MANUFACTURING COURSE CROSSWALK			Future Possibilities		
1997	2010	4 x 4	АТС	End of Program Licensure/Certification	
Exploring Manufacturing Technology	Exploring Careers				
Technology Education	Career Portals				
Technology Systems					
Technology Systems (Computer Lab Based)	Principles of Manufacturing				
Hydraulics and Pneumatics					
Introduction to Metal Manufacturing Careers					
Manufacturing Systems					
Manufacturing Technology					
Engineering Principles					
Foundry Operations					
Machine Shop I	Precision Metal Manufacturing		x	NIMS**** Certification	
Industrial Ceramics Sheet Metal I					
Metal Trades	Flexible Manufacturing				
Vocational Plastics I					
Machine Shop II	Advanced Precision Metal Manufacturing				
Sheet Metal II Metal Trades II Vocational Plastics II Vocational Plastics III	Advanced Flexible Manufacturing				
Welding I	Welding				
Welding II	Advanced Welding		x	AWS* Sense Certification, NCCER*** Welding Certification	
Petrochemical Laboratory Technician					
Petrochemical Process Technician	Manufacturing Engineering				
Plant Maintenance					
Plant Processes					
Power Technology	Small Engine Technology				
Quality Control I	Embedded in all manufacturing courses				
Quality Control I					
Trade/Industrial Education Independent Study	Problems and Solutions				
· · ·	Practicum in Manufacturing				

Tech World Manufacturing I			
Tech World Manufacturing II	Manufacturing Engineering		
Fourth Math Recommendations			
Fourth Science Recommendations			
Innovative Courses			
Introduction to Computer Numerical Controls	Precision Metal Manufacturing		
Computer Numerical Control Programming	Advanced Precision Metal Manufacturing		
Production Technician	Principles of Manufacturing		
Smart Energy	Energy, Power, and Transportation Systems		
Manufacturing Engineering	Manufacturing Engineering		MSSC**
Introduction to Advanced Technology	Principles of Manufacturing		
*American Welding Society			
**Manufacturing Skill Standards Council			
***National Center for Construction Education and Research			
****National Institute For Metalworking Skills			