

Course Outline**Winter 2005**

Division: Business, Engineering & Information Technology	
Program/Dept: Architectural Engineering Drafting	
Course Number: TDR 144	Credits: 5.0 Variable:
Course Title: Design and Construction Environment	
Inst. Intent: 21 Vocational Preparatory	CIP: 15.1304
Fee: None Type:	

Degree/Certificate Requirement:	Yes
Name of Degree/	Architectural Engineering Drafting
Certificate Requirements:	Associate of Applied Science Degree
Distribution Requirement for AA/AAS:	Yes
Transfer Status to 4-year institution:	No.
If yes, please describe:	
Course Length: Based on 11 wks/qtr.	Class Size: 24
Course Contact Hours: 55 hrs.	
Lecture: 55	Lab: Clinical: Other:
Prerequisite: None	If yes, please describe:
Required Placement Tests: No	If yes, please describe:
Comments:	

Course Description:

Introduces basic organizational, business and legal aspects of the construction/design industry. Includes business forms, contractual obligations, employment issue, registration duties to the public, safety and other issues, which may affect business.

Course Outcomes/Learning Objectives:

1. To introduce the student to the basic relationships of the various participants in the design and construction industry.
2. To provide the student with introductory knowledge of basic business concepts.
3. To introduce the student to the regulatory environment which effects the design and construction industry.

NSCC General Education Outcomes and/or Related Instructional Outcomes (for technical courses) Met by Course:

- Outcome 4. Demonstrate the ability to access, evaluate and apply information from a variety of sources and a variety of contexts.
- Outcome 11. Identify and ability to understand the nature of the individual and of the relationship between self and community.
- Outcome 12 Identify and understand the United States as a multicultural society.

Topical Outline and/or Major Divisions:**I Introduction to TDR 144**

- A. Course content
- B. Class procedures
- C. Course objectives

II Introduction to Construction and Design Industry

- A. Design professionals
 1. Design process
 2. Contractual relationships
- B. Financing
- C. Construction Contractor
 1. Contractual obligation to owner
 2. Subcontractors

III. Introduction to Basic Business Relationships

- A. Business forms
- B. Performance and liabilities
- C. Employment issues

IV. Introduction to Regulatory Environment

- A. Licensing and registrations
- B. Permitting processes
 1. Public policies and individual limits
 2. Local permit requirement
- C. General public protection

V. Introduction to Real Property Issues**VI. Evaluations**

Course Requirements (Expectation of Students):

Attendance and active participation in assignments, projects and quizzes.

Methods of Assessment/Evaluation:

To be determined by instructor.

Required Text(s) and/or Materials:

Construction Law, B. Samuels, Prentice Hall ISBN 0-13-325192-6

Supplemental Text(s) and/or Materials:

Fundamental of Building Construction, Materials and Methods, 3rd Edition; Edward Allen; John Wily & Sons, Inc. ISBN 0-471-18349-0

Outline Developed by: James Wall

Date: 8/84

Revised by: James Wall

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