

PMGT 401: Project Management Capstone Simulation

Instructor: Dr. Marvin E Gonzalez (Dr. G.)

Office: 432- Beatty Center

Office Hours: W: 9:00 AM to 12:00 PM and 12:30 PM to 1:30 PM **Phone:** (843) 953-4277

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Credit Hours: 3

Prerequisite(s): PMGT 301, PMGT 311, PMGT 321, PMGT 331, PMGT 341

Course Description

The undergraduate certification in project management culminates in this final course of the curriculum. During this course, the student practices in a real-world simulation in which each decision made will require the student to adapt, strategize, and utilize the project management skills learned in prior courses to ensure a successful project.

Course Completion Requirements

The minimum requirements for the successful completion of this course include:

1. This final course does not have a testing component. Instead, successful course completion is based upon the student's full participation and completion of the simulated project given the specified schedule, budget, quality, customer requirements, and expected financial and schedule metrics.
2. Students work together in project teams and make decisions as a team. Each decision made by the team will affect the outcome of their "project". During the course, the course instructor will serve as the customer interface and program manager. This role will be the sole communicator during the entire simulation.
3. In addition to the communication aspect of the instructor, the instructor monitors each team as they work on the simulation, giving real time feedback and ensuring the teams are attaining the course objectives.
4. Students must have full attendance to meet the completion requirements for this course and the project management certification.

Learning Objectives

By completing this course, students must show proficiency with:

1. A solid understanding of how to plan and execute a project.

Learning Outcomes

Upon completion of this course, students will be able to:

1. Identify the project management process.
2. Map the simulated project to the project management knowledge areas.
3. Gather and validate requirements of the project.
4. Prioritize project goals.

5. Develop the required project deliverables to include:
 - a. WBS
 - b. Project schedule
 - c. Critical path
 - d. Resource plan
 - e. RAM
 - f. Budget
 - g. Communication plan
 - h. Risk matrix
 - i. Change log
 - j. Forecast model
6. React to typical issues during the project life cycle.
7. Identify risks and react to risks that become reality.
8. Consistently monitor financial and budgetary indicators.
9. Prepare and present a project report out.

Required Textbooks and Additional Materials

A Guide to the Project Management Body of Knowledge. 5th Edition. The Project Management Institute.

Optional Textbooks (Highly Recommended)

Project Management: The Managerial Process

Gray, C., & Larson, E.

Edition: 6th

McGraw Hill

POLICIES

Honor Code:

All students are expected to adhere to the College of Charleston Honor Code. The Honor Code of the College of Charleston specifically forbids lying, cheating, attempted cheating, stealing, attempted stealing and plagiarism. Students at the College are bound by honor and, by their acceptance of admission to the College, to abide by the Code and to report violations. Students can find the complete Honor Code and all related processes in the College of Charleston *Student Handbook* at <http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php>.

Disability Accommodations:

The College will make reasonable accommodations for persons with documented disabilities. Students should apply at the Center for Disability Services / SNAP, located on the first floor of the Lightsey Center, Suite 104. Students approved for accommodations are responsible for notifying me as soon as possible and for contacting me one week before accommodation is needed.

GENERAL POLICIES

Attendance: Attendance is required and points may be deducted for non-attendance.

Assignment submissions: Assignments are due on the date and time specified. Missed weekly assignments cannot be made up.

Course schedule: The course schedule is approximate and changes may be made during the semester.

Extra credit: There will be NO extra credit assignments.

Civility: I expect you to conduct yourself in a professional and courteous manner, treating everyone with dignity and respect.

Course withdrawal: You may withdraw prior to the date specified by the College. After that date, withdrawal will be approved only under extenuating circumstances.

Incomplete grade: An incomplete grade will rarely be given and then only in extreme circumstances. For example, busy schedules, workload, and failure to take an exam are NOT considered valid reasons.

Course Learning Schedule

Week 1	<ul style="list-style-type: none">- Developing the project plan- Forming the team- Review of initial performance metrics
Weeks 2 through 6	<ul style="list-style-type: none">- Team reactions to project simulation
Week 7	<ul style="list-style-type: none">- Team presentations of results- Certificate presentations- End of course evaluations