

# ARCE - DRAFTING

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**ARCE 1303 Architectural Materials and Methods of Construction 3 Credit Hours (2 Lec, 2 Lab)**

Properties, specifications, vendor references, and uses of materials as related to architectural systems of structures.

Course Type: Technical/Vocational Course

**ARCE 1321 Architectural Illustration 3 Credit Hours (2 Lec, 4 Lab)**

Architectural drawing and sketching. Emphasizes architectural structures in 3-D or pictorially either by hand or computer software.

Course Type: Technical/Vocational Course

**ARCE 1342 Codes, Specifications, and Contract Documents 3 Credit Hours (2 Lec, 3 Lab)**

Study of ordinances, codes, and legal documents as they relate to specifications and drawing. Discussion of owner-architect-contractor responsibilities, duties, and legal relationships.

Course Type: Technical/Vocational Course

**ARCE 2444 Statics and Strength of Materials 4 Credit Hours (2 Lec, 4 Lab)**

Internal effects of forces acting upon elastic bodies and the resulting changes in form and dimensions. Includes stress, shear, bending moments, and simple beam design. (Formerly ARCE 2344) Prerequisite: DFTG 1305

Course Type: Technical/Vocational Course