

Standing Requirements

Program Mission Statement

The mission of the program is to prepare the students to be successful in their career as leaders/managers by educating them with the fundamental knowledge areas of logistics and supply chain management, modeling approaches to make effective decisions, application areas, and also introducing them with the cutting edge technologies. The program also prepares the students for effective communication, legal aspects of their roles, and ethical standards to maintain in the workplace.

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ERAU University Mission Statement

Our mission is to teach the science, practice and business of aviation and aerospace, preparing students for productive careers¹ and leadership roles in service around the world.²

Our technologically enriched, student-centered environment³ emphasizes learning through collaboration and teamwork,⁴ concern for ethical and responsible behavior,⁵ cultivation of analytical⁶ and management abilities,⁷ and a focus on the development of the professional skills needed for participation in a global community.⁸ We believe a vibrant future for aviation and aerospace rests in the success of our students. Toward this end, Embry-Riddle is committed to providing a climate that facilitates the highest standards of academic achievement⁹ and knowledge discovery,¹⁰ in an interpersonal environment that supports the unique needs of each individual.¹¹ Embry-Riddle Aeronautical University is the world's leader in aviation and aerospace education. The University is an independent, non-profit, culturally diverse institution providing quality education and research in aviation, aerospace, engineering and related fields leading to associate's, baccalaureate's, master's and doctoral degrees.

Program Alignment to University Mission

Select all that apply.

- ¹Preparing students for productive careers
- ²Preparing students for leadership roles in service around the world
- ³Technologically enriched environment
- ⁴Emphasize learning through collaboration and teamwork
- ⁵Concern for ethical and responsible behavior
- ⁶Cultivate analytical abilities
- ⁸Develop the professional skills needed for participation in a global community
- ⁹Facilitating the highest standards of academic achievement
- ¹⁰Facilitating knowledge discovery
- ¹¹Providing an interpersonal environment that supports the unique needs of each individual

Standing Requirements

Program Outcomes

NEW MS Logistics and Supply Chain Management Outcome Set

Outcome

Outcome	Mapping
<p>WW_MSLSCM_PO_01 Research Skills:</p> <p>Author research papers in the appropriate scientific style.</p>	<p>NEW MS Logistics and Supply Chain Management Outcome Set: WW_MSLSCM_PO_01</p>
<p>WW_MSLSCM_PO_02 Decision Making:</p> <p>Evaluate different modeling approaches to solve problems for effective decision making.</p>	<p>NEW MS Logistics and Supply Chain Management Outcome Set: WW_MSLSCM_PO_02</p>
<p>WW_MSLSCM_PO_03 Transportation Solutions:</p> <p>Design solutions for domestic and global transportation problems.</p>	<p>NEW MS Logistics and Supply Chain Management Outcome Set: WW_MSLSCM_PO_03</p>
<p>WW_MSLSCM_PO_04 Inventory Optimization:</p> <p>Choose appropriate inventory management methods to optimize inventory across the supply chain.</p>	<p>NEW MS Logistics and Supply Chain Management Outcome Set: WW_MSLSCM_PO_04</p>
<p>WW_MSLSCM_PO_05 IT Solutions:</p> <p>Recommend information technology solutions for different business needs.</p>	<p>NEW MS Logistics and Supply Chain Management Outcome Set: WW_MSLSCM_PO_05</p>
<p>WW_MSLSCM_PO_06</p>	<p>NEW MS Logistics and Supply Chain Management</p>

Operations Solutions:

Outcome Set: WW_MSLSCM_PO_06

Analyze an organization's warehousing and distribution needs, recommend solutions for effective and efficient distribution operations.

WW_MSLSCM_PO_07
Purchasing Selection:

NEW MS Logistics and Supply Chain Management
Outcome Set: WW_MSLSCM_PO_07

Select purchasing policies, procedures in different business settings.

WW_MSLSCM_PO_08
Performance Tracking:

NEW MS Logistics and Supply Chain Management
Outcome Set: WW_MSLSCM_PO_08

Utilize appropriate metrics to track the performance of the supply chain.

WW_MSLSCM_PO_09
Communication Skills:
Effectively communicate information (in oral and written forms).

NEW MS Logistics and Supply Chain Management
Outcome Set: WW_MSLSCM_PO_09

OLD MS Logistics and Supply Chain Management Outcome Set

Outcome

Outcome	Mapping
WW_MSLSCM_PO_01 <i>Marked obsolete by Constantine Koursaris on 04/12/2017 3:44:38 pm EDT</i> PO 1:Professional Competencies: Understand and apply sound and appropriate logistics and supply chain practices, policy, procedures, regulations, ethics, concepts and skills.	No Mapping
WW_MSLSCM_PO_02 <i>Marked obsolete by Constantine Koursaris on 04/12/2017 3:44:55 pm EDT</i>	No Mapping

Research Skills:

Apply effective research skills and techniques to logistics and supply chain reports.

WW_MSLSCM_PO_03

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Quantitative Analysis:

Apply appropriate quantitative, economic, marketing, planning, accounting, and financial analysis to logistics and supply chain problem solving and decision making.

No Mapping

WW_MSLSCM_PO_04

Marked obsolete by Constantine Koursaris on 04/12/2017 3:45:11 pm EDT

Communication Skills:

Demonstrate comprehensive communication, analysis, quantitative skills and techniques in the solution finding for logistics and supply chain problems or projects.

No Mapping

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WW_MS Logistics and Supply Chain Management

New MSLSCM POs Mapping

Courses and Activities Mapped to NEW MS Logistics and Supply Chain Management Outcome Set

	Outcome								
	WW_MSLSCM_PO_01 Research Skills: Author research papers in the appropriate scientific style.	WW_MSLSCM_PO_02 Decision Making: Evaluate different modeling approaches to solve problems for effective decision making.	WW_MSLSCM_PO_03 Transportation Solutions: Design solutions for domestic and global transportation problems.	WW_MSLSCM_PO_04 Inventory Optimization: Choose appropriate inventory management methods to optimize inventory across the supply chain.	WW_MSLSCM_PO_05 IT Solutions: Recommend information technology solutions for different business needs.	WW_MSLSCM_PO_06 Operations Solutions: Analyze an organization's warehousing and distribution needs, recommend solutions for effective and efficient distribution operations.	WW_MSLSCM_PO_07 Purchasing Selection: Select purchasing policies, procedures in different business settings.	WW_MSLSCM_PO_08 Performance Tracking: Utilize appropriate metrics to track the performance of the supply chain.	WW_MSLSCM_PO_09 Communication Skills: Effectively communicate information (in oral and written forms).
Courses and Learning Activities									
LGMT 536 Purchasing for Logistics and Supply Chain Managers	M	M	I	P	I	P	M	I	P
LGMT 636 Transportation Management	M	I	M	P	I	P	I	I	I
LGMT 682 Integrated Logistics Management	M	P	P	P	P	P	P	P	I
LGMT 683 Supply Chain Management	M	M	M	M	P	M	I	M	I
LGMT 685 Global Logistics and Supply Chain Management	M	P	I	P	P	P	P	P	I
LGMT 691 Logistics and Supply Chain Capstone	M	M	M	M	M	M	M	M	M

Legend :	I Introduced	P Practiced	M Mastered
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WW_MS Logistics and Supply Chain Management

MSLSCM Assessment Schedule with NEW POs

Courses and Activities Mapped to NEW MS Logistics and Supply Chain Management Outcome Set

	Outcome								
	WW_MSLSCM_PO_01 Research Skills: Author research papers in the appropriate scientific style.	WW_MSLSCM_PO_02 Decision Making: Evaluate different modeling approaches to solve problems for effective decision making.	WW_MSLSCM_PO_03 Transportation Solutions: Design solutions for domestic and global transportation problems.	WW_MSLSCM_PO_04 Inventory Optimization: Choose appropriate inventory management methods to optimize inventory across the supply chain.	WW_MSLSCM_PO_05 IT Solutions: Recommend information technology solutions for different business needs.	WW_MSLSCM_PO_06 Operations Solutions: Analyze an organization's warehousing and distribution needs, recommend solutions for effective and efficient distribution operations.	WW_MSLSCM_PO_07 Purchasing Selection: Select purchasing policies, procedures in different business settings.	WW_MSLSCM_PO_08 Performance Tracking: Utilize appropriate metrics to track the performance of the supply chain.	WW_MSLSCM_PO_09 Communication Skills: Effectively communicate information (in oral and written forms).
Courses and Learning Activities									
2015-16 AY	✓						✓		✓
2016-17 AY			✓	✓				✓	
2017-18 AY		✓			✓	✓			
2018-19 AY	✓						✓		✓
2019-20 AY			✓	✓				✓	
2020-21 AY		✓			✓	✓			

Legend : ✓ = Aligned

2017-2018 Assessment Cycle

Assessment Plan

Measures

NEW MS Logistics and Supply Chain Management Outcome Set

Outcome

Outcome: WW_MSLSCM_PO_02

Decision Making:

Evaluate different modeling approaches to solve problems for effective decision making.

- ▼ **Measure:** LGMT 691 Activity 4.1 - Theory of Constraints and Supply Chain Management Report
Course level Direct - Student Artifact

Details/Description:	Assessing Activity 4.1 in LGMT 691 (LSCM Capstone Course) fits well for assessing MSLSCM PO 2 (Evaluate different modeling approaches to solve problems for effective decision making). Grade centers from different terms will be exported and analyzed.
Criterion for Success:	90% of students will receive an 80% (B) or better in Activity 4.1. At the graduate level, B is the minimum expected grade.
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Dino Koursaris

- ▼ **Measure:** LGMT 691 End of Course Evaluations
Course level Indirect - Survey

Details/Description:	End of course evaluations are the students' feedback on their expected learning of the subject matter. This includes feedback on Course Experience, Delivery Mode, and Instructor Experience. The course evaluations pertaining to LGMT 691 will be gathered and the statistics will be presented.
Criterion for Success:	80% of the students will rate the Course Experience, Delivery Mode, and Instructor Experience at 80% or better.
Timeframe of Data Collection:	AY 2017-18
Key/Responsible Personnel:	Dino Koursaris

Outcome: WW_MSLSCM_PO_05

IT Solutions:

Recommend information technology solutions for different business needs.

▼ **Measure:** LGMT 685 Activity 7.4 Group Project
Course level Direct - Student Artifact

Details/Description:	In Activity 7.4 of LGMT 685 (Global Logistics and Supply Chain Management) students are required to submit a report exploring the possibility of setting up a firm's subsidiary in a country outside the United States, hence it fits well for assessing PO 5 (Recommend information technology solutions for different business needs). Grade centers from different terms will be exported and analyzed.
Criterion for Success:	90% of students will receive an 80% (B) or better in this activity.
Timeframe of Data Collection:	AY 2017-18
Key/Responsible Personnel:	Dino Koursaris

Personnel:

▼ **Measure:** LGMT 685 End of Course Evaluations
Course level Indirect - Survey

Details/Description: End of course evaluations are the students' feedback on their expected learning of the subject matter. This includes feedback on Course Experience, Delivery Mode, and Instructor Experience. The course evaluations pertaining to LGMT 685 will be gathered and the statistics will be presented.

Criterion for Success: 80% of the students will rate the Course Experience, Delivery Mode, and Instructor Experience at 80% or better.

Timeframe of Data Collection: AY 2017-18

Key/Responsible Personnel: Dino Koursaris

Outcome: WW_MSLSCM_P0_06

Operations Solutions:

Analyze an organization's warehousing and distribution needs, recommend solutions for effective and efficient distribution operations.

▼ **Measure:** LGMT 683 Activity 8.5 Research Report
Course level Direct - Student Artifact

Details/Description: In Activity 8.5 of LGMT 683 (Supply Chain Management), each student submits a research report on a topic related to global logistics or supply chain management in Activity 8.5 of the course, and fits well with

Criterion for Success:	assessing PO 6 (Analyze an organization's warehousing and distribution needs, recommend solutions for effective and efficient distribution operations). Grade centers from different terms will be exported and analyzed.
Timeframe of Data Collection:	90% of students will receive an 80% (B) or better in this activity.
Key/Responsible Personnel:	AY 2017-18
	Dino Koursaris

▼ **Measure:** LGMT 683 End of Course Evaluations
Course level Indirect - Survey

Details/Description:	End of course evaluations are the students' feedback on their expected learning of the subject matter. This includes feedback on Course Experience, Delivery Mode, and Instructor Experience. The course evaluations pertaining to LGMT 683 will be gathered and the statistics will be presented.
Criterion for Success:	80% of the students will rate the Course Experience, Delivery Mode, and Instructor Experience at 80% or better.
Timeframe of Data Collection:	AY 2017-18
Key/Responsible Personnel:	Dino Koursaris