

**UNIVERSITY COLLEGE OF THE FRASER VALLEY**

**COURSE INFORMATION**

**DISCIPLINE/DEPARTMENT:** Economics **IMPLEMENTATION DATE:** On or after Fall Term 1998

**Revised:** \_\_\_\_\_

<u>Economics 365</u>	<u>Transportation Economics</u>	<u>4</u>
<b>SUBJECT/NUMBER OF COURSE</b>	<b>DESCRIPTIVE TITLE</b>	<b>UCFV CREDITS</b>

**CALENDAR DESCRIPTION:** This is an applied course with the general aim to acquaint students with the economic issues of the transportation sector. The issues and the economics particular to the transportation sector are examined with the general aim of understanding public policies and their effect upon the particular sector and upon the communities served. The approach is to develop the economic principles of demand, cost, pricing and regulation to the various modes, with an emphasis on those of particular interest to the students in the course.

**RATIONALE:** Part of Economics Upper Division Curriculum. (See Econ Program proposals to ACC September 1997.)

**COURSE PREREQUISITES:** 60 credits, and any lower-level Economics course

**COURSE COREQUISITES:** N/A

<b>HOURS PER TERM FOR EACH STUDENT</b>	<b>Lecture/Seminar</b>	<b>45</b>	<b>hrs</b>		<b>Student Directed Learning</b>	<b>15</b>	<b>hrs</b>
	<b>Laboratory</b>		<b>hrs</b>		<b>Other - specify:</b>		
	<b>Field Experience</b>		<b>hrs</b>		_____		<b>hrs</b>
					<b>TOTAL</b>	<b>60</b>	<b>HRS</b>

**MAXIMUM ENROLMENT:** 28

**Is transfer credit requested?**  Yes  No

**AUTHORIZATION SIGNATURES:**

**Course Designer(s):** Economics Curriculum Committee: I. McAskill **Chairperson:** E. Davis  
**Curriculum Committee**

**Department Head:** I. McAskill for J. Belec **Dean:** J.D. Tunstall

**PAC: Approval in Principle** \_\_\_\_\_ **PAC: Final Approval:** November 26, 1997  
**(Date)** **(Date)**

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**SYNONYMOUS COURSES:**

(a) replaces     N/A      
                   (course #)

(b) cannot take     N/A     for further credit  
                   (course #)

**SUPPLIES/MATERIALS:**

**TEXTBOOKS, REFERENCES, MATERIALS (List reading resources elsewhere)**

Boyer, K., Principles of Transportation Economics, 1997, Addison Wesley.  
 Selected journal articles and government documents.

**OBJECTIVES:**

The objective of this course is to introduce primarily non-economics majors to the economic perspective applied to the field of transportation. Students from a variety of backgrounds can benefit from this applied study of the economic principles of demand, cost, and pricing and the underlying rationales behind economic and social regulation within the transportation sector. The objective is to give students an appreciation of these issues while avoiding specific business logistics and scheduling issues typically associated with detailed quantitative analysis.

**METHODS:**

Lecture/Seminar  
 Directed research

**STUDENT EVALUATION PROCEDURE:**

(Instructor discretion:)	
Class participation/Presentation	0 - 15%
Research and Term Paper	15 - 40%
Midterm	15 - 30%
Final	35 - 55%

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**COURSE CONTENT**

- 2 weeks Introduction to transportation economics and issues
- 1 week Transportation demand
- 2 weeks Transportation cost concepts
- 2 weeks Transportation pricing issues
- 2 weeks Government regulation of transportation
- 1 week Urban/suburban issues in transportation
- 3 weeks Selected topics/ issues/ applications in transportation