

PROJECT MANAGEMENT (PGM)

PGM 2004 – Project Management Fundamentals 1

Credit Hours: 4.00 Total Contact Hours: 4.00 Lecture Hours: 4.00

Introduces the subject of project management including the five project management process groups and the processes within each group, the hierarchy of projects, programs and portfolios, the purpose of project integration management and the project manager's role within it, and project scope management for agile/adaptive projects, including the use of prototypes. Students will use simulation labs in this course.

Offered: Fall.

PGM 2005 – Project Management Fundamentals 2

Credit Hours: 4.00 Total Contact Hours: 4.00 Lecture Hours: 4.00

Continues to introduce the fundamentals of project management. Cost management, quality management, project resource management, communication management, risk management, procurement management, and project stakeholder management knowledge areas will be covered. Special considerations for agile/adaptive environments will also be included. Students will use simulation labs in this course.

Offered: Fall

Corequisites: PGM 2004.

PGM 2006 – Project Management Applications

Credit Hours: 4.00 Total Contact Hours: 4.00 Lecture Hours: 4.00

Introduces basic project management tools, earned value performance measurement (EVM) systems, Gantt charts, project planning and control tools, data analysis tools, and quantitative and qualitative project management software.

Offered: Spring

Corequisites: PGM 2004, PGM 2005.

PGM 2007 – Project Lifecycle

Credit Hours: 4.00 Total Contact Hours: 4.00 Lecture Hours: 4.00

Collaborate with a business to manage a project through the entire lifecycle. Students will act as a project manager in the development and implementation of a project using project management tools.

Offered: Spring

Corequisites: PGM 2004, PGM 2005, PGM 2006.