Course to Program Mapping Template

Program name_____Welding Technology_____ Division _____ASET_____ Date_____3/27/2015_____

Catalog year _____2015-2016_____ Completed by___R. Chandel_____

Program-Level Student Learning Outcomes	Course # WELD-100	Course # WELD-102	Course # WELD-103	Course # WELD-105	Course # WELD-106	Course # WELD-110	Course # WELD-216	Course # MATL-101
Demonstrate safe welding and thermal cutting practices	K,C,Ap	Ap			Ap		Ap	
Perform cutting procedures using plasma and oxy-fuel techniques	K,C,Ap	Ap			Ap		Ap	
Follow procedures to deposit sound welds using SMAW, GMAW, FCAW, and GTAW processes.	K,C,Ap	C,Ap			C,Ap		C,Ap	
Describe American welding Society (AWS) standards as well as industrial standards as they relate to welding.	K	C	C,Ap		C, Ap	K,C		
Identify and solve common weldability problems				K,C,Ap	Ap		Ap	K,C
Demonstrate the proper use and care of common welding equipment	K,C,Ap	K,C,Ap			K,C,Ap			
Identify weld defects, explain methods to prevent these defects, and demonstrate proper defect repair.			K,C,Ap	K,C,Ap				
Read prints and interpret welding symbols	K,C,Ap		Ap		Ap	K,C,Ap	Ap	

Use the following codes, based on Bloom's taxonomy, under each course number as appropriate: K=Knowledge level; C= Comprehension level; Ap= Application level; An=Analysis or above

*All core courses within the program should be included in the Program map.

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Program name_____Welding Technology_____ Division _____ASET_____ Date_____3/27/2015_____

Catalog year _____2015-2016_____ Completed by___R. Chandel_____

Explain knowledge of basic materials and welding metallurgy			Ap	C,Ap				K,C,Ap

Use the following codes, based on Bloom's taxonomy, under each course number as appropriate: K=Knowledge level; C= Comprehension level; Ap= Application level; An=Analysis or above

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