


Transportation and Land Use

1-1



Lesson 1

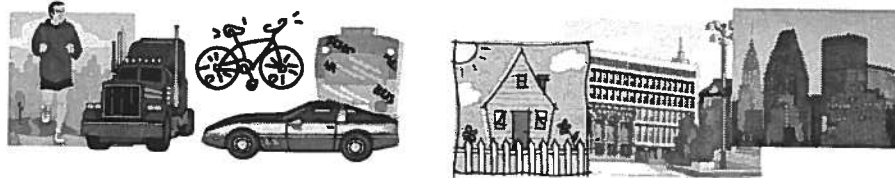
Introduction

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Course Goal

- ▶ Upon completion of this course, learners will be able to actively participate in the development of transportation systems that support desired land uses, as well as help shape land uses that support the transportation system.

Transportation ↔ **Land Use**



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Introductions

- ▶ Name
- ▶ Affiliation
- ▶ Experience with transportation and land use integration
- ▶ Your expectations from this course



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A Few Problems...

- ▶ Increasing vehicle-miles of travel (VMT), traffic congestion, and environmental impacts...
- ▶ Transportation investment needs exceeding our financial resources...
- ▶ Over 40,000 traffic fatalities a year...



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A Few Problems...

- ▶ Communities where we can't walk, bike, or take transit...
- ▶ Loss of prime open space, agricultural land, and natural habitat...



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few options

Course Learning Outcomes

- ▶ Explain how transportation decisions affect land use, growth patterns, and related community impacts on both regional and local scales
- ▶ Explain how land use patterns affect peoples' travel patterns and the overall performance of the transportation system
- ▶ Describe the various transportation planning processes and how land use considerations can be integrated into these processes
- ▶ Describe local comprehensive planning and land use regulatory activities, and how the process and outcomes of these activities can support local and regional transportation objectives

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Learning Outcomes (con.)

- ▶ Identify the full range of stakeholders that should be involved in transportation and land use planning and decision-making, and describe methods for involving these stakeholders
- ▶ Describe methods that are available for implementing coordinated transportation and land use strategies
- ▶ Identify analytical tools that are available for measuring and forecasting the impacts of transportation and land use decisions

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Overview of Course: Day 1

- ▶ Lesson 2: Principles of Transportation and Land Use
- ▶ Lesson 3: Planning Processes, Roles, and Responsibilities
- ▶ Lesson 4: Public Participation and Stakeholder Collaboration

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Overview of Course: Day 2

- ▶ Lesson 5: Regional Planning
- ▶ Lesson 6: Corridor Planning
- ▶ Lesson 7: Transportation Project Development
- ▶ Lesson 8: Local Planning

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Overview of Course: Day 3

- ▶ Lesson 9: Roadway and Streetscape Design
- ▶ Lesson 10: Transit-Oriented Development
- ▶ Lesson 11: Analytical Tools and Methods
- ▶ Lesson 12: Implementation

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Logistics

- ▶ Class time
- ▶ Be on time
- ▶ Return promptly from breaks and lunch
- ▶ Location of restrooms
- ▶ Lunch spots and other nearby attractions
- ▶ ☺ Please turn cell phones and pagers off



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To Get the Most Out of the Course...

- ▶ Participate in discussions
- ▶ Work together
- ▶ Maintain a sense of humor
- ▶ Don't be afraid to ask questions and contribute your opinions...
 - » But keep to the business at hand
- ▶ Respect and value the diversity of opinions and perspectives!



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Participant Materials

- ▶ Participant Workbook
 - » Copies of slides
 - » Additional reference materials by lesson
 - » Appendix A: List of Terms & Acronyms
 - » Appendix B: Glossary
 - » Appendix C: References
 - » Appendix D: Case Studies
- ▶ Course Reference Manual CD-ROM
 - » Workbook materials with instructor notes

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