

Engineering Systems Tech – Energy Utility Technology – course sequence 2018 - 2019



Year I – Semester I

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
ETUT 1160	Intro to Energy Utility Industry		3
ETEE 1050	Intro to Electromechanical Systems		3
ETEE 1800	Intro to Digital Systems		3
MATH 1179	Applied Technical Mathematics I		3
ETUT 1060	Energy Industry Safety		3
Total Credits			15

Year I – Semester 2

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
ENGL 1010	Composition I		3
ETEE 1500	Electrical Systems I		3
ETEE 2390	Electrical Power Systems		3
MATH 1181	Applied Technical Mathematics II		3
PHYS 1070	Intro to Renewable Energy		3
SOCIAL SCI	See approved list*		3
Total Credits			18

Year 2 – Semester I

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
INST 1010	Intro to Instrumentation Technology		3
ETME 1010	Robotics and Control		3
ETME 1020	Intro to Manufacturing Process		3
PHYS 1050	Physics for Technology		4
CNVT 1200	Intro to Wireless Networks		3
Total Credits			16

Year 2 – Semester 2

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
CNVT 1810	Network Technology		3
ETEE 1120	Electronic Devices and Circuits		3
ETUT 2500	Energy Industry Practicum		3
ETME 2310	Automation Systems		3
SOCIAL SCI	See approved list*		3
Total Credits			15
Total Sequence Credits			64

*Approved General Education courses: <https://www.ccri.edu/pathways/paths/general-education>