REGULAR COURSE SYLLABUS

School of: Professional Studies

Department: Engineering Technology

Prefix & Course Number: ARCH 3002

Course Title: Architectural Design – Studio 2

Banner course title (30 characters): Architectural Design Studio 2

Check All That Apply: Required for Major: X Required for Minor: Specified Elective: Required for Concentration: Elective: Service Course:

To receive Title IV financial aid funds, all institutions of higher education must comply with the federal definition of a credit hour. The Higher Learning Commission requires institutions to maintain policies and procedures for verifying compliance with this definition.

Federal Credit Hour Definition: A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than: (1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or (2) at least an equivalent amount of work as required in paragraph (1) of this definition for other activities as established by an institution, including laboratory work, internships, practica, studio work, and other academic work leading toward the award of credit hours. 34CFR 600.2 (11/1/2010)

Credit Hours: 3 (2+2)

Face-to-Face or Equivalent Hours per course:
Lecture 30 Lab 30 Internship Practicum Other (please specify type and hours):

Additional Student Work Hours per course: 90

Schedule Type: B Grade Mode: L

Variable topics umbrella course: No X Yes If Yes, number of credit hours allowed

APPROVED: [Signature] 12/17/2013

Department Chair OR Program Director 1-30-14

Dean OR Associate Dean 03/3/14

Associate VP, Academic and Student Affairs

*If crosslisted, attach completed Course Crosslisting Agreement Form
Prefix and Course Number: ARCH 3002

Specified repeatable course: No  Yes

Prerequisite(s): ARCH 2002 with grade “C” or better

Corequisite(s): none

Prerequisite(s) or Corequisite(s): none

Banner Enforced:
  Prerequisite(s): ARCH 2002 with grade “C” or better
  Corequisite(s): none
  Prerequisite(s) or Corequisite(s): none

Registration restrictions: Level ______ Class ______ Program/Major ______ Student attribute ______

Catalog Course Description:
This course provides a knowledge base in the theory and practice of architecture and urban design, focusing on complex architectural issues. Students will explore the relationship of public building design and urbanism. Students will gain insight into the connections between architectural projects and urban design, and overview urban planning history from its beginnings to the present. Students learn to create large-scale urban development projects through case studies that demonstrate design precedents, to procedure, to implementation.

Specific Variable Topics Course Description (if applicable, umbrella course description included above):

Required Reading and Other Materials will be equivalent to:

Required notes provided by faculty

Other Materials:

Specific, Measurable Student Behavioral Learning Objectives:
Upon completion of this course the student should be able to:
1. Apply architectural knowledge acquired in Architectural Studio 1 through larger scale tasks.
2. Analyze the complexity of building and urban design, including urban installation
3. Model large-scale urban development projects.
4. Apply architectural presentations, technical drawings, and modeling techniques.
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Detailed Outline of Course Content (Major Topics and Subtopics) or Outline of Field Experience/Internship (experience, responsibilities and supervision):

I. Public Building and Urban design
   A. History of Urbanism
   B. Basic knowledge of urbanism
   C. Types of space organizing
   D. Approaches of the urban design strategy
   E. Elements of Urbanism
   F. City rehabilitation

II. Analysis of case studies through urban and public building design and connections between
   A. Design History
   B. Design Procedure
   C. Design Implementation

III. Path of the Public Building and Urban Design
   A. The Location
   B. The Plot
   C. Installation/Settlement
   D. Form
   E. Space – Structures in the Building
   F. Program
   G. Function
   H. Materials of the Public Building
   I. Sustainability

IV. Planning Points, Project Parts
   A. Visual Communication Methods
   B. Graphic Examples

Evaluation of Student Performance:
1. Project
2. Exam
3. Homework
4. Oral presentations
5. Class participation