| **PROFESSOR:** | **PHONE NUMBER:** |
| --- | --- |
| **OFFICE LOCATION:** | **E-MAIL:** |
| **OFFICE HOURS:** | **SEMESTER:** |

1. **COURSE NUMBER AND TITLE, CATALOG DESCRIPTION, CREDITS:**

**BCT 2708 ADVANCED CONSTRUCTION PROJECT MANAGEMENT (3 CREDITS)**

Students will be expected to have a working knowledge of computers, Internet access, and a current email address. This course is an in-depth look at the challenges of coordinating and managing large-scale construction projects. Major topics include construction participants, contracts, pre-construction planning, bidding, negotiating, inspections, codes, safety, project closeout, and conflict resolution. Emphasis will be on the use of computer technology as a tool in the management process.

1. **PREREQUISITES FOR THIS COURSE:**

None

**CO-REQUISITES FOR THIS COURSE:**

None

1. **GENERAL COURSE INFORMATION:** Topic Outline.

• Unique Nature of Construction Projects

• Pre-construction Efforts Necessary to Properly Plan a Project

• Coordination and Planning Necessary to Properly Execute a Project

• Principles of Avoiding and Resolving Conflicts

1. **All courses at Florida SouthWestern State College contribute to the general education program by meeting one or more of the following general education competencies:**

**C**ommunicate clearly in a variety of modes and media.

**R**esearch and examine academic and non-academic information, resources, and evidence.

**E**valuate and utilize mathematical principles, technology, scientific and quantitative data.

**A**nalyze and create individual and collaborative works of art, literature, and performance.

**T**hink critically about questions to yield meaning and value.

**I**nvestigate and engage in the transdisciplinary applications of research, learning, and knowledge.

**V**isualize and engage the world from different historical, social, religious, and cultural approaches.

**E**ngage meanings of active citizenship in one’s community, nation, and the world.

**A.**  **General Education Competencies and Course Outcomes**

1. Listed here are the course outcomes/objectives assessed in this course which play an integral part in contributing to the student’s general education along with the general education competency it supports.

General Education Competency: **Evaluate**

Course Outcomes or Objectives Supporting the General Education Competency Selected:

* Evaluate the types of financing available and the processes of obtaining project financing in given scenario.

**B.** **Other Course Objectives/Standards**

* Identify the participants in a construction project and describe the roles that they play in the process.
* Analyze the different types of contracts and identifying the correlation to the appropriate participant.
* Identify different types of construction permits and discuss the processes of obtaining those permits in a given situation.
* Analyze the bidding process, including pre-qualification of bidders, preparation of the bid documents, addendum, negotiations, and the awarding of the contract.
* Apply the legal relationship (both rights and obligations) of various participants in a construction project.
* Design and develop a safety program or loss control program for employee injuries, health claims, and equipment for a simulated project.
* Identify the procedure for a proper project inspection in a given case study.
* Distinguish the procedure for the timely review of shop drawings and submittals.
* Apply the procedure for a complete project closeout.
* Specify the importance of project documentation in a given case study.

1. **DISTRICT-WIDE POLICIES:**

**Programs for Students with Disabilities**

Florida SouthWestern State College, in accordance with the Americans with Disabilities Act and the College’s guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus. The office locations and telephone numbers for the Office of Adaptive Services at each campus can be found at <http://www.fsw.edu/adaptiveservices>.

**REPORTING TITLE IX VIOLATIONS**

Florida SouthWestern State College, in accordance with Title IX and the Violence Against Women Act, has established a set of procedures for reporting and investigating Title IX violations including sexual misconduct.  Students who need to report an incident or need to receive support regarding an incident should contact the Equity Officer at [equity@fsw.edu](mailto:equity@fsw.edu).  Incoming students are encouraged to participate in the Sexual Violence Prevention training offered online.  Additional information and resources can be found on the College’s website at <http://www.fsw.edu/sexualassault>.

1. **REQUIREMENTS FOR THE STUDENTS:**

List specific course assessments such as class participation, tests, homework assignments, make-up procedures, etc.

1. **ATTENDANCE POLICY:**

The professor’s specific policy concerning absence. (The College policy on attendance is in the Catalog, and defers to the professor.)

1. **GRADING POLICY:**

Include numerical ranges for letter grades; the following is a range commonly used by many faculty:

| 90 - 100 | = | A |
| --- | --- | --- |
| 80 - 89 | = | B |
| 70 - 79 | = | C |
| 60 - 69 | = | D |
| Below 60 | = | F |

(Note: The “incomplete” grade [“I”] should be given only when unusual circumstances warrant. An “incomplete” is not a substitute for a “D,” “F,” or “W.” Refer to the policy on “incomplete grades.)

1. **REQUIRED COURSE MATERIALS:**

(In correct bibliographic format.)

1. **RESERVED MATERIALS FOR THE COURSE:**

Other special learning resources.

1. **CLASS SCHEDULE:**

This section includes assignments for each class meeting or unit, along with scheduled Library activities and other scheduled support, including scheduled tests.

1. **ANY OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES:**

(Which would be useful to the students in the class.)