

ECON 3765 TRANSPORT ECONOMICS (3 credit hours)

Elmira College

SPRING 2025

Required Text:

1. Kenneth Button, *Transport Economics*, 4th Edition, 2022, Edward Elgar Publishing;
2. Jonathan Cowie, *The Economics of Transport: A Theoretical and Applied Perspective*, 2009, Routledge.

Supplemental readings might be included to illustrate or expand on textbook readings.

Pre-requisites: ECON 2045 Microeconomic Theory II; ECON 2090 Analysis of Economic Data

Course Description

Transportation Economics explores the economic principles and analytical tools necessary to understand the functioning of transportation systems. The course examines the market structure, competition, and effective pricing and investment strategies in transportation markets. Students will study the public policies and business strategies influencing the transportation sector, including transportation infrastructure, various modes of transport, transportation planning, regulation, and the intersection of transportation, and economics. The course also delves into transportation demand economics and its role in addressing contemporary challenges.

Course Objectives and Goals

- Understand the fundamental economic principles applied to transportation markets.
- Analyze the role of pricing, investment, and competition in transportation.
- Evaluate the impact of public policies and regulations on transportation systems.
- Explore the relationship between transportation and economic development.
- Develop insights into transportation infrastructure planning and management.
- Apply economic tools to assess transportation demand and supply.

Evaluation of Performance

Your grade will be based upon your performance on exams, assignments, and participation.

Assignments	10%
Quizzes	20%
Group Discussions	30%
Midterm Exam	20%
Final Exam	20%
Total	100%

Grades will be assigned as follows:

A 93% and above	B- 80 - 82%	D+ 67 - 69%
A- 90 - 92%	C+ 77 - 79%	D 63 - 66%
B+ 87 - 89%	C 73 - 76%	D- 60 - 62%
B 83 - 86%	C- 70 - 72%	F 59% or below

Withdrawal Policy: Please see Elmira College Bulletin for information on this policy.

Academic Honesty: Please read the section on Academic Honesty in the [Code of Conduct](#). Briefly, academic dishonesty includes: cheating, fabrication, facilitating academic dishonesty, and plagiarism. Ask if you have any questions on whether something constitutes as academic dishonesty. All work must be original and new. Past assignments from current or other courses will not be accepted. Academic dishonesty will not be tolerated. It will result in zero on the assignment, and a report will be filed with the school. Continued practice will result in failure of the class. Institutional penalties may also apply with repeated acts of academic honesty.

Student Responsibility:

- It is your responsibility to keep track of assignments and due dates.
- You should ask questions concerning assignments and lectures, if you need any clarifications.
- If you are struggling in class, have concerns, and/or unsure about expectations, please stop by during office hours or make an appointment for another time.

Tentative Schedule of Topics

<u>Topic</u>	<u>Materials</u>	<u>Tasks & Evaluations</u>
Introduction to the Economics of Transport	Chapter 1	
Transport and Economic Development	Chapter 2	Assignment 1
Transport, Transport Markets and Transport Industries	Chapter 3	
The Market for Transport Services	Chapter 4	
Elasticity Demand for Transport Services	Chapter 5	
Transport Costs	Chapter 6	Quiz 1
Competition for the Provision of Transport Services	Chapter 7	
Imperfect Competition in the Provision of Transport Services	Chapter 8	Group Discussion 1
The Pricing of Transport Activities	Chapter 9	
Transport and the Environment	Chapter 10	Midterm Exam
Investment Criteria—Private and Public Sector Analysis	Chapter 11	
Transportation Infrastructure: Roads, Ports, and Airports	Chapter 12	Assignment 2
Modes of Transport: Road, Rail, Air, and Water	Chapter 13	
Transport, Organisation, Regulation and Ownership	Chapter 14	
Transport Subsidy	Chapter 15	Quiz 2
The Economics of Freight Transport	Chapter 16	
Forecasting the Demand for Transport	Chapter 17	
Transport Appraisal	Chapter 18	Group Discussion 2
Technological Innovations in Transportation	Chapter 19	Final Exam