

**University of Florida**  
**Warrington College of Business Administration**  
**Information Systems and Operations Management Department**  
**MAN 6528 (Principles of Logistics / Transportation Systems)**

**Instructor:** Dr. Tharanga Rajapakshe

**Office:** Stuzin 335

**Office Hours:** To Be Decided

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**Course Objective:**

The objective of the course is to study the logistics business models and a range of logistics problems faced by firms.

**Course Description:**

Logistics is an important part of operations management in general, and of supply chain management in particular. Roughly put, logistics consists of all the activities that enable a business to make its products available to consumer at convenient locations, in the required quantities, and at minimum cost to the company. The specific topics that we shall study in this course are: (1) Logistic Strategy; (2) Modeling and Optimizing Logistic Problems; (3) Routing Service Vehicles; (4) Transportation in the Supply Chain; (5) Distribution Inventory Management. We will discuss the analytics of modeling and optimizing logistics systems, as well as a range of logistics issues faced by firms from different industries.

**Course Material:**

Course notes and basic lecture material will be made available online. You will be expected to supplement this with your own notes taken in class. The text book used in class is “Ballou, R. H., Business logistics/ Supply Chain management, 5th edition”.

**Assignments:**

There will be a few group-based assignments scattered throughout the module. There will also be two individual in-class exams.

**Practice Questions:**

For quantitative chapters, several practice questions are provided from the text book. **Do not expect the same questions in your exam.** Students are expected to find additional questions to practice the quantitative and qualitative concepts covered in class.

**Grading:**

Exam 1 (35%); Exam 2 (35%); Assignments (30%)

## Course Policies:

- Attendance: Attendance is not compulsory however I encourage you to attend the class frequently. If you miss a class, it is your responsibility to learn the material covered in that class and to find out about any announcements made or assignments during that session.
- Behavior during the class: Students are expected to participate in the class discussion. If a student (or a group of students) disturb the class by engaging in personal discussions, the instructor may ask them have the conversation outside the class room.
- Laptop policy: You are allowed to use the laptop during the lectures only to follow the power point presentations and to take notes.
- Electronic Devices: All the electronic devices must be turned off during the class. Cell phones are not allowed to use during the lectures and tests.
- Makeup Exams: No makeup exams are scheduled. If it is impossible to attend the exam on the scheduled day, you are required to inform me beforehand and provide me with proof that you have an emergency/unavoidable circumstance.
- Assignments: Assignments must be turned in on time. No late assignments will be accepted.
- Academic Integrity: Plagiarism and Cheating of any kind on an examination, quiz, homework or project will not be tolerated. For any academic class activity, students must follow the University of Florida Student Honor Code. Any violation of the honor code will automatically result in a grade of E (Fail) for this course and further sanctions that may include a suspension or expulsion from the University through the Dean of Students Office. All incidents will be reported to Student Conduct and Conflict Resolution at the University of Florida.

## Tentative Schedule:

<i>Week</i>	<i>Topic</i>
Aug 22	Chapter 1
Aug 24	Chapter 2
Aug 29	Chapter 3
Aug 31	Chapters 6
Sep 5	No Classes
Sep 7	Chapters 7
Sep 12	Chapter 9
Sep 14	Midterm Examination
Sep 19	Chapters 9
Sep 21	Chapter 11
Sep 26	Chapters 12
Sep 28, Oct 3	Chapter 13
Oct 5	Revision
Oct 10	Final Examination, 11:45am - 1:40pm, Stuzin Hall, Room 102

Note: The above schedule is tentative.