

Rapid Prototyping and Concurrent Engineering

Rapid prototyping technologies are revolutionizing the fields of manufacturing and engineering. Rapid Prototyping Program includes robust curriculum covering this exciting and evolving field.

Course Information

Type	Virtual
Languages	English
Hours of instruction	12

Course Outline

- Introduction to Prototyping
- Rapid Prototyping Technologies
- Rapid Prototyping in Industry
- Proof of Principle Prototypes
- Creating Simple Prototypes
- Additive Processes
- Advanced Additive Prototyping
- Subtractive Processes
- Advanced Subtractive Prototyping
- Selecting a Rapid Prototyping Process
- Windshield Wiper Prototype



Introduction to STEM Pathways Program

Introduction to STEM Pathways provides an easy-to-implement solution for delivering early engagement and discovery of science, technology, engineering and mathematics topics. Courses feature all-in-one packages with classroom equipment and 45 hours of e-learning content per course. Start with Foundations of STEM, the prerequisite course in the Introduction to STEM Pathways program. You can expand the program with optional courses covering topics like robotics, energy systems and transportation. Students see the connection between STEM and the world around them. Mix and match courses to build a flexible program for STEM exploration.

Rapid Prototyping and Concurrent Engineering includes LearnMate®, Intelitek's innovative e-learning platform. Self-paced interactive LearnMate content may be deployed stand-alone or through the robust learning management system (LMS). The LearnMate e-learning suite provides everything needed for the ultimate blended learning experience:

- SCORM-compliant interactive content
- Anytime, anywhere accessibility
- Student and class management
- Grade tracking
- Skill/competency reporting mapped to national academic skill standards

Ordering Information

Curriculum

Rapid Prototyping and Concurrent Engineering
LearnMate course, Virtual 77-3099-0000

Bundles

STEM Pathways: Intro to Manufacturing STEM-INTR-MFG

Contact Us: