DESIGN STUDIES

DESIGN STUDIES 10: COMPUTER ASSISTED DESIGN - (6 credits)

Design Studies is strongly recommended to students planning a career in drafting, engineering, architecture or interior design. Introductory Design Studies introduces the student to drafting and computer aided drafting (CAD). This course provides the student with an overview of drafting fields and the types of work performed by drafts people in industry. The student learns primarily through drafting projects consisting of single view, multi-view (orthographic projection), dimensioning, sectional views, auxiliary views, pictorial views and modeling perspective drawing assignments. The course is designed to be self-paced, self-directed with co-operative learning.

DESIGN STUDIES 20: RESIDENTIAL DESIGN/DRAFTING - (6 credits)

Prerequisite: Design Studies 10

Studies offers an excellent background for prospective interior design, architecture or architectural technology students. Using computer aided design software; the student prepares complete working drawings and 3D model of a single-family residence of their own design within the parameters set by the instructor. Emphasis is placed on design (practical, functional, efficient, and realistic), materials, building standards, and architectural symbols.

DESIGN STUDIES 30: ARCHITECTURAL DESIGN – (6 credits)

Prerequisite: Design Studies 20

Design Studies Advanced allows the student to further explore the design process and drafting techniques as it relates to their own particular project. Research and design projects may include (but are not limited to) architectural, mechanical and interior design.