

Class Lab Credit

ELECTRICITY

ELC 130	Advanced Motors/Controls	2	2	3
Prerequisites:	ELC 111 or ELC 112 or ELC 138			
Corequisites:	None			

This course covers motors concepts, construction and characteristics and provides a foundation in motor controls. Topics include motor control ladder logic, starters, timers, overload protection, braking, reduced voltage starting, SCR control, AC/DC drives, system and component level troubleshooting. Upon completion, students should be able to specify, connect, control, troubleshoot, and maintain motors and motor control systems.