

Northwest Arkansas Community College
Business and Computer Information Systems Division

Discipline Code

DRFT

Course Number

2283

Course Title

Building Information Modeling II

Catalog Description

This course builds on basic skills and focuses on the more advanced concepts of Revit. Topics include creating custom component families, conceptual massing, linking models, design options, phasing, advanced modeling techniques, model groups, creating custom annotation families, and advanced rendering techniques.

Prerequisites

DRFT 2234

Credit Hours

3 credit hours

Contact hours

45 contact hours

Load hours

3 load hours

Semesters Offered

Fall

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students will:

- Create custom building components
- Use parameters to drive model geometry
- Create Conceptual Design Models for Analysis
- Create different options for one project
- Create complex designs using advanced modeling techniques
- Customize annotations and documentation
- Create presentation documents

General Education Outcomes Supported

None

Standard Practices

Topics list

- Component Family Modeling
- Parametric Family Modeling
- Hosted Family Modeling
- Conceptual Massing
- Linked Models
- Design Options and Phases
- Model Groups
- Annotation Families
- Schedules
- Renderings

Learning activities

Assessments

- Assignments
- Quizzes
- Final Project

Grading guidelines

- A = 90-100%
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = 0-59%