

NEW COURSE PROPOSAL

PROGRAM AREA _____

- 1. Catalog Description of the Course.** *[Include the course prefix, number, full title, and units. Provide a course narrative including prerequisites and corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ____ units); time distribution (Lecture ____ hours, laboratory ____ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

ECON 455 URBAN AND REGIONAL ECONOMICS (3)

Three hours of lecture per week

Prerequisite: ECON 310 or 329

Economic analysis of urban and regional problems including the formation of cities, urban finance and services, growth, land use, transportation, income distribution, pollution, congestion, and law enforcement.

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	____3____	____1____	____25____
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	_____	_____	_____

- 3. Justification and Learning Objectives for the Course.** (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) *[Use as much space as necessary]*

Urban and Regional Economics is one of the traditional economic fields of study. This course will be an upper division elective in the economics major.

Students completing the course will be able to:

- List the key economic factors leading to the development of cities and urban areas.
- Describe and apply the techniques of optimal location theory.
- Explain the role of transportation in urban areas.
- Describe the effects of the growth of urban areas.
- Use the model of markets (supply and demand) to explain the value of land.

- 4. Is this a General Education Course** **NO**

- 5. Course Content in Outline Form.** *[Be as brief as possible, but use as much space as necessary]*

- I. Why Do Cities Exist? Various definitions of cities
 1. Guaranteeing cities will not exist
 2. Comparative advantage
 3. Scale economies in production
 4. Economies of agglomeration
- II. Where Do Cities Develop?
 1. Commercial firms and trading cities - transshipment points
 2. Transfer-oriented industrial firms
 3. The principle of median location
 4. Other location factors, e.g., labor costs, taxes, education, amenities
- III. Market Areas and Central Place Theory
 1. An analysis of market areas
 2. Central place theory
- IV. Urban Economic Growth

1. The urban labor market
2. Predicting economic growth
3. Benefits and costs of employment growth
- V. Introduction to Land Rent and Land Use
 1. Land rent
 2. Land rent and fertility
 3. Land rent and accessibility

6. References. *[Provide 3 - 5 references on which this course is based and/or support it.]*

O'Sullivan, A., *Urban Economics*, (5th Edition), McGraw-Hill/Irwin (2003).
Henderson, J.V., *Economic Theory and the Cities*, (2nd Edition), Academic Press, (1985).
Mills, E. S. and B.W. Hamilton, *Urban Economics*, (4th Edition), Scott, Foresman and Company, (1989).
DiPasquale, D. and W. C. Wheaton, *Urban Economics and Real Estate Markets*, Prentice Hall, Englewood Cliffs, NJ, (1996).
Fujita, M., *Urban Economics Theory*, Cambridge University Press, (1989).

7. List Faculty Qualified to Teach This Course.

Dennis Muraoka
Ashish Vaidya
Paul Rivera

8. Frequency.

a. Projected semesters to be offered: Fall X Spring Summer

9. New Resources Required.

- a. Computer (data processing), audio visual, broadcasting needs, other equipment- None
- b. Library needs- None
- c. Facility/space needs- None

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

<u>Dennis Muraoka</u>	<u>October 29, 2003</u>
_Proposer of Course	Date