OEM Master's Project

EIN6905
Class Periods: Dec., Jan, April Meeting
Credits: 3
Location: Lake Nona Facility
Academic Term: Spring 2021

Instructor:
Katie Basinger
Email Address: katie.basinger@ufl.edu
Office Phone Number: (352) 294-7730
Office Hours: TBD

Course Description

The Master's project is the capstone event in the Outreach Engineering Management curriculum. Students develop an in-depth analysis on an engineering management topic under the supervision of a faculty member from the Industrial and Systems Engineering Department or the Business School. The project will make use of methods and tools learned in the OEM curriculum. The emphasis will be on the engineering coursework, but you can also incorporate material from the business coursework (encouraged). The effort culminates in a written project report and a presentation to the OEM class.

The focus for your project can be based on material from Deterministic Methods in Operations Research, Decision Making under Uncertainty, Models for Supply Chain Management, and/or Advanced Quality Management and Engineering. You can also incorporate material from the College of Business courses, and this is encouraged.

Course Pre-Requisites / Co-Requisites

Completion of all OEM courses.

Course Objectives

- Execute an in-depth analysis on an engineering management topic under the supervision of an ISE faculty member
- Demonstrate the tools and methods learning in the OEM curriculum
- Evaluate and support work in final report and final presentation

Materials and Supply Fees

There are no required supplies or fees for the course.

Course Schedule

Date	Activity
11/12/2020	Project ideas submitted on Canvas
12/1/2020	General Topic, Student Teams Finalized, Faculty Advisor Assigned
12/6/2020	Meet with faculty advisor to flush out project ideas (flexible)
12/12/2020	1pg description of project due on Canvas
1/9/10/2021	Proposal Presentations (In-Class)
2/7/2021	Progress Report #1 Due
3/7/2021	Progress Report #2 Due
4/10/2021	Final presentations (1-4)
4/11/2021	Final Report Due

Evaluation of Grades

The faculty advisor for the project will assess the team's performance throughout the semester.

Assignment	Total Points	Percentage of Final Grade
Project Proposal	10	10%
Proposal Report & Presentation	15	15%
Progress Reports (1&2)	10	10%
Final Presentation	15	15%
Final Report	50	50%
	Total	100%

Grading Policy

Percent	Grade	Grade Points
93 - 100	A	4.00
90 – 92.9	A-	3.67
87 - 89.9	B+	3.33
84 – 86.9	B	3.00
80- 83.9	B-	2.67
76 - 79.9	C+	2.33
73 – 75.9	C	2.00
70 – 72.9	C-	1.67
66 - 69.9	D+	1.33
63 – 65.9	D	1.00
60 – 62.9	D-	0.67
0 - 59.9	E	0.00

More information on UF grading policy may be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Students Requiring Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting https://disability.ufl.edu/students/get-started/. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.

University Honesty Policy

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/) specifies a number of

behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Commitment to a Safe and Inclusive Learning Environment

The Herbert Wertheim College of Engineering values broad diversity within our community and is committed to individual and group empowerment, inclusion, and the elimination of discrimination. It is expected that every person in this class will treat one another with dignity and respect regardless of gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture.

If you feel like your performance in class is being impacted by discrimination or harassment of any kind, please contact your instructor or any of the following:
• Your academic advisor or Graduate Program Coordinator
• Robin Bielling, Director of Human Resources, 352-392-0903, rbielling@eng.ufl.edu
• Curtis Taylor, Associate Dean of Student Affairs, 352-392-2177, taylor@eng.ufl.edu
• Toshikazu Nishida, Associate Dean of Academic Affairs, 352-392-0943, nishida@eng.ufl.edu

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see: https://registrar.ufl.edu/ferpa.html

Campus Resources:

Health and Wellness

U Matter, We Care:
Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Counseling and Wellness Center: http://www.counseling.ufl.edu/cwc, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Discrimination, Harassment, Assault, or Violence
If you or a friend has been subjected to sexual discrimination, sexual harassment, sexual assault, or violence contact the **Office of Title IX Compliance**, located at Yon Hall Room 427, 1908 Stadium Road, (352) 273-1094, title-ix@ufl.edu

Sexual Assault Recovery Services (SARS)
Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or http://www.police.ufl.edu/.

E-learning technical suppor_t_, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. https://lss.at.ufl.edu/help.shtml.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling. https://www.crc.ufl.edu/.

Library Support, http://cms.uflib.ufl.edu/ask. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. https://teachingcenter.ufl.edu/.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. https://writing.ufl.edu/writing-studio/.

Student Complaints Campus_:_ https://care.dso.ufl.edu.

On-Line Students Complaints_:_ http://www.distance.ufl.edu/student-complaint-process.