

Advanced Technology Division

Unit Plan Section III: 2011-2012 Implementation Goals

PROGRAM: Advanced Technology Division		SUBMITTED BY: Paul Croker	
LIST GOAL	ACTIVITIES	TIMELINE	BUDGET IMPACT
<p>Priority # 1 Promote a new teaching methodology integrating three modes of instructional activities:</p> <ul style="list-style-type: none"> 1) small group instruction; 2) knowledge navigation (using computers); and computer based training, 3) collaborative learning (peer groups). <p>Note: this is a continuation from last years unit plan.</p>	<ul style="list-style-type: none"> 1) The activities are managed by a learning management information system. The instructor is assisted with a team of instructional aides. The automotive program prototyped this new methodology successfully last year. 2) The amount of time a student is interactively learning is increased. Both the efficiency and effectiveness will increase. Programs or courses using this methodology should increase the student FTE which will significantly increase college revenues. Faculty will spend more time teaching and with smaller groups of students. 3) Develop classes and learning activities to be included in the RTEC Center. 4) Develop basic classes in electricity, hydraulics, pneumatics, safety, tools, measurements, and soft skills to assist student entering career and technical programs (RTEC). 5) Develop manufacturing programs to support energy initiative such as solar panel manufacturing, green manufacturing, green construction, and electric vehicles. 	<p>Begin assessment 2010-2011</p> <p>Begin process 2011-2012</p>	<p>\$3,825 100 hrs @ current curriculum development rate + OPE for three (3) programs. Total cost is \$11,475</p> <p>\$300,000 for computers based training systems</p> <p>Bond Equipment? & General Fund? & Tech Fee?</p>