IE 313 Operations Research II
Section 01
COURSE SYLLABUS: SPRING 2026

INSTRUCTOR INFORMATION

Instructor: Burchan Aydin, Ph.D.
Office Location: AG/IT 213-D (Engineering and Technology Building 2nd floor)
Office Hours: Monday and Wednesday 8:30 am to 10:30 am
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Preferred Form of Communication: E-mail
Communication Response Time: within hours

COURSE INFORMATION

Course Schedule: Monday Wednesday Friday 11:20 AM to 12:10 PM

Materials – Textbooks
OPERATIONS RESEARCH: an Introduction
Author: TAHA
Edition: 10TH 17
Published Date: 2017
ISBN: 9780134444017
Publisher: PEARSON

Software Required
MS. Excel, LINGO

Course Description

This course focuses on the application of linear programming techniques. The models included in this course are Transportation, Assignment and Transshipment. The network models (Shortest Path; Maximum-Flow; and Minimum-Cost) are included. The course includes formulating integer programming problems. Prerequisites: IE 312.

The *syllabus/schedule are subject to change.*