

CURRICULUM MAP OF THE INDUSTRIAL MECHANICS DEGREE PROGRAM (053H) EDUCATIONAL GOALS

The Industrial Mechanics student will be able to:	IML 105	IML 119	IML 120	IML 121	IML 133	IML 139	IML 149	IML 169	IDP 276	IDW 115	MATH 112	ENG 101	HLTH 151		
1. Maintain a safe, efficient working environment and respond appropriately to medical emergencies.		E	E		E	E	E	E	X	X			X		
2. Demonstrate the use of precision measuring instruments including micrometers and dial indicators.	I	E				E	R				X				
3. Identify common mechanics hand tools and safely demonstrate their proper application.		I			E	R	R	R	X	X					
4. Demonstrate the ability to read and interpret a multiview drawing	I	E	I	E				R		X	X				
5. Perform safety inspection of common lifting devices and identify unsafe slings, shackles, chains, and hooks.				I	E							X			
6. Demonstrate the use of common hand signals for equipment & machining				I	E										
7. Demonstrate proper alignment techniques	I	I	E		E	R	R		X	X	X				
8. Explain the concepts of lubrication systems found in Industrial Plants.		I				E	R	R	X			X			
9. List the primary difference in operating principles between the different types of pumps & compressors.		I		E		E	E	R	X						
10. Interact with others to solve problems & complete projects.	I	E	E		E	E	E	E	X	X					

Submitted by: Jim Moore/Bill Bown

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Status: Approved