

# TRANSPORTATION MGMT (TRA)

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**TRA 2010 Transportation****Credit Hours:** 3

This is an introductory course in transportation systems that explores the role and importance of transportation in the distribution of goods. The course focuses on the infrastructure of the freight transportation system, modes of transportation, transportation regulations, and public policy. Students will be introduced to the carrier cost structures, operating characteristics, and policy regulations governing various transportation modes.

**TRA 2098 Warehouse Management****Credit Hours:** 3

This course includes warehousing functions, facility operations, financial analysis, and productivity improvement, and measurement. Students will be introduced to key concepts, strategies and processes used in the production of goods, from securing raw materials to distributing them to customers. Students will explore transportation planning, technology, inventory control, warehouse management, quality control and procurement, thereby obtaining marketable skills in operations and supply chain management.

**TRA 2131 Purchasing****Credit Hours:** 3

This course provides an overview of the roles and responsibilities involved in logistics procurement (purchasing). Emphasis is placed on purchasing procedures, purchase orders, technology used in purchasing operations, inventory control, purchasing documentation and communication, current issues faced in purchasing, supply law and ethics, and global supply.

**TRA 2142 Regulatory Compliance for Logistics Managers****Credit Hours:** 3

This is an introductory course in contemporary logistics that examines the role and importance of logistics including all aspects of transportation throughout the supply chain. Emphases include strategic and financial logistics, procurement, and the major elements of logistics systems and processes. Students will be introduced to inventory, warehousing, and transportation management as well as the macro-environmental influences on international logistics.

**TRA 2152 Operations Management****Credit Hours:** 3

This course provides an overview of the roles and responsibilities involved in operations management and introduces concepts and techniques related to the design, planning, control, and improvement of operations management. Emphasis is placed on managing different types of logistic operations and general managerial functions and skills.

**TRA 2154 Supply Chain Management****Credit Hours:** 3

This course presents an integrated approach for the effective management of principal activities involved in the procurement and processing of materials, goods, or services from suppliers and subcontractors to customers. The course focuses on principles, concepts, and factors that contribute to an efficient and integrated supply chain. Students will learn about specific supply chain management functions including purchasing, inventory management, warehousing, supplier quality assurance, e-commerce, information flow, and customer service.

**TRA 2943 Transportation and Logistics Internship****Credit Hours:** 3**Lab Fee:** Yes

This internship course provides the student with an opportunity to apply their educational background to logistical issues confronted by cooperating firms, resulting in real-time experience in transportation and logistics management. This internship includes practical, on the job experience in a business or organization under executive supervision. Prior approval of the program manager is required.

**TRA 2948 Service-Learning Field Studies 1****Credit Hours:** 1

This course gives students opportunity to understand the relationship of theory to practice through participation in a service-learning experience. Students are required to complete 20 hours of volunteer work, a service-learning contract, and an oral and written reflection of the experience.