Transportation and Logistics (TLMT)

TLMT500 History of Transportation (3 semester hours)
This course is designed to provide the graduate student with a study of the major historical events in the transportation industry. Topics include agricultural, industrial, information, interstate, and intrastate transportation events and precedents. The course will provide both a broad analysis of the industry and specific seminal events in its history.

View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT500) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT501 Transportation Policy and Planning (3 semester hours)
This course demonstrates the 21st century importance of strategic transportation and logistics planning in contributing to corporate profits, customer service enhancements leading to higher sales and a marketing weapon to gain sustainable competitive advantage. The importance of moving information becomes equal to the movement of goods. Managerial perspectives are offered on aligning corporate planning, technology, financial controls and logistics performance measurement. We will also gain an overview on the interaction among stakeholders in the public and private sectors in aligning public policy with global uncertainties.

View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT501) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT502 Comparative Transportation Systems (3 semester hours)
This course is designed to provide students with a solid knowledge of multi-modal transportation systems, the characteristics of individual transportation modes, international differences in transportation management, and transportation economics as they apply to multi-modal transportation management. Topics include comparative analysis of the various modes (motor carriers, railroads, water carriers, air carriers and pipelines), international differences in transportation management, economics of transportation systems, and the role of transportation systems in the modern organization.

View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT502) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT600 National Transportation Management (3 semester hours)
This course aligns transportation management with a comprehensive overview of intermodal transportation and logistics management. We will look at recent trends in the field and its important stakeholders. Business logistics/supply chain will be viewed from managerial perspectives impacting physical distribution, materials management, transportation management, and logistics and supply chain management. The course covers the planning, organizing, and controlling of these activities including sub-activities such as transportation basics, inventory and location strategies.

View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT600) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT601 Transportation Economics (3 semester hours)
The course provides the student with a coherent and integrated framework, based on micro and macro economic principles, for understanding aggregate transportation activity. Issues include: regulation, tariffs, interstate commercial policy, international trade, and transportation exchange rates.

View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT601) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT602 RFID Uses in Logistics (3 semester hours)
The course will teach students how to analyze and advise decision makers in the use of RFID technology compared to the use of bar code tracking systems in logistics and transportation applications. Students will be able to describe the history, rationale and management impacts of why this technology was mandated by the Department of Defense and Walmart in January 2005 to be used on all shipping pallets and containers. Students will classify and explain how different active and passive RFID technology can be used to increase product movement and storage visibility along supply chains. Students will examine and compare how a real-world application of this technology is improving logistics visibility in a military or retail environment. Students will design an implementation plan to incorporate RFID technology as part of a real-world business model. Students will work in a team environment as well as individuals in creating a series of written papers on the current state of the art in using RFID technology to meet the retail or military transportation and logistics needs. Students will conduct an informal survey of military or retail decision makers to learn how to appraise qualitative as well as quantitative data and reports of the use of this technology.

View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT602) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.
TLMT603 Strategic Intermodal Transportation (3 semester hours)
This course examines the United States and worldwide commercial freight transportation systems, with an emphasis on international intermodal surface transportation. Modal/intermodal economic and operating characteristics will be surveyed, along with cost, pricing, and regulation of transportation services. In addition, students will be introduced to electronic data interchange (EDI) in commercial transportation and the use of computer software applications in transportation management—all with the goal of providing students with an in-depth understanding of the principles of intermodal transportation systems, a grasp of transportation terminology, and the interrelationship between the Defense Transportation System (DTS) and the global commercial transportation infrastructure. View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT603) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT605 Cargo Security Management (3 semester hours)
This course is designed to address the multi-billion dollar annual loss globally due to cargo theft. Topics include: asset protection in the transportation industry, analysis of freight system vulnerability, development of an effective cargo security plan, review of industry standards, and best practices in the industry. View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT605) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT607 Port and Terminal Operations (3 semester hours)
An in-depth look at the workings of maritime port operations and intermodal transportation systems. Course topics include the governance and administration of ports and marine terminals, the role of regulatory agencies, navigation and safety, port operations and development including the process to fund and carry out dredging projects. Cargo handling for containers and dry and liquid bulk operations will be discussed along with a look at productivity of terminal operations. Comparisons will be made with other regions of the world. A review of major steamship lines, their trading patterns and future trends among the industry will be covered along with technological advances in vessels and terminal operating equipment. A strong emphasis will be placed on current issues in port policy. View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT607) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT611 Global Logistics Management (3 semester hours)
This course provides an understanding of leading-edge logistics management, as well as principles and techniques available to achieve optimum operational efficiencies. Topics include: development of logistics, logistical economic significance, the importance of logistics management in transportation operations, application of supply chain management concepts, role of information systems, elements and management of global logistics, distinctions and characteristics of international versus domestic logistics, global transportation options, traffic management, global transportation decision-making, management of inventory costs, measurement and control of integrated logistics systems, and development of effective world-wide logistics strategies. View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT611) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.

TLMT698 Comprehensive Exam in Transportation and Logistics (0 semester hours)
This course is the comprehensive final examination for students in the Master of Arts in Transportation and Logistics Management program. IMPORTANT: You must have COMPLETED all other courses in the program and have a GPA of 3.0 in order to register for this course. As a Transportation and Logistics Management student, you must pass this comprehensive exam in order to have your degree conferred. The comprehensive exam must be taken by the course end date or a failing grade will be posted. If you fail your first course attempt to pass the comprehensive exam, you will need to get approval to register for a second attempt of the course and BOTH final course grades will show in your transcript. View the course schedule [here](https://www.apus.edu/course-schedule/details.html?c=TLMT698) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.
TLMT699 Transportation and Logistics Management Capstone (3 semester hours)

This course is available to graduate students majoring in transportation and logistics management. This course will involve a major research paper or thesis option that demonstrates understanding of the program objectives. The research paper and thesis will demonstrate understanding of social science research methodology. A Research Manual with explicit guidance for the research paper and thesis option will be available. The student shall select their research paper or thesis option professor from designated APUS faculty. Students should confer with the professor overseeing the research paper or thesis option to determine which exit option is the best for the student’s needs. NOTE: This course may not be taken until all other courses are COMPLETED and student has a 3.0 GPA. THIS COURSE IS 16 WEEKS. View the course schedule (https://www.apus.edu/course-schedule/details.html?c=TLMT699) to find out details about each course including prerequisites, course objectives, course materials, a snapshot of the syllabi, and session dates.