Advanced Technology Division Unit Plan Section III: 2011-2012 Implementation Goals

PROGRAM: Aviation Maintenance Technician		SUBMITTED BY: Brian Mc Glynn / Keith Bird		
LIST GOAL	ACTIVITIES		TIMELINE	BUDGET IMPACT
Priority # 1 Return program to the instructional stability of the past.	Replace part time instructors instructor position that is avai a contracted position due to	with full time lable to fill with faculty death.	Beginning Fall 2011	\$55,000
Priority # 2 Continue transforming the curriculum from course based to learning module based. This will allow faculty to integrate the NIDA training modules into the curriculum sooner and facilitate student self directed learning. This increases efficiency and technology for students. Note: this is a continuation from last years unit plan.	Provide curriculum developm as the next step in the transfor curriculum from course based module based. Instructors wil each for the development of directed leaning curriculum t portions of the instructor base that is currently in place. This continuation of the initiative NIDA lab in the last Perkins gr Note: the present computer enough band width and cap be upgraded from DSL to fibe more bandwidth from main of	nent for faculty orming the d to learning I need 100 hours f student that will replace ed curriculum that funded the rant cycle. system lacks pacity. Needs to er optics and campus	Begin Winter 2011 – Completed Fall 2012 If the funding is allocated, the following 12 classes can be revised to implement NIDA CBT developed and implemented for Fall 2012: AV192 General 101 AV193 General 102 AV194 General 103 AV196 General 105 AV279 Airframe- 01,02,03,04 Portions of AV 281- 01,02,03,04	\$7,648.96 w/OPE Curriculum Development
Priority # 3 Provide comprehensive hands on experience using Avotek Hydraulic System Trainer. Update and enhance the instruction in aircraft hydraulic principles and systems. Note: this is a continuation from last years unit plan	By providing comprehensive experience, this trainer will re theoretical knowledge prior t actual equipment. Systems a components can be shown of scale so that students can ur functions and how they work Actual problems can be simulallows students to do trouble	hands on inforce to working on and their on a smaller nderstand their together. ulated and shooting.	Completed Fall 2012	\$6,600 Trainer Carl Perkins