

ELECTRICAL SYSTEMS

BCN 4753

3 CREDITS

FALL 2018

MONDAY 2-3RD PERIOD, WEDNESDAY 3RD PERIOD – ROOM 210 RINKER HALL

INSTRUCTOR: *Dr. Walters*

329 Rinker Hall

rwalters@ufl.edu

352-354-2896

OFFICE HOURS: Monday & Wednesday 4th period for walk in, other times by appointment

COURSE WEBSITE: <http://elearning.ufl.edu>

COURSE COMMUNICATIONS: Please use Canvas email.

COURSE DESCRIPTION: Basic principles and applications of construction finance with an emphasis on the acquisition and management of construction loans, mortgages and construction accounting.

COURSE GOALS AND/OR OBJECTIVES: *By the end of this course, students will:*

1. Recognize techniques to assess and manage all types of risk. (SACS 4, ACCE SLO 13, 17)
2. Understand Contractor's Balance Sheet, Income Statement, and Bonding Capacity Ratios. (SACS 4, ACCE SLO 14)
3. Understand the importance of maximizing Cash Flow. (SACS 4, ACCE SLO 14)
4. Understand business organizations, basic accounting concepts, classification of direct and indirect cost, Labor Laws, Lien Laws (SACS 5, ACCE SLO 14, 17)
5. Recognize the importance of accurately calculating Overhead and Profit. (SACS 4, ACCE SLO 14)

TEACHING PHILOSOPHY: I designed the course material and delivery to help you meet the goals and objectives of the course. The lecture materials includes example solutions to prepare you to complete the homework and in-class assignments. The homework and in-class problems will prepare you for the quizzes. The quizzes will prepare you for the exams. Be engaged in class, ask questions, and come to office hours. If you do not understand the class presentations, you should expect to do poorly on the homework assignments, quizzes, and exams. Please remember that I am here to help.

COURSE POLICIES:

ATTENDANCE POLICY: Students are expected to attend every class session and make up all work missed because of legitimate absences. Unexcused or unexplained absences will automatically lower a student's grade if they exceed the equivalent of one week's worth of class time.

An assignment missed when there was prior notification about the absence can be made up if this assignment is taken within the next two University class days. That is, if an assignment is missed on a Friday, it must be made up on the following Monday or Tuesday. For the first assignment made up in this way, full credit can be earned on the assignment. If a second assignment is made up in this way, only 80% of the grade on that assignment will be possible. For the third assignment, the percentage drops again to 60%, and so on.

COURSE MATERIAL: The course schedule and material are posted on the course website (elearning.ufl.edu). I do update the website as needed with schedule changes and postings of solutions to the course assignments.

UF POLICIES:

UNIVERSITY POLICY ON ACCOMMODATING STUDENTS WITH DISABILITIES: Students requesting accommodation for disabilities must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc/>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

UNIVERSITY POLICY ON ACADEMIC MISCONDUCT: Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at <http://www.dso.ufl.edu/students.php>.

NETIQUETTE: COMMUNICATION COURTESY: All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. [Describe what is expected and what will occur as a result of improper behavior]
<http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf>

GETTING HELP:

For issues with technical difficulties for E-learning, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Other resources are available at <http://www.distance.ufl.edu/getting-help> for:

- Counseling and Wellness resources
- Disability resources
- Resources for handling student concerns and complaints
- Library Help Desk support

GRADING POLICIES:

Assignment	Points or percentage
Homework	20%
Quizzes	20%
Exams	60%

GRADING SCALE:

Grade Values for Conversion May 11, 2009 and After												
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E, I, NG, S-U, WF
Grade Points	4.0	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	.67	0.00

COURSE SCHEDULE:

<i>Date</i>		<i>Topic</i>
22-Aug	Wednesday	Construction Accounting Systems
27-Aug	Monday	Simplified Financial Feasibility Analysis
29-Aug	Wednesday	Simplified Financial Feasibility Analysis
3-Sep	Monday	Labor Day (Holiday)
5-Sep	Wednesday	Accounting Transactions
10-Sep	Monday	Quiz 1 / Equipment Costs and Cost Coding
12-Sep	Wednesday	Time Value of Money
17-Sep	Monday	Exam 1
19-Sep	Wednesday	Financing a Company's Financial Needs
24-Sep	Monday	Quiz 2
26-Sep	Wednesday	Financial Documents
1-Oct	Monday	Lien Law
3-Oct	Wednesday	Overhead / Cash Flow
8-Oct	Monday	Career Fair
10-Oct	Wednesday	Exam 2
15-Oct	Monday	Cash Flow
17-Oct	Wednesday	Depreciation
22-Oct	Monday	Quiz 3
24-Oct	Wednesday	Davis Bacon / Labor Supply
29-Oct	Monday	FLSA
31-Oct	Wednesday	Project Cash Flow
5-Nov	Monday	Exam 3
7-Nov	Wednesday	Workers' Comp
12-Nov	Monday	Over/under billings; Committed Costs
14-Nov	Wednesday	Quiz 4
19-Nov	Monday	Pay Apps
21-Nov	Wednesday	Thanksgiving (Holiday)
26-Nov	Monday	Pay Apps
28-Nov	Wednesday	Managing Overhead
3-Dec	Monday	Bonding Capacity; Tools for Making Financial Decisions
5-Dec	Wednesday	Exam 4

Please check with the course website for schedule changes.

Disclaimer: This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.