

BAS, LOGISTICS OPERATIONS MANAGEMENT

Program Description

The Bachelor of Applied Science, Logistics Operations Management is a four-year degree which provides students with the technical expertise and knowledge needed to meet the Northern Nevada operations and logistics industry technical workforce needs. The Logistics Management AAS and Production Systems AAS are feeder degrees to the program. Students' year 3, semester 1 classes are dependent on the AAS they earned. This degree responds to employers' expressed needs to have a well-qualified logistics operations workforce trained and ready to meet workforce demand, thus ensuring long-term economic success for the region.

Recommended Course Schedule

Students may apply for admission to the BAS in Logistics Management prior to completion of their AAS degree and may work on lower and upper-division coursework simultaneously if needed to ensure timely completion of the program. It is recommended that students who wish to do this, work with the department to plan an appropriate course schedule.

1st semester		Units
Option 1: Entering with AAS in Productions Systems		
LGM 202	International Logistics Management	3
LGM 209	Logistics and Quality Management Tools II	3
LGM 210	Studies in Procurement and Logistics	3
LGM 212	Transportation Management	3
BUS 225	Business Operations Applied Statistics	3
Semester Total		15
Total Units		15

1st semester		Units
Option 2: Entering with AAS in Logistics Management		
BUS 325	Legal Environment	3
LGM 320	Logistics Security	3
LGM 340	Production & Logistics Information Systems	3
DFT 110	Print Reading for Industry	3
MPT 110	Automated Production Concepts I	3
Semester Total		15
Total Units		15

1st semester		Units
Total Units from AAS degree		60
Total units from option 1 or 2:		15
Semester Total		75

2nd semester		Units
LGM 330	Warehousing	3
LGM 352	Decision Modeling for Logistics	3
BUS 330	Business Presentations	3
Science : GE Lab		3
MPT 140	Quality Control	3
Semester Total		15

3rd semester

LGM 410	Finance and Budgeting	3
LGM 420	Safety and Risk Management	3
SCM 474	Purchasing and Global Sourcing	3
LGM 490	Field Study and Research Capstone	3
EMHS 429	Transportation Systems: Security and multi-modal transportation	3
Semester Total		15

4th semester

LGM 450	Sustainability: Environmental and Financial Impact	3
LGM 460	Legal Concepts for Transportation and Logistics Management	3
LGM 470	Import Export Management	3
MPT 135	Material Handling	2
LGM 491 or LGM 440	Logistics Operations Management Internship or Logistics Project Management	3
OSH 222	General Industry Safety	1
Semester Total		15
Total Units		120

To earn a Bachelor's Degree students must:

- Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
- Satisfy General Education requirements for Bachelor's degrees (<http://catalog.tmcc.edu/degrees-certificates/general-education/aa-as/>).
- Complete 120 units in total.
 - 32 units must be completed at TMCC.
 - 40 units of upper-division units.
- Have no financial or library obligation to the college.

Code	Title	Units
<i>General Education Requirements for a Bachelor's degree must be met. Depending on courses taken in the AAS, you may be required to take additional units to satisfy these requirements.</i>		
<i>English</i> ¹		[3-6]
ENG 102 or ENG 114	Composition II Composition II For International and Multilingual Students	
<i>Fine Arts</i>		[3]
<i>Humanities</i>		[3]
<i>Mathematics</i>		
Required:		
MATH 120	Fundamentals of College Mathematics (or higher)	[3]
<i>Science</i>		[6]
<i>Social Science</i>		
Required:		
ECON 102	Principles of Microeconomics	[3]

Code	Title	Units
Students entering with either AAS in Productions Systems or Logistics Management will need to follow the specified courses in the first semester. All other students must complete all courses from option 1 and option 2.		60
<i>Select Option 1 or 2</i>		<i>12</i>
<i>Option 1 for AAS in Productions Systems graduates:</i>		
LGM 202	International Logistics Management	[3]
LGM 209	Logistics and Quality Management Tools II	[3]
LGM 210	Studies in Procurement and Logistics	[3]
LGM 212	Transportation Management	[3]
<i>Option 2 for AAS in Logistics Management graduates:</i>		
DFT 110	Print Reading for Industry	[3]
MPT 110	Automated Production Concepts I ²	[3]
MPT 140	Quality Control ²	[3]
MPT 135	Material Handling ²	[2]
OSH 222	General Industry Safety	[1]
<i>Degree requirements for all students:</i>		
BUS 325	Legal Environment	3
BUS 330	Business Presentations	3
LGM 320	Logistics Security	3
LGM 330	Warehousing	3
LGM 340	Production & Logistics Information Systems	3
LGM 352	Decision Modeling for Logistics	3
LGM 410	Finance and Budgeting	3
LGM 420	Safety and Risk Management	3
LGM 450	Sustainability: Environmental and Financial Impact	3
LGM 460	Legal Concepts for Transportation and Logistics Management	3
LGM 470	Import Export Management	3
SCM 474	Purchasing and Global Sourcing	3
Science Lab, GE		3
EMHS 429	Transportation Systems: Security and multi-modal transportation	3
Capstones:		6
LGM 490	Field Study and Research Capstone	
LGM 491	Logistics Operations Management Internship	
or LGM 440	Logistics Project Management	
Total Units		120

- Apply the concepts of the professional skills and competency in logistics operations management, such as transportation, procurement, operations design, supervision and management, safety, and warehousing.
- Will be prepared to work as logistics operations professionals within one or more of the job categories related to this field.

1

If you place into ENG 102 (<http://catalog.tmcc.edu/search/?P=ENG%20102>) or ENG 114 (<http://catalog.tmcc.edu/search/?P=ENG%20114>), there are no additional units of English required for the BAS. Students must have a total of 120 units to complete the BAS degree.

2

Must complete all modules to meet total unit requirements.

Students completing this degree will:

- Identify the underlying principles of the role of logistics operations management within business.