

Maintenance Electrician
RA:0643 O*Net: 47-2111.00

Outline of Technical Studies

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Contact Hrs.
MTH125	College Algebra	4	Accuplacer	64
MTH130	Trigonometry	3	MTH125	48
EET122	AC Circuit Analysis	4	EET120 & MTH130	80
EET128	NEC & Electrical Sys DES	2	EET122	48
MST134	Hyd & Pneumatic Systems	4	MTH125	96
EET227	PLC's & Industrial Controls I	3	EET120	64
EET228	PLC's & Industrial Controls II	3	EET227	64
EET120	DC Circuit Analysis	4	MTH125/130	80
EET123	Electronic Devices and Circuits	4	EET122	80
EST129	Switchgears, Trans, Controls	2	EET122	48
		33	Total	672

Course Sequence

<u>First Semester</u>	<u>Course</u>	<u>Second Semester</u>	<u>Course</u>
MTH125	College Algebra	MTH130	Trigonometry
		MST134	Hyd & Pneumatic Systems
<u>Third Semester</u>		<u>Fourth Semester</u>	
EET120	DC Circuit Analysis	EET122	AC Circuit Analysis
		EET227	PLC's & Industrial Controls I
<u>Fifth Semester</u>		<u>Sixth Semester</u>	
EET123	Electronic Devices and Circuits	EET128	NEC & Electrical Sys DES
EET228	PLC's & Industrial Controls II	EET129	Switchgears, Trans, Controls