

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
IDS 130 – INTRODUCTION TO KITCHEN AND BATH DESIGN SYSTEMS (3 CR.)

Course Description

Introduces quality kitchen and bath design elements in accordance with recognized industry standards. Presents basic components of kitchen and bath design, including assessment of existing conditions and construction systems, measurement, product selection, specification, and communication of the design. Teaches coordination of kitchen and bath design with existing structural, electrical, mechanical, plumbing, and ventilation systems. 3 lecture hours. 3 hours per week.

General Course Purpose

The purpose of this course is to introduce components of kitchen and bath design, including assessment of existing conditions and construction systems, measurement, product selection, specification, and communication of the design. The course is designed to teach students how to coordinate kitchen and bath design with existing structural, electrical, mechanical, plumbing, and ventilation systems.

Course Prerequisites/Corequisites

Prerequisites: IDS 100 and IDS 105.

Course Objectives

Upon completing the course, the student will be able to:

- a) define the elements and principles of interior design as they relate to kitchens and bath projects
- b) apply fundamentals of good design to a kitchen and bath design project
- c) interpret and apply relevant resources such as NKBA Planning Guidelines
- d) analyze and use typical architectural terms and symbols as used in kitchen and bath construction documents
- e) recognize standard building components used in basic kitchen/bath construction
- f) specify appropriate construction materials for various kitchen and bath applications
- g) explain the components required for a comprehensive set of kitchen and bath drawings
- h) create and present basic kitchen and bath design plans

Major Topics to be Included

- a) Elements and principles of interior design related to kitchen and bath
- b) Basics of residential space planning
- c) Design criteria
- d) National Kitchen and Bath (NKBA) Planning Guidelines
- e) Residential construction systems and methods
- f) Systems coordination (mechanical, electrical, plumbing, ventilation)
- g) Building materials substrates and installations
- h) Specification of materials for kitchens and baths
- i) Project constraints and opportunities
- j) Client communication and project management