First Paper: Case Study
A descriptive case study of a particular transportation or logistics firm or industry, or of a public policy debate.
• Passenger rail in the United States
• O’Hare expansion plan
• Capacity problems for Union Pacific railroad
• The *Chicago Metropolis 2020* plan
• Urban growth boundaries
• Facility location for emergency services
• Airline response to fuel price increases
• Capacity expansion at San Diego airport
• Railroad track maintenance
• Highway privatization
• Foreign investment restriction in U.S. aviation
• Railroad regulation in the United States
• US Airways / America West merger
• The Chicago area transit financial crisis of 2007
• Dynamic routing for commercial trucks
• Fourth party logistics
• Transportation and the environment
• Regulation of motor carriers
• Design of parking lots
• Airport privatization
• Low cost air carriers in Asia
• Electronic ticketing for commuter rail
• Effect of urban growth boundary on Portland, Oregon
• Developments in ocean shipping companies
• “Cashing out” of parking by employers
• Transit in Colorado Springs
• Container shipping possibilities on the Great Lakes
• Effect of highway congestion pricing on retail stores
• Effect of videoconference on business air travel
• Exclusive highway lanes for BRT and taxis
• Anti-trust immunity and airline fares
• Defining captive shippers of railroads
• Evolution of air cargo hubs
• Economic development effects of high-speed passenger rail
• Rail transit in Los Angeles
• Growth of Emirates, Eithad and Qatar airlines
• Activity-based travel demand models
• Effect of California high-speed passenger rail on land use
• Reverse logistics in retailing
• Mapping for disaster preparedness
• Barriers to domestic Bus Rapid Transit development
• Economic impact of Japanese high-speed trains
• Effect of new high-speed rail service on land use in Takaoka, Japan
• Queuing models of airport security screening
• Express rail service to O’Hare
• ADA Paratransit finances
• The Hyperloop
• IKEA’s supply chain
• Cruising for parking

Second Paper: Research Paper
An extended, analytical, paper that evaluates a specific public policy initiative or a business issue.
• High speed passenger rail feasibility in the United States
• Effect of competition on air fares
• Design of Lincoln Street / Sheridan Road intersection
• Essential Air Services program evaluation
• Population density and transit performance
• Effect of flight restrictions on Dallas Love Field on fares at Dallas-Fort Worth airport
• Effects when an airport ceases to be a hub (two separate student papers)
• Cabotage in aviation
• Financial feasibility of Positive Train Control
• Effect of travel across time zones on performance of professional baseball players
• Oil and gas exports from Russia to Europe
• Effect of truck driver safety violation notification system
• Effect of fuel prices on airline financial performance
• ADA paratransit provision
• Transit investments association with the Olympic Games
• Carbon emissions in supply chains
• The effect of ethanol as a fuel on food production
• Air cargo to Hawaii
- Effect of airline capacity reductions in 2008
- Worldwide airline stock prices
- Effect of population growth on commuter rail ridership
- Comparison of transit provision in five cities
- Competition between container shipping companies
- Parking policies on Northwestern’s Evanston campus
- Financial performance of high-speed passenger rail
- Pedestrian deaths on the railroad
- Effect of e-shopping on shopping trips
- Stability of duopoly in airline markets
- Cost-benefit analysis of exclusive highway lanes for BRT and taxis
- Competition and fares on air routes from Las Vegas
- Market power in coal transportation from the Powder River Basin
- Effect of airline baggage fees
- Effect of network expansion on ridership of Los Angeles rail transit
- Growth of transcontinental air service
- How the valuation of time may vary by mode
- Ranking U.S. corridors for high-speed passenger rail development
- Airline market power and flight delays
- Self on self-distribution laws on development of craft breweries
- Comparison of BRT versus LRT ridership in Los Angeles
- Airport security screening
- Fare elasticities for subway and commuter rail services
- Effect of texting bans on highway fatalities
- Effect of “bad news” on airline stock prices
- Development in railways in the Soviet Union 1917-1932
- Optimal locations for hub airlines in the United States