

Supply Chain Management

Catalog Description: SIE 465/565 -- Fundamentals of Supply Chain Management including inventory/logistics planning and management, warehouse operations, procurement, sourcing, contracts, and collaboration.

Prerequisite(s): SIE 305, SIE 340

Instructor: John Ullrich, ullrich@arizona.edu
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Remote Instructors: Alvarado Percovich, Jorge Enrique, jealvarado@email.arizona.edu
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Office Hours: Defined by Remote Instructors communicate through D2L

Website: Desire2Learn (D2L) will be used for the class website (<http://d2l.arizona.edu>)

Required Course Material:

Textbook: Supply Chain Management – A Logistics Perspective 10th edition by Coyle, Langley, Novak and Gibson. (Cengage Learning)

Grading

465 - Grading: Regular grades are awarded for this course: A B C D E.

- 30% Two (2) Mid Terms
- 20% Final Exam
- 30% Homework
- 20% 2 Case Studies/Papers

565 – Grading: Regular grades are awarded for this course: A B C D E.

- 30% Two (2) Mid Terms
- 20% Final Exam
- 30% Homework
- 20% 3 Case Studies/Papers

Course Objectives and Learning Outcomes: This course is intended to give students background and a foundation in the design and operation of supply chain systems. We will give an overview of supply-demand planning and operations and a detailed investigation

into Supply Chain Distribution and Supply Chain Integration. At the end of this course, students should:

- Understand the approaches and systems used for purchasing management, managing supplier relationships and resource management and planning.
- Understand and be able to use the tools and approaches to make transportation decisions location decisions, manage customer and supplier relationships, and measure supply chains.
- Be familiar with supply chain professional organizations the various supply chain certification options available.
- Be able to comprehend supply chain problems in a variety of industries, design and propose integrated solutions leveraging engineering skills that improve the supply chain performance across key supply chain metrics.

Absence Policy:

On campus students are expected to attend the on-campus classes. Online students are expected to watch the Panopto lectures. Attendance will be included as part of the Participation Credit score. All holidays of special events observed by organized religions will be honored for those students who have affiliation with that particular religion. Absences pre-approved by the UA Dean of Students (or Dean's designee) will be honored.

Expected Classroom Behavior:

Students are expected to maintain a professional business-like conduct during class and during all class activities.

Policy against plagiarism:

Students are allowed to work and submit group work on group assignments. Students must submit their own individual work on individual assignments but may consult with peers unless prohibited by the instructor. Turnitin® will be used to assess similarity and factored in scoring. Evidence of plagiarism will be handled according to the procedures outlined in the **Student Code of Academic Integrity**.

Threatening behavior by students:

Threatening and disruptive behavior is prohibited and will be handled as outlined in **Threatening Behavior by Students** and **Disruptive Behavior in an Instructional Setting**.

Required extracurricular activities:

There are no required extracurricular activities anticipated for this course.

Special materials required for the class:

There are no special materials anticipated for this course.

Notification of offensive material policy:

If offensive materials will be presented in class, the instructor will notify students via their university email account prior to class and allow students to opt-out of that class session.

Accessibility and Accommodations:

It is the University's goal that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. You are also welcome to contact Disability Resources (520-621-3268) to establish reasonable accommodations.

Please be aware that the accessible table and chairs in this room should remain available for students who find that standard classroom seating is not usable.

Changes to this Syllabus:

The information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Course Outline:

1. Supply Chain Foundations
2. Supply Chain Fundamentals
3. Cross-Chain Logistics Processes
4. Supply Chain Challenges and Future Directions
5. Supplier Engineering

Final Examination:

Note: attendance at the final is required. The Final Exam Regulations can be found at <https://www.registrar.arizona.edu/courses/final-examination-regulations-and-information>, and Final Exam Schedule can be found at <http://www.registrar.arizona.edu/schedules/finals.htm>

Updated COVID 19 guidelines – as of 1/9/2021

- **Face coverings are required in our classroom:** Per UArizona's **Administrative Directive**, face coverings that cover the nose, mouth, and chin are required to be worn in all learning spaces at the University of Arizona (e.g., in classrooms, laboratories and studios). Any student who violates this directive will be asked to immediately leave the learning space and will be allowed to return only when they are wearing a face covering. Subsequent episodes of noncompliance will result in a Student Code of Conduct complaint being filed with the Dean of Students Office,

which may result in sanctions being applied. The student will not be able to return to the learning space until the matter is resolved.

- The Disability Resource Center is available to explore face coverings and accessibility considerations if you believe that your disability or medical condition precludes you from utilizing any face covering or mask option. DRC will explore the range of potential options as well as remote course offerings. Should DRC determine an accommodation to this directive is reasonable, DRC will communicate this accommodation with your instructor.
- **Physical distancing is required in our classroom:** During our in-person class meetings, we will respect CDC guidelines, including restricted seating to increase physical distancing. Any student who does not maintain physical distance from others may be asked to immediately leave the learning space. Noncompliance may result in a Student Code of Conduct complaint being filed with the Dean of Students Office, which may result in sanctions being applied.
- **Classroom attendance:**
 - If you feel sick or may have been in contact with someone who is infectious, stay home. Except for seeking medical care, avoid contact with others and do not travel.
 - Notify your instructors if you will be missing an in person or online course meeting, or you will miss an assignment deadline.
 - **Non-attendance for any reason does not guarantee an automatic extension of due date or rescheduling of examinations.**
 - **Please communicate and coordinate any request directly with your instructor.**
 - Campus Health is testing for COVID-19. Please call (520) 621-9202 before you visit in person.
 - Visit the UArizona COVID-19 page for regular updates.
- **Academic advising:** If you have questions about your academic progress this semester, or your chosen degree program, please note that advisors at the Advising Resource Center can guide you toward university resources to help you succeed.
- **Life challenges:** If you are experiencing unexpected barriers to your success in your courses, please note the Dean of Students Office is a central support resource for all students and may be helpful. The Dean of Students Office can be reached at 520-621-2057 or DOS-deanofstudents@email.arizona.edu.
- **Physical and mental-health challenges:** If you are facing physical or mental health challenges this semester, please note that Campus Health provides quality medical and mental health care. For medical appointments, call (520-621-9202. For After

Hours care, call (520) 570-7898. For the Counseling & Psych Services (CAPS) 24/7 hotline, call (520) 621-3334.

- **Equipment and software requirements:** For this class you will need daily access to the following hardware: laptop and/or web-enabled device with a webcam and microphone.
- **Staying current:** You are required to complete to complete all homework and Projects on your own time.
- **Remain flexible:** If pandemic conditions warrant, the University may require that we return to remote operations. If that is the case, we will notify you by D2L Announcement and email that we are moving to remote operations.
- **Class Recordings:**
 - For lecture recordings, which are used at the discretion of the instructor, students must access content in D2L only. Students may not modify content or re-use content for any purpose other than personal educational reasons. All recordings are subject to government and university regulations. Therefore, students accessing unauthorized recordings or using them in a manner inconsistent with Arizona values and educational policies are subject to suspension or civil action.