

Spring 2026

Course Preview Week: January 20 - January 26, 2026

Semester Dates: January 27 - May 08, 2026

ITM 705: Leading the IT Function

This course focuses on the difference between and application of management and leadership theories in an IT environment. Utilizing an array of assessment activities, students will identify and understand their own personal assets and liabilities to become effective leaders and agents of change in a complex adaptive system.

[ITM 705 Syllabus](#)

3
Credits

ITM 715: Data Science

Addresses issues for developing, managing and supporting data-driven decision-making in the organization. Topics include data analytics, data warehousing, machine learning, and artificial intelligence, as well as the ethical collection, use and application of data.

[ITM 715 Syllabus](#)

3
Credits

ITM 730: Agile and Traditional IT Project Management

Examines project management concepts as applied to IT projects; covers traditional PMBOK techniques such as project identification, selection, procurement, and cost/schedule preparation and monitoring. Introduces agile IT project management concepts including Scrum and Extreme Programming. Requires students to apply these concepts to group projects.

[ITM 730 Syllabus](#)

3
Credits

ITM 754: Capstone Preparation

Students work with faculty to select their capstone project, create a plan, define deliverables, secure approval from their client or employer, and complete the 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.

Prerequisite: ITM 730: Agile and Traditional IT Project Management; or taken concurrently with ITM 730.

[ITM 754 Syllabus](#)

1
Credits

ITM 755: Capstone

Students complete the projects approved in the Capstone Preparation course. This course includes the management, development and delivery of an information technology project to a client or employer, including regular communication of status to both technical and non-technical audiences.

Prerequisites: ITM 754: Capstone Preparation

[ITM 755 Syllabus](#)

3
Credits