

Advanced Technology Division

Unit Plan Section III: 2011-2012 Implementation Goals

PROGRAM: Diesel Technology		SUBMITTED BY: Al Clark / Steve Webb	
LIST GOAL	ACTIVITIES	TIMELINE	BUDGET IMPACT
Priority # 1 Update and enhance current lab stations to meet emerging Diesel industry training technologies. Note: this is a continuation from last years unit plan	We will rely on partial donations and direction from our advisory committee members. The rest of the funding to come from Carl Perkins for the required equipment including engine overhaul stands and electronic engines.	We would like to complete this project by June of 2012.	\$80,000 Perkins
Priority # 2 Create an innovative Diesel lab training station that will enhance the student learning opportunity and ensure success in the workforce. Note: this is a continuation from last years unit plan	We will rely on partial donations and direction from our advisory committee members. The rest of the funding to come from Carl Perkins for the required equipment. This station will be based upon a full authority electronic controlled on-highway freight truck.	We would like to complete this project by June of 2012.	\$60,000 Perkins
Priority # 3 Create a learning environment that establishes a high school connection with local high schools. Currently there are no articulated Diesel courses. This will enable a closer connection between the Diesel program and the high school career and technical programs by providing an innovative pathway into Diesel Technology. Note: this is a continuation from last years unit plan.	We will collaborate with industry representatives in the design and construction of a hands-on virtual training system. This equipment simulator is designed to train and orient an entry level operator on basic machine operation, skills and application knowledge. Students will receive orientation, testing, and instant feedback – without ever being in the actual operator’s seat. This innovative solution delivers benefits throughout the training process and represents the latest technology in the diesel industries.	We would like to complete this project by June 2012.	\$50,000 Perkins