

Santee Cooper

Power Associates Program

Sequencing of classes is subject to change and class substitutions may be made

Due to scheduling conflicts, completion within 5 semesters is not guaranteed

	Course Number	Course Description	Lecture Hours per Week	Lab Hours per Week	Earned Credits	Contacts Hours per Semester
1st Semester-FALL (14 hours)	ENG 101	ENGLISH COMPOSITION	3	0	3	45
	IMT 161	MECHANICAL POWER APPLICATIONS	3	3	4	90
	EEM 113	DC CIRCUITS I	1.5	1.5	2	45
	EEM 114	DC CIRCUITS II	1.5	1.5	2	45
	MAT 155	CONTEMPORARY MATHMATICS	3	0	3	45
2nd Semester-SPRING (14 hours)	EEM 119	AC CIRCUITS I	1.5	1.5	2	45
	EEM 120	AC CIRCUITS II	1.5	1.5	2	45
	CPT 101	INTRODUCTION TO COMPUTERS	3	0	3	45
	IMT 160	PREVENTATIVE MAINTENANCE	2	3	3	75
	IMT 132	HYDRAULICS	1	3	2	60
	IMT 133	PNEUMATICS	1	3	2	60
3rd Semester-SUMMER (14 hours)	EEM 218	AC/DC MACHINES WITH ELECTRICAL CODES	1.5	1.5	2	45
	EEM 219	AC/DC MACHINES WITH ELECTRICAL CODES II	1.5	1.5	2	45
	EEM 221	DC/AC DRIVES	2	3	3	75
	IMT 124	PUMPS	0.5	4.5	2	75
	IMT 151	MOTOR CONTROLS	3	0	3	45
	IMT 104	SCHEMATICS	1	3	2	60
4th Semester-FALL (16 hours)	EEM 129	SOLID STATE DEVICES I	1.5	1.5	2	45
	EEM 130	SOLID STATE DEVICES II	1.5	1.5	2	45
	SSC	REQUIRED SOCIAL SCIENCE	3	0	3	45
	COM	REQUIRED COMMUNICATIONS	3	0	3	45
	EEM 251	PROGRAMMABLE CONTROLLERS	2	3	3	75
	EEM 252	PROGRAMMABLE CONTROLLERS APPLICATIONS	2	3	3	75
5th Semester-SPRING (16 hours)	EIT 110	PRINCIPLES OF INSTRUMENTATION	2	3	3	75
	EIT 244	COMPUTERS AND PLC'S IN INSTRUMENTATION	2	3	3	75
	EEM 151	MOTOR CONTROLS I	2	6	4	120
	IMT 163	PROBLEM SOLVING FOR MECHANICAL APPLICATIONS	2	3	3	75
	HUM	REQUIRED HUMANITIES	3	0	3	45

The graduate who successfully completes the courses listed will be awarded the following:

- Associates Degree in Applied Science, Industrial Mechanic
- Certificate in Applied Science(Electrician-Automated Controls)
- Certificate in Applied Science(Industrial Mechanic)