

TRANSPORTATION AND LOGISTICS (A.S.)

Previous Degree Required: HS Diploma

Eligible for Financial Aid: Yes

Delivery Method(s): Online

Location(s): Online

Limited Access: No

Program Testing Requirements: Assessment in Reading, Writing, and Math

Academic Community: BUSN

Program Code: TLAS

Classification of Instructional Programs (CIP) Code: 52.0203

Florida Department of Education CIP Code: 1652020301

This program is designed for students who seek employment in the field of logistics and/or the transportation industry. Also, this program is appropriate for students who decide to utilize this articulated A.S. career path to transfer to any Florida public university as a junior to complete a four-year bachelor's degree in business. This program will help students develop managerial knowledge to become valuable assets to any company. Instruction in this program provides a balanced curriculum of general education and topical subjects in transportation and logistics. Students are strongly encouraged to consult a career program advisor in the department office for assistance in determining the best education plan for their career goals.

The Transportation and Logistics A.S. degree program includes the following College Credit Certificates:

- [Intermodal Freight Transportation CCC](#)
- [International Freight Transportation CCC](#)

Refer to the [Associate in Science \(A.S.\)](#) page to find information about admission, graduation, general education and other requirements. Students will work with an advisor to determine the courses best suited to their plan of study.

Visit the [program page](#) for more information.

Program of Study

Code	Title	Credit Hours
General Education Courses		
ENC 1101	Composition 1	3
	Humanities Core Requirement	3
	Mathematics Core Requirement	3
	Natural Science Core Requirement	3
	Social/Behavioral Science/Core-Civic Literacy Requirement	3
Major Courses		
ACG 2021	Financial Accounting	3
CGS 2100	Microcomputer Applications	3
GEB 1011	Introduction to Business	3
MAN 2043	Quality Management Control	3
MAN 2125	Supervision and Performance Improvement	3
MNA 2216	Inventory Management	3
TRA 2010	Transportation	3
TRA 2098	Warehouse Management	3

TRA 2131	Purchasing	3
TRA 2152	Operations Management	3
TRA 2154	Supply Chain Management	3

Technical Electives

Select 16 credits from the following:		16
ACG 2071	Managerial Accounting	
BUL 2241	Business Law 1	
CGS 2571	Microcomputer Applications-Advanced	
ECO 2013	Principles of Economics 1 (Macroeconomics)	
ECO 2023	Principles of Economics 2 (Microeconomics)	
GEB 2350	Principles of International Business	
MAC 1105	College Algebra	
MAC 1233	Essentials of Calculus	
MAN 2021	Business Management Principles	
MAR 2011	Marketing Principles	
MAT 1033	Intermediate Algebra	
TRA 2142	Regulatory Compliance for Logistics Managers ¹	
TRA 2948	Service-Learning Field Studies 1	
	Physical Science Course ¹	

Total Hours: 64

Note: In accordance with Florida Statute and Florida Administrative Code, students must satisfy the [Civic Literacy Graduation Requirement](#).

¹ Although TRA 2142 Regulatory Compliance for Logistics Managers is not a required course, it is strongly recommended as a Technical Elective.

Course Sequence

Below is the recommended sequence for taking courses in this degree. Using this guide and meeting with your assigned advisor each term is the key to successful program completion.

Please note that course prerequisites, including required developmental math, reading, or writing, need to be completed to continue on to the more advanced course. Click on the course number to see the requirements.

Code	Title	Credit Hours
ENC 1101	Composition 1	3
GEB 1011	Introduction to Business	3
	Social/Behavioral Science/Core-Civic Literacy Requirement	3
TRA 2010	Transportation ^{Fa}	3
	Technical Elective ¹	3
ACG 2021	Financial Accounting	3
CGS 2100	Microcomputer Applications	3
	Mathematics Core Requirement	3
TRA 2098	Warehouse Management ^{Sp}	3
	Technical Elective ¹	3
MAN 2043	Quality Management Control	3
TRA 2131	Purchasing	3
TRA 2152	Operations Management	3
TRA 2154	Supply Chain Management ^{Fa}	3
	Technical Elective ¹	3

<u>Humanities Core Requirement</u>		3
MAN 2125	Supervision and Performance Improvement	3
MNA 2216	Inventory Management	3
<u>Natural Science Core Requirement</u>		3
TRA 2142	Regulatory Compliance for Logistics Managers ¹ , Sp	3
Technical Elective ¹		3
Technical Elective ¹		1
Total Hours:		64

¹ Select 16 credit hours from the Technical Electives list in the Program of Study. Although TRA 2142 is not a required course, it is strongly recommended that students take this course as a Technical Elective.

FaCourse offered in fall term

SpCourse offered in spring term

* Course scheduling may be subject to change

Learning Outcomes

1. Analyze inventory control problems and methods such as demand forecasting, independent demand inventory systems, inventory models and aggregate planning
 - *Core Ability Supported: Think Critically and Solve Problems*
2. Demonstrate proper management strategies
 - *Core Ability Supported: Think Critically and Solve Problems*
3. Analyze contemporary issues in transportation and logistics, such as international operations and security
 - *Core Ability Supported: Think Critically and Solve Problems*
4. Demonstrate procurement and purchasing practices as they apply to transportation and logistics
 - *Core Ability Supported: Process Information*
5. Analyze issues in human resources and labor relations
 - *Core Ability Supported: Think Critically and Solve Problems*
6. Demonstrate basic skills in project management
 - *Core Ability Supported: Communicate Effectively*
7. Demonstrate sound practice in supply chain management
 - *Core Ability Supported: Work Cooperatively*
8. Analyze issues in inventory control
 - *Core Ability Supported: Think Critically and Solve Problems*