

Advanced Technology Division

Unit Plan Section III: 2011-2012 Implementation Goals

PROGRAM: Electronic Technology		SUBMITTED BY: Doug Weiss	
LIST GOAL	ACTIVITIES	TIMELINE	BUDGET IMPACT
Priority # 1 Sustain increased enrollment and reach distant students by developing online classes. These classes would be available to high school students. Note: this is a continuation from last years unit plan.	Purchase lab kits for remote student usage. Curriculum development to fund the conversion of additional classes.	Thanks to funding from the Strategic Investment Fund, the "Online" versions of Electrical Theory 1, Electrical Theory 2, and Digital Electronics 1 have now been completed! If the funding is allocated, the following 5 classes can be developed and implemented for Fall 2011: Digital Electronics 2 Semiconductor Devices 1 Semiconductor Devices 2 Programmable Controllers Motors	\$12,000 for lab kits Perkins \$3,825 100 hrs @ current curriculum development rate + OPE for 5 classes, total 500 hrs \$19,123
Priority # 2 Prepare the student to use tools commonly used in the work place. This would reach the Advisory Committee's goal and the program would adopt the new curriculum. Note: this is a continuation from last years unit plan.	Purchase HMI (Human-Machine-Interface) software. Curriculum development to fund the conversion of additional classes.	To be implemented by fall 2011. Approximately 60 hours of instructions will be used to replace exiting instruction through 3 existing classes. In the spirit of "out with the old and in with the new", curriculum in Programmable Controllers, Process Control Systems and Industrial Instrumentation will be modified to incorporate this software package. This project is to be implemented for Fall 2011.	\$10,00 software. Perkins Tech Fee \$3,825 100 hrs @ current curriculum development rate + OPE