

## CAD Department Course Outline

### DRFT 2253 – Architectural Design (S)

#### ***Catalog Description:***

This course provides an overview of American architectural design from Native American and immigrant roots to present day including the factors that have influenced this design. Construction techniques and the characteristic design elements of architectural styles will be introduced. Emphasis will be on how geography, climate, availability of materials, financial and political trends, and innovations in technology have affected construction over time.

#### ***Prerequisites:***

None

#### ***Credit hours/Contact Hours/Load hours:***

3/3/3

#### ***Target Audience/Transferability:***

This course is required for students pursuing an AAS degree in CAD with the Architecture option and is non-transferable

#### ***Student Learning Outcomes:***

Students will:

- Describe the historical influences that shape the way residences and commercial buildings are designed
- Identify the major elements of buildings
- Describe the current trends in architecture
- Identify architectural detailing and explain the style and time period it suggests
- Define the terminology for building components

#### ***Topics:***

- The history of architectural design in the modern and post-modern world
- Factors that have dictated design including needs and uses, available materials, climate and weather, and technology
- Lessons from the past to aid in today's sustainability trend
- Architectural styles and their characteristic design elements
- Elements of construction including roofs, windows, front doors, and design details
- Residential verses commercial construction design considerations
- Urban, rural, and suburban design considerations

***Forms of Assessment:***

- Tests/quizzes on architectural terms, design styles, and building codes
- Individual design project that compares/contrasts two periods of architectural design in NWA
- Group project
- Presentations of projects
- Peer reviews

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