Transportation and Logistics
Associate in Science | Code: 28000 | 64 credits
CIP (1652020301**)**
Effective Term: Fall 2024 (2247)

This Transportation and Logistics A.S. degree program provides core courses in transportation policy, law, safety, security, management and marketing, and an integrated understanding of the intermodal relationship between the various modes of transportation. In addition, college credit certificates will be offered in Intermodal Freight Transportation and International Freight Transportation.

GENERAL EDUCATION REQUIREMENTS (15.00 Credits)
COMMUNICATIONS (3.00 Credits)

ENC 1101	English Composition 1	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).

HUMANITIES (3.00 Credits)

HUM 1020	Humanities	(3 credits)	

MATHEMATICS (3.00 Credits)

MAC 1105	College Algebra	(3 credits)	Prerequisite: MAT 1033⬧
STA 2023	Statistical Methods	(3 credits)	Prerequisite: MAT 1033⬧, MGF 1131

⬧**Note:** Students must seek advisement for proper mathematics course from discipline chairperson.

NATURAL SCIENCE (3.00 credits)

PHY 1020	General Education Physics	(3 credits)

SOCIAL SCIENCE (3.00 credits)

AMH 2010	History of the US to 1877	(3 credits)
AMH 2020	History of the US since 1877	(3 credits)
POS 2041	American Federal Government	(3 credits)

COMPUTER COMPETENCY
Test type(s) needed:
Computer Competency Test (CCT)
---OR---
CGS 1060C   Introduction to Computer Technology & Applications

MAJOR CORE REQUIREMENTS (23.00 Credits)

ACG 2021	Financial Accounting Corequisite: ACG 2021L	(3 credits)	
ACG 2021L	Financial Accounting Lab	(1 credit)	Corequisite: ACG 2021
ACG 2071	Managerial Accounting	(3 credits)	Prerequisite: ACG 2021 Corequisite: ACG 2071L
ACG 2071L	Managerial Accounting Lab	(1 credit)	Prerequisite: ACG 2021 and ACG 2021L Corequisite: ACG 2071
ECO 2023	Principles of Economics (MICRO)	(3 credits)	Prerequisite: MAT1033⬧
MAN 2021	Principles of Management	(3 credits)	
TRA 1154	Introduction to Supply Chain Management	(3 credits)	

| TRA 2010 | Introduction to Transportation and Logistics | (3 credits) | |
| QMB 2100 | Basic Business Statistics | (3 credits) | Prerequisite: Acceptable score on the Algebra Placement test or equivalent |

PROGRAM CORE REQUIREMENTS (21.00 Credits)
Group A (18.00 credits)

AVM 2120	Air Cargo Operations	(3 credits)	
DSC 2242	Transportation and Border Security	(3 credits)	
TRA 2156	Operations Management for Transportation	(3 credits)	Prerequisite: MAN 2021
TRA 2321	Transportation Public Policy, Law and Regulations	(3 credits)	Prerequisite: TRA 2010
TRA 2402	Intermodal Transportation Operations and Project Management	(3 credits)	Prerequisites: AVM 2120, TRA 2010 Corequisites: TRA 1410, TRA 1420, TRA 1430
TRA 2702	International Logistics and Transportation	(3 credits)	Prerequisites: TRA 2010, TRA 2321

---AND---

Group B (3.00 credits)

TRA 1410	Introduction to Rail Freight Operations	(3 credits)	Corequisites: TRA1420, TRA 1430
TRA 1420	Introduction to Trucking Operations	(3 credits)	Corequisites: TRA1410, TRA 1430
TRA 1430	Introduction to Port Freight Operations	(3 credits)	Corequisites: TRA 1410, TRA 1420

CAPSTONE COURSE REQUIREMENT (1.00 Credit)

| TRA 2945 | Transportation & Logistics Capstone I | (1 credit) | Prerequisite: Departmental Approval & Completion of the Program Core Requirements |

ELECTIVES (4.00 Credits)

AVM 1062	Aviation Career Planning 1		
AVM 1949	Co-Op Work Experience 1: AVI	(3 credits)	Prerequisite: Departmental Permission
CGS 1060C	Introduction to Computer Technology & Applications	(4 credits)	
MAT 1033	Intermediate Algebra	(3 credits)	Prerequisites: MAT0022C, or MAT0028, or MAT0057 or by placement score, or eligible exemption

ACG*	FIN2*	MAN2*	QMB*
BUL*	GEB*	MAR*	SBM*
ECO*	HFT*	OST*	TAX*
FIN1*	MAN1*	PUR*	TRA