

Student Name:

Student ID #:

60 hrs

&gt;&gt;&gt;Check the college catalog for possible prerequisites before enrolling in classes&gt;&gt;&gt;

**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 1233 Engineering Graphics
- DRFT 2114 AutoCAD I
- DRFT 2183 AutoCAD Civil 3D
- DRFT 2234 Building Information Mod. I
- DRFT 2534 Parametric Modeling I
- DRFT 2593 Modeling & Presentation
- BADM 2703 Internship Experience

**Architectural Design Option (18 Hours)****Architectural Design Required Courses (12 Hours):**

- DRFT 2253 Architectural **Appreciation**
- DRFT 2283 Building Information Modeling II
- DRFT 2353 Residential Construction Drawing
- DRFT 2363 Commercial Construction Drawing

**Architectural Design Elective Courses (6 Hours):**

- ART 1313 Design 1 (Illustrator)
- ART 1323 Three-Dimensional Design
- ART 1333 Two-Dimensional Design
- ART 2273 3-D Animation
- ART 2313 Computer Apps in Fine Art
- BLAW 2013 Legal Env. Of Business I
- CISM 1223 Photoshop
- CISM 2123 Web Page Design
- CST 1313 Materials of Construction

**POSSIBLE PLACEMENT REQUIREMENTS**

These courses are for developing college level skills.

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 0131 Comp Review

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

**Architectural Design Elective Courses (6 hrs)  
(Continued)**

- CST 2213 Construction Methods I
- CST 2513 Surveying
- DRFT 2123 Machine Design
- DRFT 2154 AutoCAD II
- DRFT 2213 Rapid Prototyping
- DRFT 2263 Civil Engineering Fundamentals
- DRFT 2293 Computer Aided Manufacturing
- DRFT 2343 Design & Production Technology
- DRFT 2403 Site Planning & Land Development
- DRFT 2493 Building Systems
- DRFT 2543 Parametric Modeling II
- DRFT 2553 Parametric Modeling with Solidworks
- GEOS 2493 Intro to Geometric. Info. Sci. (GIS)
- GNEG 1103 Introduction to Engineering

**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 2493 Intro to Geographic Information  
Science (GIS)

**Civil Design Elective Courses (Choose 6 Hours):**

- ART 1313 Design 1 (Illustrator)
- ART 1323 Three-Dimensional Design
- ART 1333 Two-Dimensional Design
- ART 2313 Computer Applications In Fine Art
- ART 2273 3D Animation
- BLAW 2013 Legal Env. Of Business I
- CISM 1223 Photoshop
- CISM 2123 Web Page Design
- CST 1313 Materials of Construction
- CST 2213 Construction Methods I
- DRFT 2123 Machine Design
- DRFT 2154 AutoCAD II
- DRFT 2253 Architecture Appreciation
- DRFT 2283 Bldg. Information Modeling II
- DRFT 2293 Computer Aided Manufacturing
- DRFT 2343 Design and Production Tech.
- DRFT 2353 Residential Construction Drawing
- DRFT 2363 Commercial Construction Drawing
- DRFT 2493 Building Systems
- DRFT 2543 Parametric Modeling II
- DRFT 2553 Parametric Model. with Solidworks
- DRFT 2213 Rapid Prototyping
- GNEG 1103 Introduction to Engineering

**Mechanical Design Option (18 Hours)****Mechanical Design Required Courses (12 Hours):**

- DRFT 2123 Machine Design
- DRFT 2343 Design & Production Technology
- DRFT 2543 Parametric Modeling II
- DRFT 2213 Rapid Prototyping

**Mechanical Design Option (cont.) (18 Hours)****Mechanical Design Elective Courses (6 Hours):**

- ART 1313 Design 1 (Illustrator)
- ART 1323 Three-Dimensional Design
- ART 1333 Two-Dimensional Design
- ART 2313 Computer Applications in Fine Art
- ART 2273 3D Animation
- 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
- CST 2513 Surveying
- DRFT 2154 AutoCAD II
- DRFT 2253 Architecture Appreciation
- DRFT 2263 Civil Engineering Fundamentals
- DRFT 2283 Building Information Modeling II
- DRFT 2293 Computer Aided Manufacturing
- DRFT 2353 Residential Construction Drawing
- DRFT 2363 Commercial Construction Drawing
- DRFT 2403 Site Planning & Land Development
- DRFT 2493 Building Systems
- DRFT 2553 Parametric Modeling w/Solidworks
- GEOS 2493 Intro to Geographic Info. Science (GIS)
- GNEG 1103 Introduction to Engineering

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

**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.