

Syllabus for ITM 754 Capstone Preparation

NOTE: This syllabus document contains the basic information for this course. The most current syllabus is available in the full course.

Prerequisites

ITM 730

Course Description

Students work with faculty to select their capstone project, create a plan, define deliverables, secure approval from their client or employer, and complete setup of their project and work environment. Students review concepts necessary for completion of the capstone (as applicable) in the areas of human resources, financial analysis, enterprise application management, business analysis, operations, governance, compliance, and change management.

Agile project management, systems analysis and design, and communicating with technical and non-technical audiences. Additional topics may be included.

Course Alignment with Program Outcomes

This course addresses the following competencies and program outcomes of the Masters of Science in Information Technology Management:

Competency F: Engineer, develop and deploy strategies for enterprise systems

- Program Outcome 18: Create and deploy enterprise solutions in support of organizational goals

Course Learning Objectives

At the end of this course, you will be able to:

1. Define project objectives, deliverables, outcomes, and communicate with key stakeholders to secure and sustain project support.
2. Refine quantitative and qualitative research methodologies to support analysis, design, planning and decision-making.
3. Demonstrate competency in creating, managing and leading against project plans with an emphasis on risk mitigation.
4. Further develop interpersonal skills working in enterprise, team, and individual environments

Course Activities and Assessments

This course addresses uses a variety of learning activities including discussions, peer reviews, status reports, retrospectives, project proposal drafts, and final project presentations, reports, and quick pitch presentations.

Course Outline

The course is organized into the following units.

Unit	Topic
M0	Milestone Zero (M0): Capstone Project Selection
M1	Milestone 1 (M1): Developing a Project Proposal
M2	Milestone 2 (M2): Draft One
M3	Milestone 3 (M3): Draft Two
M4	Milestone 4 (M4): Complete Project Proposal
Final	Final Deliverables

Grading

Course Grading: Course work will be assessed using a variety of methods:

Assignments	Weight
Discussions	5%
Peer Reviews	5%
Status Reports	10%
Retrospectives	5%
Project Proposal Drafts	25%
Final Deliverables	50%
Total %	100%

Grading Scale:

Letter Grade	Percentage Range
A	90-100%
A-	85-89%
B+	80-84%

B	75-79%
B-	70-74%
C+	65-69%
C	60-65%
C-	55-59%
F	54 and below