PROJECT MANAGEMENT (PMP)

PMP 505 Agile Project Management 3 credits
This course provides an exploration of Agile project management approaches to enhance project delivery, adaptability, and stakeholder engagement. Students will examine concepts such as customer collaboration, iterative development, and response to change, with an in-depth exploration of Agile frameworks and techniques. This course will prepare students to lead Agile projects, drive organizational agility, and deliver value to the business.

PMP 515 Project Management: Scheduling/Planning 3 credits
This course examines project management scheduling and planning methodologies, tools, and techniques. Following a review of the principles of project management, students will learn how to effectively define project deliverables, tasks, and milestones, and organize activities into logical sequences to create a comprehensive project schedule. Students will also learn how to utilize project management software platforms to manage schedules, track progress, and communicate with business stakeholders

PMP 530 Project Management: Risk Assessment and Cost Management 3 credits
This course provides students with the knowledge and skills needed to mitigate risks and manage project costs. Students will learn how to identify and classify project risks, assess their potential impact, and develop response strategies to minimize threats and capitalize on opportunities. The course also addresses cost management techniques to create budgets, and monitor and control project expenditures throughout the project lifecycle. Students will learn how to develop risk and cost management plans that align with project objectives and stakeholder expectations.

PMP 540 Project Management: Data Visualization 3 credits
This course provides students with an understanding of data visualization tools and technology, and their application in project management. Students will learn how data visualization can be used to analyze project data, communicate insights, and make informed decisions throughout the project lifecycle. They will explore strategies for organizing and structuring data to support effective visualization and analysis, to ultimately improve project outcomes and stakeholder satisfaction.