

Term	Course #	Course Name	Qtr. Cred.	Sem. Credits
Quarter 1 Summer 2018				
1	ENER1100	Energy Industry Fundamentals	4.5	3.0
1	ENER1110	Operator Safety	4.5	3.0
1	ENER1250	Emission Controls (Join with 5th qtr)	3.0	2.0
1	ENER2530	Process Plant Chemistry (join with 3rd qtr)	3.0	2.0
1	PHYS1150	Physics	6.0	4.0
		Total 1st Term Credits	21.0	14.0
Quarter 2 Fall 2018				
2	ENER1115	Mech. & Fluid Fundamentals	4.5	3.0
2	ENER1235	Technical Diagrams	3.0	2.0
2	ENGL1110	Business Communications	4.5	3.0
2	MATH1050	Math Course	4.5	3.0
2	BSAD1010	MS Applications	4.5	3.0
		Total 2nd Term Credits	21.0	14.0
Quarter 3 Winter 2019				
3	ENER1210	Electrical Power Theory	6.0	4.0
3	ENER1255	Instrumentation & Control Systems	5.5	4.0
3	ENER2102	Nuclear Energy (Join with 5th qtr)	3.0	2.0
3	ENER2130	Green Energy (Join with 5th qtr)	4.0	3.0
3	SPCH	Any Speech Class	4.5	3.0
		Total 3rd Term Credits	23.0	16.0
Quarter 4 Spring 2019				
4	ACFS2020	Career Development	2.5	1.5
4	ENER1220	Process Dynamics	4.5	3.0
4	ENER2100	Motor Controls	4.5	3.0
4	ENER2105	Boiler Systems	4.0	2.5
4	ENER2120	Steam Turbines	3.0	2.0
4	ENER2140	Electric Transmission & Distribution	3.0	2.0
		Total 4th Term Credits	21.5	14.0
Semester 1 Fall 2019 Nuclear Process				
5	ENER1900	Internships	3.0	2.0
5N	ENER2135	Atomic Structures	3.0	2.0
5N	ENER2205	Nuclear Power Plant Layout	4.5	3.0
5N	ENER2220	Reactor Plant Material	3.0	2.0
5N	ENER2230	Radiation Detection & Protection	3.0	2.0
5N	ENER2240	Reactor Safety	3.0	2.0
		Total Nuclear Focus 5th Term	19.5	13.0
Semester 1 Fall 2019 Industrial Process				
5	ENER1900	Internships	3.0	2.0
5P	ENER2300	Coal Plant Operations (last 12 weeks)	4.5	3.0
5P	ENER2400	Gas Turbines & HRSG Systems (last 12 weeks)	3.0	2.0
5P	ENER2500	Biofuels Process Fundamentals (last 12 weeks)	4.5	3.0
5P	ENER2520	Microbial Ecology (last 12 weeks)	3.0	2.0
		Total Industrial Ops. Focus 5th Term	18.0	12.0
	Total Credits	Nuclear Focus	106.0	71.0
		Industrial Process Focus	104.5	70.0

ELECTIVES				
ANY	ENER1140	POSS Test Prep.	1.0	0.5
ANY	ENER1141	SO/PD Test Prep.	1.0	0.5
ANY	ENER2999	Special Project	2.0	2.0
		Total Electives Credits	4.0	3.0

117.5