

Knowledge	Skills	Performance Element	15.0000 Engineering, General (2011)	
			Technical Standards - Michigan Customized List	
			IV	Engineering Systems
			E	Demonstrate an understanding of and be able to use thermal dynamic principles
			1	Identify the three ways heat is transferred
			2	Explain the difference between Celsius and Fahrenheit scales
			3	Describe heat conductors and insulators
			4	Solve thermal problems using appropriate units
			5	Identify direction of heat flow given differences in temperature
			6	Understand the use of insulation to minimize heat flow