRFT 2293 Computer Aided Manufacturing

Mechanical Design Option (18 Hours)
Mechanical Design Required Courses (12 Hours):
 DRFT 2533 Parametric Modeling I
 DRFT 2523 Intro to Geometric Dimensioning & Tolerancing
 DRFT 2123 Advanced Engineering Graphics
 DRFT 2343 Design and Production Technology

Mechanical Design Elective Courses (Choose 6 Hours):
 ART 1323 Three Dimensional Design
 ART 1333 Two Dimensional Design
 BLAW 2013 Legal Environment of Business I
 CISM 1223 Photoshop
 CISM 2123 Web Page Design I
 CST 1313 Materials of Construction
 CST 2213 Construction Methods I
 DRFT 2293 Computer Aided Manufacturing
 DRFT 2543 Parametric Modeling II
 DRFT 2553 Parametric Modeling w/Solidworks
 DRFT 2593 Modeling and Presentation
 GNEG 1103 Introduction to Engineering

Notes:

*Social/Behavioral Science Elective Options:
 ANTH 1023, CMJS 2013, ECON 2013, ECON 2023, GEOG 1003, GEOG 1123, HIST 1003, HIST 1013, HIST 1043, HIST 2003, HIST 2013, PHIL 2003, PHIL 2033, PLSC 2803, PSYC 2003, PSYC 2103, SOCI 2013, SOCI 2033, SOCI 2043.

15 hours must be earned at NWACC to graduate.

Not all courses are available each semester; consult catalog to aid in planning.