

Standing Requirements

Program Mission Statement

The mission of Embry-Riddle Aeronautical University – Worldwide’s Master of Science in Project Management degree is to provide the opportunity for working professionals to gain masters level knowledge and experience in planning and executing complex projects. Working within a variety of organizational settings, from aviation aerospace to non-profit organizations, this degree program enables graduates to undertake increasing roles in the leadership and management of projects within corporations across corporate, cultural, and international boundaries.

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WW_MS Project Management

Standing Requirements

Program Outcomes

MS Project Management Outcome Set

Outcome

Outcome	Mapping
<p>WW_MSPM_PO_01 Manage projects through all phases of their life cycle using appropriately tailored accepted practices.</p>	<p>Embry-Riddle General Education Competency Set: Communication (DB, PC, WW), Critical Thinking (DB, PC, WW), Information Literacy (DB, PC, WW), Lifelong Personal Growth (WW Only), Quantitative Reasoning (DB, PC, WW), Scientific Literacy (DB, PC, WW)</p>
<p>WW_MSPM_PO_02 Apply ethical and legal standards to all phases and activities of project management</p>	<p>Embry-Riddle General Education Competency Set: Communication (DB, PC, WW), Critical Thinking (DB, PC, WW), Information Literacy (DB, PC, WW), Lifelong Personal Growth (WW Only)</p>
<p>WW_MSPM_PO_03 Apply team building, leadership and followership skills to projects.</p>	<p>Embry-Riddle General Education Competency Set: Communication (DB, PC, WW), Critical Thinking (DB, PC, WW), Information Literacy (DB, PC, WW), Lifelong Personal Growth (WW Only)</p>
<p>WW_MSPM_PO_04 Apply qualitative and quantitative analysis to balance cost, schedule, scope, quality, and risks to achieve the project objectives.</p>	<p>Embry-Riddle General Education Competency Set: Critical Thinking (DB, PC, WW), Information Literacy (DB, PC, WW), Quantitative Reasoning (DB, PC, WW)</p>
<p>WW_MSPM_PO_05 Adapt project management organizational strategies, and the application of ethical and legal considerations, to meet the demands of complex, multinational or cross-cultural project relationships</p>	<p>Embry-Riddle General Education Competency Set: Communication (DB, PC, WW), Critical Thinking (DB, PC, WW), Cultural Literacy (DB, PC, WW), Information Literacy (DB, PC, WW), Lifelong Personal Growth (WW Only), Quantitative Reasoning (DB, PC, WW)</p>
<p>WW_MSPM_PO_06 Synthesize solutions using critical thinking skills to connect all aspects of project management with strategic planning and goal setting.</p>	<p>Embry-Riddle General Education Competency Set: Communication (DB, PC, WW), Critical Thinking (DB, PC, WW), Information Literacy (DB, PC, WW), Lifelong Personal Growth (WW Only), Quantitative Reasoning (DB, PC, WW), Scientific Literacy (DB, PC, WW)</p>

WW_MSPM_PO_xx (formerly 02)
Marked obsolete by Valerie Denney on 04/03/2017 4:27:57 pm EDT
Use accepted practices to plan projects. Successful students will be able to effectively and efficiently plan projects utilizing tools, techniques and methods presented in the courses

No Mapping

WW_MSPM_PO_xx (formerly 03)
Marked obsolete by Valerie Denney on 04/03/2017 4:28:25 pm EDT
Use accepted practices to execute projects. Successful students will be able to effectively and efficiently execute projects utilizing tools, techniques and methods presented in the courses

No Mapping

WW_MSPM_PO_xx (formerly 04)
Marked obsolete by Valerie Denney on 04/03/2017 4:28:47 pm EDT
Use accepted practices to control projects. Successful students will be able to effectively and efficiently control projects utilizing tools, techniques and methods presented in the courses.

No Mapping

WW_MSPM_PO_xx (formerly 05)
Marked obsolete by Valerie Denney on 04/03/2017 4:29:22 pm EDT
Use accepted practices to properly close projects. Successful students will be able to effectively and efficiently close projects utilizing tools, techniques and methods presented in the courses.

No Mapping

WW_MSPM_PO_xx (formerly 10)
Marked obsolete by Valerie Denney on 04/03/2017 4:34:51 pm EDT
Utilize accepted practices in the establishment and control of quality. Successful students will be able to utilize accepted practices in the establishment and control of quality utilizing tools, techniques and methods presented in the courses.

No Mapping

MSPM_PO_01_JUL18
Develop and execute projects through all

No Mapping

phases of the lifecycle using appropriate ethical and methodological practices.

MSPM_PO_02_JUL18

Evaluate and deploy advanced project decision-making techniques to balance cost, schedule, scope, quality, and risks to achieve project objectives.

No Mapping

MSPM_PO_03_JUL18

Evaluate and apply behavioral and communications skills to engage the project stakeholder community.

No Mapping

MSPM_PO_04_JUL18

Assess the role of project management as a critical business processes involved in the development and implementation of strategy and competitive advantage.

No Mapping

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Assessment Plan

Measures

MS Project Management Outcome Set

Outcome

Outcome: WW_MSPM_PO_01

Manage projects through all phases of their life cycle using appropriately tailored accepted practices.

▼ **Measure:** Advantage Energy Case Study- PMGT 613
Program level Direct - Student Artifact

Details/Description:	Students will be evaluated against completion of the Procurement Closure Package deliverable in PMGT 613 (currently WBS 8.3). In this assignment, students answer questions 1 - 4 of the case study titled "Advantage Energy Technology Data Center Migration" at the end of Chapter 7, Managing Risk in Project Management: The Managerial Process.
Criterion for Success:	90% of the students will receive an 80/100 (B) grade or higher on this project.
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

▼ **Measure:** Directing and Controlling Projects PMGT 614
Program level Direct - Student Artifact

Details/Description:	Students will be evaluated against completion of the Directing and Controlling Projects deliverable
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in PMGT 614 (currently WBS 6.4). In this assignments, students create the following Excel spreadsheet items:

PMB table

Graph of budgeted costs, EV, and AC

EVM summary table with 16 EVM data items

Variance Analysis Report

Change Request

Criterion for Success: 90% of the students will receive an 80/100 (B) grade or higher on this project.

Timeframe of Data Collection: AY 2017-2018

Collection:

Key/Responsible Personnel: Valerie Denney

Personnel:

▼ **Measure:** PMGT 614 Net Promoter Score

Program level Indirect - Survey

Details/Description: Question #17 on the EOC survey (likelihood of recommending this course to a fellow student) will be assessed in order to produce a Net Promoter Score. The Score will be calculated as follows:

$NPS = \%(\text{Definitely} + \text{Very Probably}) - \%(\text{Possibly Not} + \text{Very Probably Not})$

Criterion for Success: NPS of 30 (30%) for PMGT 614

Timeframe of Data Collection: AY 2017-2018

Collection:

Key/Responsible Personnel: Valerie Denney

Personnel:

Outcome: WW_MSPM_PO_02

Apply ethical and legal standards to all phases and activities of project management

▼ **Measure:** Ethical Decision Making- PMGT 502
Program level Direct - Student Artifact

Details/Description:	Students will be evaluated against completion of the Ethical Decision Making deliverable in PMGT 502 (currently WBS 4.2). In this assignment, students describe a situation (real or hypothetical) where they have been challenged with an ethical dilemma at work. Using the PMI® Ethical Decision-Making Framework the students describe an approach to resolving this dilemma using the five steps in the framework.
Criterion for Success:	90% of the students will receive an 80/100 (B) grade or higher on this project.
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

▼ **Measure:** PMGT 502 Net Promoter Score
Program level Indirect - Survey

Details/Description:	Question #17 on the EOC survey (likelihood of recommending this course to a fellow student) will be assessed in order to produce a Net Promoter Score. The Score will be calculated as follows: $\text{NPS} = \%(\text{Definitely} + \text{Very Probably}) - \%(\text{Possibly Not} + \text{Very Probably Not})$
Criterion for Success:	NPS of 30 (30%) for PMGT 502
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

▼ **Measure:** Professional Project Management Ethics- PMGT 690

Program level Direct - Student Artifact

Details/Description:	Students will be evaluated against completion of the Professional Project Management ethics deliverable in PMGT 690 (currently WBS 4.3). In this assignment, students reply to a forum and attach updated essay based on a video case study. Students review all the essays in the forum and provide constructive feedback to their peers.
Criterion for Success:	90% of the students will receive an 80/100 (B) grade or higher on this project.
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

Outcome: WW_MSPM_PO_03

Apply team building, leadership and followership skills to projects.

▼ **Measure:** Global Environments Team Presentation- PMGT 612
Program level Direct - Student Artifact

Details/Description:	Students will be evaluated against completion of the Round 1 Presentation deliverable in PMGT 612 (WBS 5.3). In this assignment, students create a presentation with a voice-over analyzing the assigned country and outlining the three major environments of global projects: Political, Social, and Business.
Criterion for Success:	90% of the students will receive an 80/100 (B) grade or higher on this project.
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

▼ **Measure:** PMGT 612 Net Promoter Score
Program level Indirect - Survey

Details/Description:	Question #17 on the EOC survey (likelihood of recommending this course to a fellow student) will be assessed in order to produce a Net Promoter Score. The Score will be calculated as follows: NPS=%(Definitely + Very Probably) - %(Possibly Not + Very Probably Not)
Criterion for Success:	NPS of 30 (30%) for PMGT 612
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

▼ **Measure:** RFP Submittal Round 2- PMGT 612
Program level Direct - Student Artifact

Details/Description:	Students will be evaluated against completion of the RFP Submittal Round 2 in PMGT 612 (currently WBS 8.3). In this assignment, students respond to the Request for Proposal (RFP) including the following: Letter of Submittal Technical Proposal (following the 47 processes as identified by the Project Management Body of Knowledge (PMBOK® Guide)) Management Proposal
Criterion for Success:	90% of the students will receive an 80/100 (B) grade or higher on this project.
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

▼ **Measure:** Team Project Communication Plan Critique - PMGT 502
Program level Direct - Student Artifact

Details/Description:	Students will be evaluated against completion of the team Project Communication Plan Critique deliverable in PMGT 502 (currently WBS 7.3). In this assignment, students select one plan to critique and respond to the following: Describe the benefits, strengths, weaknesses, and challenges of this particular communication plan. Examine the templates and tools that are used. Explain how they could you improve the communications plan?
Criterion for Success:	90% of the students will receive an 80/100 (B) grade or higher on this project.
Timeframe of Data Collection:	AY 2017-2018
Key/Responsible Personnel:	Valerie Denney

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