

# BACHELOR OF APPLIED SCIENCE - LOGISTICS OPERATIONS MANAGEMENT

This is an applied 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.

## Degree Outcomes

Students completing this degree will:

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

Completion of one of the following degrees is required for entrance into the BAS in Logistics Management. 60

Associate of Applied Science, Logistics Management

Associate of Applied Science, Productions Systems

General Education Requirements must be met. Depending on courses taken in the AAS, you may be required to take additional units to satisfy these requirements.

English <sup>1</sup> [3-6]

ENG 102	Composition II	
or ENG 114	Composition II For International Students	

Fine Arts [3]

Humanities [3]

Mathematics

Required:

MATH 120	Fundamentals of College Mathematics (or higher)	[3]
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Science [6]

Social Science

Required:

ECON 102	Principles of Microeconomics	[3]
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Students entering with either AAS in Productions Systems or Logistics Management will need to follow the specified courses in the first semester. 60

Select Option 1 or 2 12

Option 1 for AAS in Productions Systems graduates:

LGM 202	International Logistics Management	[3]
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LGM 209	Logistics and Quality Management Tools II	[3]
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LGM 210	Studies in Procurement and Logistics	[3]
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LGM 212	Transportation Management	[3]
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Option 2 for AAS in Logistics Management graduates:

DFT 110	Print Reading for Industry	[3]
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MPT 110	Automated Production Concepts I <sup>2</sup>	[3]
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MPT 140	Quality Control <sup>2</sup>	[3]
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MPT 135	Material Handling <sup>2</sup>	[2]
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OSH 222	General Industry Safety	[1]
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Degree requirements for all students:

BUS 325	Legal Environment	3
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BUS 330	Business Presentations	3
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LGM 320	Logistics Security	3
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LGM 330	Warehousing	3
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LGM 340	Production & Logistics Information Systems	3
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LGM 352	Decision Modeling for Logistics	3
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LGM 410	Finance and Budgeting	3
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LGM 420	Safety and Risk Management	3
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LGM 450	Sustainability: Environmental and Financial Impact	3
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LGM 460	Legal Concepts for Transportation and Logistics Management	3
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LGM 470	Import Export Management	3
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SCM 474	Purchasing and Global Sourcing	3
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Science Lab, GE		3
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EMHS 429	Transportation Systems: Security and multi-modal transportation	3
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Capstones:		
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LGM 490 & LGM 491	Field Study and Research Capstone and Logistics Operations Management Internship	6
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Total Units		120
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<sup>1</sup> If you place into ENG 102 or ENG 114, there are no additional units of English required for the BAS. Students must have a total of 120 units to complete the BAS degree.

<sup>2</sup> Must complete all modules to meet total unit requirements.

Course	Title	Units
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**1st semester**

Option 1: Entering with AAS in Productions Systems

LGM 202	International Logistics Management	3
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LGM 209	Logistics and Quality Management Tools II	3
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LGM 210	Studies in Procurement and Logistics	3
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LGM 212	Transportation Management	3
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LGM 320	Logistics Security	3
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Semester Total		15
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Total Units		15
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Course	Title	Units
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**1st semester**

Option 2: Entering with AAS in Logistics Management

DFT 110	Print Reading for Industry	3
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LGM 320	Logistics Security	3
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MPT 110	Automated Production Concepts I	3
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MPT 135	Material Handling	2
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MPT 140	Quality Control	3
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OSH 222	General Industry Safety	1
Semester Total		15
Total Units		15

Course	Title	Units
<b>1st semester</b>		
Total Units from AAS degree		60
Total units from option 1 or 2:		15
Semester Total		75

<b>2nd semester</b>		
BUS 330	Business Presentations	3
LGM 330	Warehousing	3
LGM 340	Production & Logistics Information Systems	3
LGM 352	Decision Modeling for Logistics	3
Science : GE Lab		3
Semester Total		15

<b>3rd semester</b>		
BUS 325	Legal Environment	3
LGM 410	Finance and Budgeting	3
LGM 420	Safety and Risk Management	3
SCM 474	Purchasing and Global Sourcing	3
EMHS 429	Transportation Systems: Security and multi-modal transportation	3
Semester Total		15

<b>4th semester</b>		
LGM 450	Sustainability: Environmental and Financial Impact	3
LGM 460	Legal Concepts for Transportation and Logistics Management	3
LGM 470	Import Export Management	3
LGM 490	Field Study and Research Capstone	3
LGM 491	Logistics Operations Management Internship	3
Semester Total		15
Total Units		120