

Bergen Community College
Division of Math, Science and Technology
Department of Industrial & Design Technology

Course Syllabus
DFT 263 Architectural Design

Semester and year:
Course Number:
Meeting Times and Locations:

Instructor:
Office Location:
Phone:
Office Hours:
Email Address:

COURSE DESCRIPTION:

DFT 263 Architectural Design explores the relationships among the environmental, functional, formal and technological dimensions of architecture.

2 lectures, 2 labs, 3 credits

Prerequisites: DFT 262 Architectural Drafting

Co-requisites: None

STUDENT LEARNING OBJECTIVES:

As a result of meeting the requirements in this course, students will be able to:

Student performance on these objectives will be measured by:

1. Examine design principles.	Performing a site analysis, case studies and program analysis for a large building.
2. Develop a conceptual frame-work for an architectural design.	Preliminary design drawings.
3. Translate this frame-work into a small-scale architectural design project.	Final design drawings.
4. Construct a complete building design, drawings, 3D model and illustration.	Final design presentation of 3D model and drawings.
5. Develop oral presentation skills.	Classroom presentations and final project presentation before a panel of practicing local architects.

COURSE CONTENT:	<u>TOPICS</u>	<u>CHAPTER</u>
	Primary elements	1
	Form	2
	Form and space	3
	Organizations	4
	Circulation	5
	Proportion	6
	Scale	6

TEXTBOOK: Architecture: Form, Space & Order, 3rd edition, Ching, Francis, D.K. Van
 Nostrand Reinhold Publishers, 2007

EVALUATION:	A. Semester Building Project90%
	B. Class Participation..... 10%
	TOTAL 100%

DRAWING REQUIREMENTS:

In addition to design development sketches and drawings, the following presentation drawings are required:

- Site plan
- Floor plan
- Elevations
- Model

Presentation drawings can be in any style or medium but must convey the student's intent and design solution thoroughly. Oral presentation will be made to the class by each student on his/her project.

ATTENDANCE POLICY:

Attendance will be taken twice during each class period. The first attendance for the lecture portion of the class will be at the beginning of each class. The second attendance, for the laboratory portion of the class will be taken at 11:30 a.m. for classes beginning in the morning, 5:15 p.m. for classes beginning early afternoon, and 9:45 p.m. for evening classes.

If a student is absent from the lecture portion of the class, it will be recorded as an absence for the entire class period. If a student is absent from the laboratory portion of the class, it will be recorded as an absence from that portion of the class only.

A letter grade will be deducted from the class participation portion of your final grade for each absence beyond three absences from either portion of a class period.

SPECIAL NOTES:

A final grade cannot be assigned for the course until all drawings, projects and examinations for the course have been completed.

Make-up examinations will be administered in accordance with the instructor's and division's policy

FACULTY ABSENCE PROCEDURE: Please note well.

A daily listing will appear in the glass case located in the main hall A bldg. which will indicate all classes which are cancelled. Students can consult this case before going to class. If students find a class cancelled which has not been listed, they should report this to the divisional dean's office (A325) or to the evening/Saturday office (L113).

CALENDAR:

<u>Class Meeting</u>	<u>Date</u>	<u>Topic</u>	<u>Chapter</u>
1.	_____	Primary elements	1
2.	_____	Form	2
3.	_____	Form and space	3
4.	_____	Organizations	4
5.	_____	Circulation	5
6.	_____	Proportion & Scale	6
7.	_____	Case Study, Program analysis, Presentation	
8.	_____	Open Lab	
9.	_____	Preliminary Design Charette	
10.	_____	Open Lab	
11.	_____	Open Lab	
12.	_____	Final Design Charette	
13.	_____	Open Lab	
14.	_____	Open Lab	
15	_____	Final presentation	

All BCC students enrolled in credit courses are entitled to a WebAdvisor account. With WebAdvisor, you may register online, check your schedule, room assignments, GPA, and find out what courses you need to take. To find out more about WebAdvisor or to sign up online, visit <http://go.bergen.edu>! While there, please make sure you give us your preferred email address. You'll find directions how to do this at <http://go.bergen.edu/email>.