



**FLORIDA  
ATLANTIC  
UNIVERSITY**

**COURSE CHANGE REQUEST  
Graduate Programs**

**Department** Information Technology and Operations Management  
**College** Business

UGPC Approval \_\_\_\_\_  
UFS Approval \_\_\_\_\_  
SCNS Submittal \_\_\_\_\_  
Confirmed \_\_\_\_\_  
Banner \_\_\_\_\_  
Catalog \_\_\_\_\_

**Current Course  
Prefix and Number** ISM 7345

**Current Course Title**  
Organizational Impacts of Information Systems

*Syllabus must be attached for ANY changes to current course details. See [Guidelines](#). Please consult and list departments that may be affected by the changes; attach documentation.*

**Change title to:**  
Business Transformation in Information  
Systems and Operations Management  
**Change prefix**

**From:** N/A **To:**

**Change course number**

**From:** N/A **To:**

**Change credits\***

**From:** N/A **To:**

**Change grading**

**From:** N/A **To:**

**Academic Service Learning (ASL) \*\***

**Add**  **Remove**

\* Review [Provost Memorandum](#)

\*\* Academic Service Learning statement must be indicated in syllabus and approval attached to this form.

**Change description to:**  
Analysis of theory and research on the impacts of  
information systems and operations management  
on human behavior and upon organizational  
design

**Change prerequisites/minimum grades to:**  
No prerequisites / minimum grades

**Change corequisites to:**  
N/A

**Change registration controls to:**  
Admission to an FAU PhD program or faculty  
approval

Please list existing and new pre/corequisites, specify AND or OR  
and include minimum passing grade.

**Effective Term/Year  
for Changes:** Fall2021

**Terminate course? Effective Term/Year  
for Termination:**

**Faculty Contact/Email/Phone** Chul Woo Yoo/yooc@fau.edu/561-297-2532

**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

Digitally signed by Ken Johnson  
Date: 2021.03.22 14:03:18 -04'00'

Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) 10 days before the UGPC meeting.



Florida Atlantic University  
COLLEGE OF BUSINESS

## ISM 7345

### Business Transformation in Information Systems and Operations Management

Spring 202X

Prof. XXX

Office: FL XXX

Telephone: XXX-XXX-XXX

Office Hours (Phone or Zoom): Wed. and Fri. 3:30 pm – 5:00 pm

Email: XXX@fau.edu

### Course Description

“Analysis of theory and research on the impacts of information systems and operations management on human behavior and upon organizational design.”

This doctoral-level research seminar course covers contemporary and emerging research topics in information systems (IS) and operations management (OM) in organizations. It is designed to help doctoral students to understand key research themes and emerging issues in IS. Today, virtually all business functions rely on the effective use of information technology, and its 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 IS area to facilitate related research projects suitable for dissertation purposes.

### Prerequisites/Corequisites

Admission to a Ph.D. program or faculty approval. This course is 3-credit.

### 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**

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

- Have an integrated understanding of academic and applied research areas related to IS in organizations
- Conduct literature review on a suitable research topic and study, analyze, and critique research articles in key IS 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 the general description of a class meeting:

- Each class meeting will be divided into two sessions. There will be readings assigned for each session; among them, 2 articles will be main reading, while others are references.
- One student will be assigned to study, present, and lead the discussion of the two main articles in each session. The detailed rules and guidelines of the seminar leader will be available on Canvas and discussed in the first class, but a (pre-class) write-up, a summary presentation, and key questions for discussion can be expected.
- Four students will be assigned as discussants in each session. The detailed rules and guidelines of the discussants will be available on Canvas and discussed in the first class, but, in general, discussants are expected to raise issues about the articles.
- Every student is required to read all assigned readings. Instructors may/will call upon students other than the discussion leader and discussants during discussions.

## Course Grading Scale

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

## Course Evaluation Method

The grade evaluation is based on the following:

Class participation	20%
Seminar leader	20%
Discussant (four each)	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/](http://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 progression. It is subject to change **infrequently**. Please be sure to check your FAU emails on a regular basis for the latest class information.

Week	Topics
Week1	Course intro and IS research overview
Week2	Digital transformation 1
Week3	Digital transformation 2
Week4	Sourcing and cloud computing--academic research
Week5	Sourcing and cloud computing--applied research
Week6	Digital commerce and social networking--academic research
Week7	Digital commerce and social networking--applied research
Week8	Information security and privacy--academic research
Week9	Information security and privacy--applied research
Week10	Digitized supply chain--academic research
Week11	Digitized supply chain--applied research
Week12	Emerging technologies 1
Week13	Emerging technologies 2
Week14	Student presentations
Week15	Student presentations