

PASCOR Overall Assessment Design Matrix

TASK	GOALS AND OBJECTIVES	STAKEHOLDERS		
		Students	Faculty	Industry /others
Curriculum Development				
	<ul style="list-style-type: none"> Develop a new interdisciplinary, practice-based curriculum in RS-GIS, that balances content with 'soft' skills 	X	X	X
	<ul style="list-style-type: none"> Integrate these new courses into the permanent academic programs of ECE, Geology, Mathematics and Agricultural Sciences 		X	X
	<ul style="list-style-type: none"> Facilitate and encourage the inclusion of RS-GIS content into existing SMET courses 		X	X
	<ul style="list-style-type: none"> Develop an RS-GIS undergraduate engineering curriculum in compliance with ABET 2000 		X	X
	<ul style="list-style-type: none"> Implement the Learning Factory concept (hands-on, research)curriculum activities into the SMET/RS-GIS curriculum 	X	X	X
Undergraduate Research				
	<ul style="list-style-type: none"> Establish a faculty/expert mentorship program for undergraduate students 	X	X	X
	<ul style="list-style-type: none"> Establish linkages and collaboration with industry, government and other schools 	X	X	X
Partnerships				
	<ul style="list-style-type: none"> Establish an Advisory Board to provide guidance and support to the project 		X	X
	<ul style="list-style-type: none"> Expand the sponsor base 		X	X
	<ul style="list-style-type: none"> Coordinate the development of research projects for undergraduate students 		X	X
	<ul style="list-style-type: none"> Identify strategies to amplify the effectiveness of the Learning Factory 	X	X	X
Outreach				
	<ul style="list-style-type: none"> Develop a process for the members to fully share instructional, laboratory, and experiences 		X	X
	<ul style="list-style-type: none"> Develop a process for continuous communication of project activities and outcomes to all stakeholders 	X	X	X