

ARCHITECTURAL TECHNOLOGY (ARCE)

ARCE 1421

Architectural Illustration

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This course covers architectural illustration and rendering techniques. Emphasis is on architectural structures in 3-D either by freehand drawing or computer software, perspectives, delineation in various media, and development of students' graphical expression. It includes an introduction to various reproduction methods.

Prerequisite: None.

ARCE 1452

Structural Drafting

CRT HRS:4 LEC HRS:3 LAB HRS:3 OTH HRS:0

This course is a study of structural systems including concrete foundations and frames, wood framing and trusses, and structural steel framing systems. It includes detailing of concrete, wood, and steel to meet industry standards including the American Institute of Steel Construction and The American Concrete Institute.

Prerequisite: DFTG 1315 and DFTG 2419.