

MET UA510

Special Topics: New Trends in Transportation

Tuesdays
6:00-8:45PM
Classroom: TBA

Instructor:
Joshua Hassol, Ph.D.
jhassol@bu.edu

Transportation is changing faster than ever before. New vehicle technologies, including electric vehicles and automated vehicles, have the potential to transform longstanding paradigms of vehicle ownership and use. New transportation services such as ride-hailing, bikeshare, and electric scooters, enabled by information and communication technologies, offer new travel choices and also new business models.

This course will apply principles of micro-economics along with information on macro-level factors such as changing demographics, to develop a framework for understanding transportation trends. This course will use the framework to explore likely trends in electric vehicles, automated vehicles, “micro-mobility” modes, and mobility-as-a-service, and their impacts on travel behavior, as well as explore the likely future of traditional public transportation within the emerging transportation ecosystem.

