NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
ARC 134 – CONSTRUCTION METHODOLOGY & PROCEDURES II (3 CR.)

Course Description

Studies materials and systems for building construction. Includes specification of materials and installation procedures; types of specifications and writing procedures; bidding procedures; and contract documents. Lecture 3 hours per week.

General Course Purpose

The purpose is to introduce non-structural and finish materials for buildings and methods of installation. It will also develop an understanding of purpose and principles of specifications, methods of writing, associated legal documents and bidding.

Course Prerequisites/Co-requisites

Familiarity with architectural drawings and building construction.

Course Objectives

Upon completion of this course, the student will be able to:

- understand and develop a knowledge of non-structural building materials and details of use
- Understand and develop techniques of writing specifications
- research information needed to write a specification section for a building material or product
- write a three-part specification section
- utilize a master specification for special preparation

Major Topics to be Included

a. Building enclosure materials and installation
b. Interior finish materials for buildings
c. Specification concepts
d. Specification research
e. Specification writing
f. Use of master specification systems
g. Bidding documents
h. General and supplementary conditions
i. Change orders and addenda