Courses	Mechanisms for Assessing Program Outcomes	An ability to apply knowledge of mathematics and science to manufacturing systems	An ability to apply manufacturing concepts in a capstone manufacturing project application	An ability to integrate contemporary computer applications and process automation, including the use of sensors, actuators and controllers to automate machines and processes.	An ability to understand the societal, environmental, and economic aspects of manufacturing systems.	An ability to successfully function as team members in a manufacturing laboratory setting	An ability to communicate technical matters effectively in oral form.	An ability to communicate technical matters effectively in written format	An ability to communicate technical matters effectively in graphical form.	An ability to demonstrate project management, quality assurance methods, and supply chain management.	An understanding of the fundamental behavior of materials and the testing techniques used to determine material properties.	An understanding of contemporary manufacturing processes, particularly for parts consisting of manufacturing materials.
	SMFG 490											
	SMFG 468											
	SMFG 386											
	SMFG 218											
	SMFG 218											
	SMFG 352											
	SMFG 352											
	SMFG 201											
	SMFG 458											
	SMFG 211											
	SMFG 160											