


| | | | |
|---|---|--|--|
|  FLORIDA ATLANTIC UNIVERSITY | NEW COURSE PROPOSAL Graduate Programs | | UGPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner _____ Catalog _____ |
| | Department : Information Technology and Operations Management College : Business (To obtain a course number, contact erudolph@fau.edu) | | |
| Prefix MAN Number 7768 | (L = Lab Course; C = Combined Lecture/Lab; add if appropriate) Lab Code | Type of Course Lecture | Course Title Seminar in Operations and Supply Chain Management |
| Credits (Review <i>Provost Memorandum</i>) 3 | Grading (Select One Option) Regular Sat/UnSat | Course Description (Syllabus must be attached; see <i>Guidelines</i>) This course will cover seminal, contemporary and emerging research in operations and supply chain management to prepare students for academic research in this area | |
| Effective Date (TERM & YEAR) Fall2021 | Prerequisites Academic Service Learning (ASL) course Academic Service Learning statement must be indicated in syllabus and approval attached to this form. | | |
| <i>Prerequisites, Corequisites and Registration Controls are enforced for all sections of course.</i> | | Corequisites N/A | Registration Controls (For example, Major, College, Level) Admission to an FAU PhD program or faculty approval |
| Minimum qualifications needed to teach course: Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field.) | | List textbook information in syllabus or here N/A | |
| Faculty Contact/Email/Phone Chul Woo Yoo/yooc@fau.edu/561-297-2532 | | List/Attach comments from departments affected by new course N/A | |

| | |
|--|---|
| Approved by Department Chair _____ College Curriculum Chair _____ College Dean _____ UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____ | Date 02/11/2021 3/15/21 3/22/21 _____ _____ _____ _____ |
|--|---|

Email this form and syllabus to UGPC@fau.edu 10 days before the UGPC meeting.



MAN7768 – 100 (CRN xxxxx)

Seminar in Operations and Supply Chain Management

TBD

3 credits

Dr. David Menachof

Office: FL 213

Telephone: 561-297-6089

Office Hours (Phone or Zoom): TBD and by appt.

Email: dmenachof@fau.edu

Co-Teaching Professors

Prof. Ravi Behara

(Class meetings on TBD)

Email: rbehara@fau.edu

Dr. Milad Baghersad

(Class meetings on TBD)

Email: mbaghersad@fau.edu

Course Description

“This course will cover seminal, contemporary and emerging research in operations and supply chain management to prepare students for academic research in this area.” (Proposed FAU Catalog description)

This doctoral-level research seminar course covers seminal, contemporary and emerging research topics in Operations and Supply Chain Management. It is designed to help doctoral students to understand key research themes and emerging issues in OSCM. Today, virtually all business functions rely on Operations and Supply Chains to be operated effectively, and their impact on organizational strategy, operations, performance, and design is increasingly significant. The main objective of this course is to acquaint students with the common research focuses, approaches, and procedures recently used in the OSCM area to facilitate related research projects suitable for dissertation purposes.

Instructional Method

This class is designated as a hyflex (or dual modality) course—lectures will be held in classroom during designated class time, and students will be provided the flexibility to attend classes physically on campus or through the “live-remote” lecture from home.

Prerequisites/Corequisites

This course is 3-credit; the prerequisite is admission to FAU College of Business PhD program or faculty approval.

Required Text and Materials

There is no required textbook. Students can download the academic journal articles directly from FAU library web site.

Course Objectives/Student Learning Outcomes

The objective of this course is to introduce students to the basic concepts and tools applied in supply chain management. The course will focus on seminal, contemporary and emerging research in operations and supply chain management to prepare students for academic research in this field.

By the end of the course, students will be able to:

- Have an integrated understanding of academic research areas related to OSCM
- Conduct literature review on a suitable research topic and study, analyze, and critique research articles in key OSCM research streams
- Identify limitations and gaps in the literature as the basis for conceiving and formulating research ideas for their own work
- Possess the skills and capabilities required to formulate their own research proposals with a view to conducting their dissertation research
- Communicate all of the above in oral and written forms appropriate in a research setting

Supplemental Course Description

Class sessions will follow a seminar discussion format. Students are expected to have thoroughly read and critically analyzed all of the assigned readings prior to class meetings. Every student will be expected to contribute to the class discussion, by actively listening and being willing and able to present their analysis and viewpoint to the class.

The following is a general description of a class meeting:

- Each three-hour class meeting (with the exception of the first and last meetings) will be divided into two sessions. There will be readings assigned for each session.
- Students will be assigned to study, present, and lead the discussion of the main articles in each session.
- All students are expected to raise issues about the articles and provide counterpoints to the lead presenter.
- All students (not just the seminar leader and discussants) are required to read all assigned readings and may be called upon during discussions.

Course Grading Scale

| | | |
|-----------------------------|----------------------------|-----------------------------|
| | A : 93.00 – 100 % | A- : 90.00 – 92.99 % |
| B+ : 87.00 – 89.99 % | B : 83.00 – 86.99 % | B- : 80.00 – 82.99 % |
| C+ : 77.00 – 79.99 % | C : 73.00 – 76.99 % | C- : 70.00 – 72.99 % |
| | D : 60.00 – 69.99 % | |
| | F : < 60.00 % | |

Course Evaluation Method

The grade evaluation is based on the following:

| | |
|------------------------------------|-----|
| Class participation | 20% |
| Seminar leader | 20% |
| Minor research projects | 20% |
| Final project on literature review | 40% |

Detailed description of each of the above course evaluation components is discussed in class and/or on Canvas.

Policy on Makeup Tests, Late Work, and Incompletes

Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations, or participation in University-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances, and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Except in the cases of religious or university-approved events, late assignments will not be accepted unless explicit prior permission is issued, in which case a penalty may be assessed to maintain fairness among students. The University reserves the right to deal at any time with individual cases of non-attendance.

Attendance Policy

Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. Use your own judgment if you have to miss any class or assignment due to your personal or professional commitment. Because of the condensed nature of this course, if you miss more than one class (with the exception of true emergencies or university-approved disasters), your grade will be at most a B.

Counseling and Psychological Services (CAPS) Center

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish

to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>.

Disability Policy

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/.

Code of Academic Integrity

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high-quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [University Regulation 4.001](#).

Written components of any assignment or project may be submitted to anti-plagiarism software to evaluate the originality of the work. And anti-cheating software or systems, such as Honorlock and Respondus (Lockdown Browser), may be required for all quizzes and exams if they are administered online. Any students found to be submitting work that is not their own will be deemed in violation of the University's honor code discussed above.

Religious Accommodation Policy Statement

In accordance with rules of the Florida Board of Education and Florida law, students have the right to reasonable accommodations from the University in order to observe religious practices, observances, and beliefs with regard to admissions, registration, class attendance and the scheduling of examinations and work assignments. For further information, please see FAU Regulation 2.007 at [FAU Regulation 2.007](#).

Required Texts/Materials/Readings

There is no required textbook for this course. A series of journal articles will be required reading prior to each class meeting; they will be provided via links on Canvas.

Required Computing Hardware/Software

- Microsoft 365 Suite ([Link to download](#))

- Reliable web browser (Chrome, Firefox, or Safari recommended)
- Broadband (high-speed) Internet connection with a speed of 4 Mbps or higher
- Computer that runs latest version of Mac OS or Windows
- Functioning webcam and microphone (for attending lectures from remote locations)

Minimum Technical Skills Requirements

The general and course-specific technical skills a student must have to succeed in the course include but are not limited to:

- Accessing Internet.
- Using Canvas (including taking tests, attaching documents).
- Using email with attachments.
- Creating and submitting files in commonly used word processing program formats such as Microsoft Office Tools.
- Copying and pasting functions.
- Downloading and installing software.
- Using presentation, graphics, and other programs.
- Posting and commenting in an online discussion.
- Searching the FAU library and websites.

Technical Support

Check the Canvas course homepage for Canvas and other technical support information. Note that your instructor will not be able to provide solutions to your technical issues. Also, you are responsible to obtain technical support for problems with the hardware and software on your own equipment or Internet connection of your own.

Course Topical Outline

This schedule serves as a *tentative* overview of the course topics. It is subject to change. Specific dates and topics will be posted on Canvas.

| Module | Topics |
|---------|--|
| Week 1 | Logistics, Inventory Management |
| Week 2 | Logistics, Transportation |
| Week 3 | Logistics, Warehousing/Storage |
| Week 4 | Procurement |
| Week 5 | Operations 4.0, Including Industry 4.0 |
| Week 6 | Operations 4.0, IoT |
| Week 7 | Operations 4.0, AI / Machine Learning applied to OSCM |
| Week 8 | Last Mile |
| Week 9 | Humanitarian Operations and Supply Chain Management |
| Week 10 | Sustainable Supply Chain Management, Reverse Logistics |
| Week 11 | Service Operations |
| Week 12 | Healthcare Operations |
| Week 13 | Global issues in OSCM |
| Week 14 | Final project presentations |
| Week 15 | Final project presentations |