

EXAMPLE of SCANS Matrix Model

Program: Precision Metal Working Award: Machine Tool Technology/Machinist CIP: 48.0501									Credential: Certificate		
LIST OF ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES											
SCANS COMPETENCIES								Course Number	Course Title		
1	2	3	4	5	6	7	8				
x	x	x	x	x	x	x	x	ORIE 0102	Introduction to College		
x	x	x	x	x	x	x	x	MCHN 1438	Basic Machine Shop I		
x	x	x	x	x	x	x	x	MCHN 1343	Machine Shop Mathematics		
x	x	x	x	x	x	x	x	MCHN 1317	Machine Shop Blueprint Reading		
x	x	x	x	x	x	x	x	TECH 1341	Occupational Mathematics		
x	x	x	x	x	x	x	x	MCHN 1341	Basic Machine Shop II		
x	x		x		x		x	ENGL 1301	Oral and Written Communications		
x	x	x	x	x	x	x	x	WLDG 1421	Introduction to Welding Fundamentals		
x	x		x	x	x			PSYC 1301	Human Relations		
x	x	x	x	x	x	x	x	MCHN 1352	Intermediate Machining I		
x	x	x	x	x	x	x	x	MCHN 1330	Statistical Process Control for Machinist		
x	x	x	x	x	x	x	x	MCHN 2344	Computerized Numerical Control Programming		
x	x	x	x	x	x	x		MCHN 1354	Intermediate Machining II		
x	x	x	x	x	x	x		MCHN 2335	Advanced CNC Machining		
								PROGRAM COMPETENCIES (as determined by advisory committee)			
								8. BASIC USE OF COMPUTERS			
								7. WORKPLACE COMPETENCIES			
								6. PERSONAL QUALITIES			
								5. THINKING SKILLS			
								4. SPEAKING AND LISTENING			
								3. ARITHMETIC OR MATHEMATICS			
								2. WRITING			
								1. READING			