

Course Outline of Record

1. Course Code: ARCH-001
2. a. Long Course Title: Introduction to Architectural Professions
 b. Short Course Title: INTRO/ARCH PROFESSNS
3. a. Catalog Course Description:
 This course provides students with an overview of professional occupations in Architecture, Construction Management, Building Inspection Technology, City and Regional Planning, Architectural Engineering and Landscape Architecture.
 b. Class Schedule Course Description:
 This course provides students with an overview of professional occupations in Architecture, Construction Management, Building Inspection Technology, City and Regional Planning, Architectural Engineering and Landscape Architecture.
 c. Semester Cycle (if applicable): Fall
 d. Name of Approved Program(s):
 - ARCHITECTURAL TECHNOLOGY AS Degree for Employment Preparation
 - ARCHITECTURAL TECHNOLOGY Certificate of Achievement
 - ARCHITECTURAL TECHNOLOGY AS Degree and Transfer Preparation
4. Total Units: 3.00 Total Semester Hrs: 54.00
 Lecture Units: 3 Semester Lecture Hrs: 54.00
 Lab Units: 0 Semester Lab Hrs: 0
 Class Size Maximum: 30 Allow Audit: No
 Repeatability No Repeats Allowed
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:
 Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)
 Advisory: RDG 061 with a minimum grade of C
6. Textbooks, Required Reading or Software: (List in APA or MLA format.) *N/A*
7. Entrance Skills: *Before entering the course students must be able:*

Advisory skills:

a.

Use various reading strategies to prepare, read and comprehend expository text.

- RDG 061 - Use SQ3R &/or SOAR along with outlining, note-taking, mapping summarizing and other strategies to prepare, read, & comprehend expository text.

b.

Read a variety of texts fluently.

- RDG 061 - Read a variety of texts fluently.

c.

Write organized summaries & reactions that capture main idea and supporting details.

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d.

Understand multiple word meanings, uses & synonyms.

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8. Course Content and Scope:

Lecture:

- a. PROGRAM ORIENTATION & INTRODUCTION TO ENVIRONMENTAL DESIGN
- b. ARCHITECTURE
 - i. Professional Practice
 - ii. Education Requirements for Professional Degree
 - iii. Professional Licensing Requirements
 - iv. COD Architecture Program
 - v. Transfer Requirements for Upper-Division College Admission
 - vi. Required Occupational Skills for Job Placement
 - vii. Field Trips for Professional Office Visits
 - viii. Difference between Occupational Degree, Transfer Degree and Certificate
- c. CONSTRUCTION MANAGEMENT
 - i. Education Requirements
 - ii. Professional Licensing
 - iii. COD Construction Management Program
 - iv. Transfer Requirements for Upper-Division College Admission
 - v. Required Occupational Skills for Job Placement
 - vi. Field Trips to Construction Sites
 - vii. Difference between Occupational Degree, Transfer Degree and Certificate
- d. BUILDING INSPECTION TECHNOLOGY
 - i. Education Requirements
 - ii. Professional Licensing
 - iii. COD BIT Certificate Program
 - iv. Required Occupational Skills for Job Placement
 - v. Field trip to Construction Sites.
- e. ARCHITECTURAL ENGINEERING
 - i. Educational Requirements
 - ii. Professional Licensing
 - iii. Required Occupational Skills for Job Placement
 - iv. Field Trips to Construction Sites and Professional Offices
- f. CITY AND REGIONAL PLANNING
 - i. Professional Career Opportunities
 - ii. Educational Requirements
 - iii. Field Trips to City and Municipal Planning Offices
- g. LANDSCAPE ARCHITECTURE
 - i. Professional Career Opportunities
 - ii. Educational Requirements
 - iii. COD Horticulture Program
 - iv. Field Trips to Building Sites and Professional Offices

Lab: *(if the "Lab Hours" is greater than zero this is required)*

9. Course Student Learning Outcomes:

1. Internalize the interrelationship between the various design professions.
2. Create a personal education plan and evaluate career choices.
3. Analyze results of career assessment testing and evaluate career direction.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. Analyze results of an Assessment test that helps to define career pathways.
- b. Demonstrate organizational skills as a result of the DESIGN NOTEBOOK project.
- c. Understand the interrelationship between the various design professions.
- d. Create a Two-Year Learning Road Map; to include: courses required for a degree; associated costs; and study time

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requirements.

e. Evaluate career choice(s) based on comparing and contrasting the experience of various site visits to professional offices; Vocational Assessments; and individual advising with Program Advisor.

11. Methods of Instruction: (*Integration: Elements should validate parallel course outline elements*)

- a. Demonstration, Repetition/Practice
- b. Discussion
- c. Lecture

Other Methods:

a. Site Visits (Field Trips): Professional Offices; Architects, Engineers, Building Sites b. Vocational Assessments: Presented by Counseling Staff c. Review and Interpretation of Assessment Results by Counseling Staff d. DESIGN NOTEBOOK: Organizing System for Essays, Written Notes, Drawings and Sketches, Vocational Assessment Results

12. Assignments: (*List samples of specific activities/assignments students are expected to complete both in and outside of class.*)

In Class Hours: 54.00

Outside Class Hours: 108.00

a. In-class Assignments

a. Conduct semester-long feasibility study on a developed real estate property.

b. Out-of-class Assignments

a. Written Evaluation of Guest Lecturer b. Design Notebook c. Written Evaluation of Site Visits d. Meet with Advisor to develop short-term educational goal

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- College level or pre-collegiate essays
- Written homework
Written Assignments (Essays) resulting from Guest Lecturers and Site Visits
- Critiques
- Portfolios
Development of DESIGN NOTEBOOK (an on-going Portfolio project)
- Presentations/student demonstration observations
Student Presentations (Oral)
- Group activity participation/observation
Participation in Group Discussions and Presentations
- Product/project development evaluation
Development of Two-Year Learning Road Map Project
- Student participation/contribution

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO - Career and Technical Education

Apply critical thinking skills to execute daily duties in their area of employment.

Apply critical thinking skills to research, evaluate, analyze, and synthesize information.

Exhibit effective written, oral communication and interpersonal skills.

IO - Critical Thinking and Communication

Apply principles of logic to problem solve and reason with a fair and open mind.

Apply standard conventions in grammar, mechanics, usage and punctuation.

Appreciate diversity as it is expressed in multiple disciplines and across various cultures through reading, speaking and writing.

Conduct research, gather and evaluate appropriate information, organize evidence into oral and written

presentation, using proper MLA, APA, and other discipline-specific formats to cite sources.

Summarize, analyze, and interpret oral and written texts, with the ability to identify assumptions and differentiate fact from opinion.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
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17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: Required Material?

Material or Item	Cost Per Unit	Total Cost
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19. Provide Reasons for the Substantial Modifications or New Course:

Change the advisory and entrance skills to Reading 061 and 2-year periodic review.

- 20. a. Cross-Listed Course (Enter Course Code): *N/A*
- b. Replacement Course (Enter original Course Code): *N/A*

21. Grading Method (choose one): Letter Grade Only

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000305118
- b. T.O.P. Code [CB03]: 20100.00 - Architecture and Architec
- c. Credit Status [CB04]: D - Credit - Degree Applicable
- d. Course Transfer Status [CB05]: A = Transfer to UC, CSU
- e. Basic Skills Status [CB08]: 2N = Not basic skills course
- f. Vocational Status [CB09]: Possibly Occupational
- g. Course Classification [CB11]: Y - Credit Course
- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: *N/A*
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: Y - Not Applicable
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (if program-applicable): ARCHITECTURAL TECHNOLOGY,ARCHITECTURAL TECHNOLOGY,ARCHITECTURAL TECHNOLOGY

Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment

First Year: 30
 Third Year: 30

24. Resources - Faculty - Discipline and Other Qualifications:

- a. Sufficient Faculty Resources: Yes
- b. If No, list number of FTE needed to offer this course: *N/A*

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (Explain:)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

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Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

28. Originator Donbert M. Bitanga Origination Date 11/03/17