NorthWest Arkansas Community College

Technical Certificate Integrated Design 2021

Student Name: Student ID #:

25-26 Hours

ENGL 1013	Composition I	

General Education (6 Hours)

MATH 1003 Survey of Technical Math

higher level math

ART 1323 3D Design
DRFT 1233 Engineering Graphics

AND

CST 1313 Materials of Construction

Integrated Design Core Courses (9 Hours)

CST 1323 Introduction to Craft Skills

Integrated Design Directed Electives (10 hours)

Choose any THREE courses from any of the options below:

Visual Arts Options:

ART 1303 Drawing I ART 1313 Design I

ART 1333 Two Dimensional Design

ART 2203 Sculpture ART 2343 Color Theory

ART 2603 Professional Practices in Fine Art

Construction Options:

CST 2213 Construction Methods I CST 2223 Construction Methods II

CST 2413 Estimating CST 2513 Surveying

CST 2523 Project Scheduling

CST 2423 Construction Codes and Regs

Computer Aided Design Options:

DRFT 2114 AutoCAD I DRFT 2183 AutoCAD Civil

DRFT 2534 Parametric Modeling I DRFT 2593 Modeling and Presentation

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

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.

 \square MATH 0012 Foundations of Quantitative Literacy

□MATH 0013 Pre-algebra
□MATH 0023 Developmental Math
□MATH 0053 Beginning Algebra
□MATH 0063 Algebra I

□MATH 0003 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 0033 Confige Reading & Vocabular □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

INTEGRATED DESIGN is robust, technical training from three disciplines/degrees that traditional and non-traditional degreeseekers alike can use to focus on an enhanced skill set and actualize through professional practices and business acumen. At every point, students will have the opportunity to gain NCCER certification in multiple craft options.

Examples of Integrated Design programming skills for employability:

- 1. Tradeshow exhibit designs
- 2. Retail floor design
- 3. Product/packaging design
- 4. Prototyping for Fine Arts exhibits, venues, and layouts
- 5. Retail management and merchandising
- 6. Architectural design sensibility