

(Tentative Schedule)

Date	Lecture Topics	Labs
05/31	No Classes	
06/01	Course Introduction	No Lab
	Induction Motor Operation	
06/06	Induction Motor Operation	1
	Basic Motor Control System Components	
06/08	Stop-Start Motor Controller	2
	Additional Control System Components	
06/13	Relay Logic	3
	Relay Logic	
06/15	Motor Ratings	4
	Motor Starting & Overload Protection	
06/20	*** No Classes – Holiday ***	* Holiday *
06/22	Motor Control Circuit Concepts	5
	Soft-Starters, Directional Control	
06/27	Motor Control Circuit Concepts	6
	Variable-Frequency Drives (VFDs)	
06/29	☺☺☺ EXAM I ☺☺☺	7
	Variable-Frequency Drives (VFDs)	
07/04	*** No Classes – Holiday ***	* Holiday *
07/06	Introduction to Programmable Logic Controllers (PLCs)	Final Project Assigned
	PLC-based Control Systems	
07/11	Introduction to Ladder Logic	open lab
	Ladder Logic Instructions	
07/13	Ladder Logic Instructions	open lab
	Ladder Logic Programming – I/O	
07/18	Ladder Logic Programming – I/O	open lab
	Ladder Logic Programming – System Design Example	
07/20	Ladder Logic Programming	open lab
	Ladder Logic Programming	
07/25	TBD	open lab
	TBD	
07/27	☺☺☺ EXAM II ☺☺☺	open lab
	TBD	
08/01	FINAL PROJECT due on MONDAY 08/01 @ 3PM	

Due to their overall length during this 8-week Summer semester, the lecture sessions will typically be split into two halves, with a 15-minute break in the middle of each session.

The scheduled exams will begin promptly at 5pm.

Note – Exam and Lab dates may change based upon lecture-material progression.