

Standing Requirements

## **Program Mission Statement**

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The mission of the program is to produce graduates who are qualified to enter or continue to work in the logistics and supply chain management career field. This degree program offers students the opportunity to pursue the Bachelor of Science in Logistics and Supply Chain Management and by the same token, it provides a foundation for supervising or managing the procurement, maintenance, and transportation of material, personnel, equipment, and facilities. Graduates are prepared for opportunities in diverse fields such as air cargo, parcel delivery, warehousing, distribution, transportation, manufacturing, and retail business.

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# ERAU University Mission Statement

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Our mission is to teach the science, practice and business of aviation and aerospace, preparing students for productive careers<sup>1</sup> and leadership roles in service around the world.<sup>2</sup>

Our technologically enriched, student-centered environment<sup>3</sup> emphasizes learning through collaboration and teamwork,<sup>4</sup> concern for ethical and responsible behavior,<sup>5</sup> cultivation of analytical<sup>6</sup> and management abilities,<sup>7</sup> and a focus on the development of the professional skills needed for participation in a global community.<sup>8</sup> 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 achievement<sup>9</sup> and knowledge discovery,<sup>10</sup> in an interpersonal environment that supports the unique needs of each individual.<sup>11</sup> 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.

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

Standing Requirements

## Program Outcomes

### Embry-Riddle General Education Competency Set (Copy 1)

#### General Education Competencies

Competency	Mapping
<p>Critical Thinking (DB, PC, WW) The student will apply knowledge at the synthesis level to define and solve problems within professional and personal environments.</p>	<p><b>Embry-Riddle General Education Competency Set (Copy 1):</b> Critical Thinking (DB, PC, WW)</p>
<p>Quantitative Reasoning (DB, PC, WW) The student will demonstrate the use of digitally-enabled technology (including concepts, techniques and tools of computing), mathematics proficiency &amp; analysis techniques to interpret data for the purpose of drawing valid conclusions and solving associated problems.</p>	<p><b>Embry-Riddle General Education Competency Set (Copy 1):</b> Quantitative Reasoning (DB, PC, WW)</p>
<p>Information Literacy (DB, PC, WW) The student will conduct meaningful research, including gathering information from primary and secondary sources and incorporating and documenting source material in his or her writing.</p>	<p><b>Embry-Riddle General Education Competency Set (Copy 1):</b> Information Literacy (DB, PC, WW)</p>
<p>Communication (DB, PC, WW) The student will communicate concepts in written, digital and oral forms to present technical and non-technical information.</p>	<p><b>Embry-Riddle General Education Competency Set (Copy 1):</b> Communication (DB, PC, WW)</p>
<p>Scientific Literacy (DB, PC, WW) The student will be able to analyze scientific evidence as it relates to the physical world and its interrelationship with human values and interests.</p>	<p><b>Embry-Riddle General Education Competency Set (Copy 1):</b> Scientific Literacy (DB, PC, WW)</p>

Cultural Literacy (DB, PC, WW)  
The student will be able to analyze historical events, cultural artifacts, and philosophical concepts.

Embry-Riddle General Education Competency Set  
(Copy 1): Cultural Literacy (DB, PC, WW)

Lifelong Personal Growth (WW Only)  
The student will be able to demonstrate the skills needed to enrich the quality of life through activities which enhance and promote lifetime learning.

Embry-Riddle General Education Competency Set  
(Copy 1): Lifelong Personal Growth (WW Only)

## WW\_AS Logistics and Supply Chain Management Outcome Set

### Outcome

Outcome	Mapping
P01_Transportation Solutions Summarize solutions for domestic and global transportation problems.	WW_AS Logistics and Supply Chain Management Outcome Set: P01_Transportation Solutions
P02_Inventory Optimization Illustrate optimal inventory management methods across the supply chain.	WW_AS Logistics and Supply Chain Management Outcome Set: P02_Inventory Optimization
P03_Distribution Operations Recommend solutions for effective and efficient warehouse distribution operations.	WW_AS Logistics and Supply Chain Management Outcome Set: P03_Distribution Operations
P04_Purchasing Selection Apply purchasing policies and procedures in different business settings.	WW_AS Logistics and Supply Chain Management Outcome Set: P04_Purchasing Selection
P05_Performance Tracking Define appropriate metrics to track the performance of the supply chain.	WW_AS Logistics and Supply Chain Management Outcome Set: P05_Performance Tracking

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**ASLSCM\_Curriculum Map**

Courses and Activities Mapped to WW\_AS Logistics and Supply Chain Management Outcome Set

	<b>Outcome</b>				
	<b>P01_Transportation Solutions</b> Summarize solutions for domestic and global transportation problems.	<b>P02_Inventory Optimization</b> Illustrate optimal inventory management methods across the supply chain.	<b>P03_Distribution Operations</b> Recommend solutions for effective and efficient warehouse distribution operations.	<b>P04_Purchasing Selection</b> Apply purchasing policies and procedures in different business settings.	<b>P05_Performance Tracking</b> Define appropriate metrics to track the performance of the supply chain.
<b>Courses and Learning Activities</b>					
LGMT 236 Principles of Purchasing	I	I	I	I	I
TRAN 274 Transportation Science	I		I		
MATH 211 or 222 Statistics with Aviation Applications or Business Statistics	P	P	P	P	P
MGMT 201 Principles of Management		I	I	I	I
MGMT 221 Introduction to Management Information Systems		I			
RSCH 202 Introduction to Research Methods				I	I

<b>Legend :</b>	<b>I</b> Introduced	<b>P</b> Practiced	<b>M</b> Mastered
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**ASLSCM Assessment Map**

Courses and Activities Mapped to WW\_AS Logistics and Supply Chain Management Outcome Set

	Outcome				
	P01_Transportation Solutions Summarize solutions for domestic and global transportation problems.	P02_Inventory Optimization Illustrate optimal inventory management methods across the supply chain.	P03_Distribution Operations Recommend solutions for effective and efficient warehouse distribution operations.	P04_Purchasing Selection Apply purchasing policies and procedures in different business settings.	P05_Performance Tracking Define appropriate metrics to track the performance of the supply chain.
<b>Courses and Learning Activities</b>					
2017 - 2018 Academic Assessment Cycle	✓			✓	
2018 - 2019 Academic Assessment Cycle		✓			✓
2019 - 2020 Academic Assessment Cycle	✓		✓		

**Legend :**    ✓ = Aligned

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2017-2018 Assessment Cycle

## Assessment Plan

### Measures

#### WW\_AS Logistics and Supply Chain Management Outcome Set

Outcome

##### Outcome: P01\_Transportation Solutions

Summarize solutions for domestic and global transportation problems.

▼ **Measure:** TRAN 274 End of Course Evaluations  
*Course level Indirect - Survey*

Details/Description: End of course evaluations are the students' feedback on their expected learning experience of the subject matter. This includes feedback on instructor experience, delivery mode, and course experience. The course evaluations pertaining to TRAN 274 will be gathered and the statistical findings will be presented.

Criterion for Success: 80% of the students will rate the instructor experience, delivery mode, and course experience at 80% or better.

Timeframe of Data Collection: AY 2017-18

Key/Responsible Personnel: Dino Koursaris

▼ **Measure:** TRAN 274 Final Exam  
*Course level Direct - Exam*

Details/Description:	Assessing Final exam in TRAN 274 (Transportation Science) fits well for assessing ASLSCM PO 1 (Transportation Solutions).
Criterion for Success:	80% of students will receive an 80% (B) or better in the final exam. At the undergraduate level, a grade of C is the expected passing grade.
Timeframe of Data Collection:	AY 2017-18
Key/Responsible Personnel:	Dino Koursaris

#### **Outcome: P04\_Purchasing Selection**

Apply purchasing policies and procedures in different business settings.

#### ▼ **Measure:** LGMT 236 End of Course Evaluations *Course level Indirect - Survey*

Details/Description:	End of course evaluations are the students' feedback on their expected learning experience of the subject matter. This includes feedback on instructor experience, delivery mode, and course experience. The course evaluations pertaining to LGMT 236 will be gathered and the statistical findings will be presented.
Criterion for Success:	80% of the students will rate the instructor experience, delivery mode, and course experience at 80% or better.
Timeframe of Data Collection:	AY 2017-18
Key/Responsible Personnel:	Dino Koursaris



▼ **Measure:** LGMT 236 Final Exam  
*Course level Direct - Exam*

Details/Description:	Assessing the Final Exam in LGMT 236 (Principles of Purchasing) fits well for assessing ASLSCM PO 4 (Purchasing Selection).
Criterion for Success:	80% of students will receive an 80% (B) or better in the final exam. At the undergraduate level, a grade of C or better is expected.
Timeframe of Data Collection:	AY 2017-18
Key/Responsible Personnel:	Dino Koursaris

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