

Fall 2015

ENMG 6095

Paul Herrington
University of New Orleans

Follow this and additional works at: <https://scholarworks.uno.edu/syllabi>

This is an older syllabus and should not be used as a substitute for the syllabus for a current semester course.

Recommended Citation

Herrington, Paul, "ENMG 6095" (2015). *University of New Orleans Syllabi*. Paper 527.
<https://scholarworks.uno.edu/syllabi/527>

This Syllabus is brought to you for free and open access by ScholarWorks@UNO. It has been accepted for inclusion in University of New Orleans Syllabi by an authorized administrator of ScholarWorks@UNO. For more information, please contact scholarworks@uno.edu.

ENGINEERING MANAGEMENT CAPSTONE PROJECT

ENMG 6095

Engineering Management
Fall Semester 2015
Tuesdays and Thursdays 11:00 am – 12:15 pm
EN 920

Instructor

Paul Herrington	
office	EN 920
office hrs	11:00 a.m. – noon T/TH/F or by appointment
phone	280-6178
email	pherring@uno.edu

Catalog Description

(Open to Master's candidates in their final semester only.) Prerequisite: Consent of department. Individual or team study and evolution of a project involving engineering management. The project may be specified or may be developed from the student's own work environment. The project will culminate in a formal report presented and defended before faculty and other interested parties.

Textbook

- *Reference* – *Crafting and Executing Strategy: The Quest for Competitive Advantage*, 19th Edition, by Thompson, Peteraf, Gamble, and Strickland, McGraw Hill, 2013, (ISBN 978-0-07-339826-6).

Course Objectives

- Apply knowledge, skills, and values of engineering management to a new or unique problem.
- Demonstrate competency in the skills and techniques used by modern engineering managers.

- Demonstrate competency using the tools of strategic management and analytical approaches.
- Demonstrate proficiency in oral and written technical communication.
- Demonstrate critical and creative thinking and design of solutions: organization, treatment, and production

Grading

	WEIGHT	DATE
Project Proposal	20%	SEPT 11
Project Report	60%	NOV 13
Project Presentation	20%	NOV 20
TOTAL =	100%	

Course Administration

- Project proposal – the project proposal is a single page stand-alone summary of your project. You should describe the motivation of your project, the underlying problem or need, the approach to be taken, and the expected results and benefits of your project.
- Project Report – the project report is a comprehensive report that introduces the problem, the methods used to solve the problem, and the resulting solution and outcome.
- Presentation – upon completion of the project, you will orally present your project to ENMG graduate faculty, students, and guests. Your presentation should include the strategy used, what worked and what did not work, lessons learned, etc.
- It is UNO policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to www.ods.uno.edu.
- Academic integrity – academic integrity is fundamental to the process of learning. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at <http://www.studentaffairs.uno.edu>.

Student Learning Outcomes

After completing this course, students will be able to:

- Investigate an engineering problem and define goals and objectives for its solution.
- Describe the concepts and techniques involved in strategic management of a technology-based company.
- Use an integrative analysis approach to problem solving that incorporates internal and external environments in decision-making.
- Justify analyses and recommendations using business theories and principles of strategic management.

Important Dates*

Last day to adjust schedule w/out fee 08/18/2015
Semester Classes Begin 08/19/2015
Last day to adjust schedule w/fee,
or withdraw with 100% refund 08/25/2015
Last day to apply for December commencement 09/25/2015
Final day to drop a course or resign 10/14/2015
Mid-semester examinations 10/05-10/09/2015
Final examinations 12/07-12/11/2015
Commencement 12/18/2015

**Note: check Registrar's website for Saturday and A/B sessions, and for items not listed here:
<http://www.registrar.uno.edu>*

Fall Semester Holidays

Labor Day 09/07/2015
Mid-semester break 10/15-10/16/2015
Thanksgiving 11/26-11/27/2015

Withdrawal Policy – Undergraduate only

Students are responsible for initiating action to resign from the University (withdraw from all courses) or from a course on or before dates indicated in the current Important Dates* calendar. Students who fail to resign by the published final date for such action will be retained on the class rolls even though they may be absent for the remainder of the semester and be graded as if they were in attendance. Failure to attend classes does not constitute a resignation. Check the dates on the Registrar's website, <http://www.registrar.uno.edu>. Please consult The Bulletin for charges associated with dropping and adding courses.

Incomplete Policy – Undergraduate only

The grade of I means *incomplete* and is given for work of passing quality but which, because of circumstances beyond the student's control, is not complete. The issuance of the grade of I is at the discretion of the faculty member teaching the course. For all graduate and undergraduate students, a grade of I becomes a grade of F if it is not converted before the deadline for adding courses for credit (as printed in the Important Dates Calendar) of the next regular semester including summer semester.

Repeat Policy

When a student is permitted to repeat a course for credit, the last grade earned shall be the one which determines course acceptability for degree credit. A student who has earned a C or better in a course may not repeat that course unless, (1) the catalog description indicates that the course may be repeated for credit, or (2) the student's Dean gives prior approval for documented extenuating circumstances.

Graduate Policies

Graduate policies often vary from undergraduate policies. To view the applicable policies for graduate students, see the Graduate Student Handbook:

<http://www.uno.edu/grad/documents/GraduateStudentHandbook2014.pdf>

Academic Dishonesty Policy

<http://www.uno.edu/student-affairs-enrollment-management/documents/academic-dishonesty-policy-rev2014.pdf>

Safety Awareness Facts and Education

Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here:

<http://www.uno.edu/student-affairs-enrollment-management/>

UNO Counseling Services and UNO Cares

UNO offers care and support for students in any type of distress. Counseling Services assist students in addressing mental health concerns through assessment, short-term counseling, and career testing and counseling. Find out more at <http://www.uno.edu/counseling-services/>. First-year students often have unique concerns, and UNO Cares is designed to address those students succeed. Contact UNO Cares through <http://www.uno.edu/fye/uno-cares.aspx>.

Emergency Procedures

Sign up for emergency notifications via text and/or email at E2Campus Notification:

<http://www.uno.edu/ehso/emergency-communications/index.aspx>. All emergency and safety procedures are explained at the Emergency Health and Safety Office: <http://www.uno.edu/ehso/>.

Diversity at UNO

As the most diverse public university in the state, UNO maintains a Diversity Affairs division to support the university's efforts towards creating an environment of healthy respect, tolerance, and appreciation for the people from all walks of life, and the expression of intellectual point of view and personal lifestyle. The Office of Diversity Affairs promotes these values through a wide range of programming and activities. <http://diversity.uno.edu/index.cfm>

Learning and Support Services

Help is within reach in the form of learning support services, including tutoring in writing and math and other supplemental instruction. Visit the Learning Resource Center in LA 334, or learn more at <http://www.uno.edu/lrc/>.

Affirmative Action and Equal Opportunity

UNO is an equal opportunity employer. The Human Resource Management department has more information on UNO's compliance with federal and state regulations regarding EEOC in its Policies and Resources website: <http://www.uno.edu/human-resource-management/policies.aspx>