15.0000 Engineering, General (2011)

Knowledge	Skills	Performance Element		
				Technical Standards - Michigan Customized List
IV				**Engineering Systems**
	C			**Demonstrate an understanding of and be able to select and use civil and construction engineering technologies**
		1		Define infrastructure as the underlying base or basic framework of a system.
		2		Identify a variety of processes and procedures used in constructing structures.
		3		Identify requirements involved in the design of structures.
		4		Recommend maintenance, alterations, or renovations to improve a structure or alter its intended use.
		5		Identify prefabricated materials used in some structures.