

2012-13

PETROLEUM ENGINEERING

Minimum credit hrs required - 134

	Social Science ..(3)	Humanities <i>Lit courses &gt; 300</i> Art History Music Philosophy History Foreign Lang some T.C.	Social Science WGS Economics PS Psych Cult. Anth.	Humanities ..(3)	Social Science ..(3)	Humanities ..(3)	Social Science or Humanities Elective ..(3)	Name:
ENGL 111 (3) <i>College English</i>	ENGL 112 (3) <i>College English</i> prerequisite: Engl 111			ENGL 341 (3) <i>Technical Writing</i> prerequisite: Engl 111, 112 & junior standing			Social Science or Humanities Elective ..(3)	Date:
MATH 131 (4) <i>Calc I</i> prerequisite: Math 103, 104 or ACT math >29 or...	MATH 132 (4) <i>Calc II</i> prerequisite: Math 131	MATH 231 (4) <i>Calc III</i> prerequisite: Math 132	MATH 335 (3) <i>Applied Analysis I</i> prerequisite: Math 132	PET 311 & L (4) <i>Drilling Engr I</i> prerequisite: ES 216, Coreq: ES 302	PET 413 & L (3) <i>Well Design</i> prerequisite: Pet 311	PET 424 (3) <i>Production Engr I</i> prerequisite: Pet 345	PET 425 (3) <i>Well Completions</i> prerequisite: Pet 413	
CHEM 121 (3) <i>General Chem. I</i> prerequisite: Math 103  corequisite: Chem 121L		CHEM 122 (3) <i>General Chem. II</i> prerequisite: Chem 121 & lab corequisite: Chem 122L, Math 131	PET 245 (3) <i>Petroleum Fluids</i> prerequisite: Chem 122, Math 132, ES 111	PET 345 (3) <i>Reservoir Engr I</i> prerequisite: Pet 245	PET 445 (3) <i>Reservoir Engr II</i> prerequisite: Pet 345	PET 424Lab (1) <i>Production Engr Lab</i> prerequisite: ES 111, 216, Pet 424		
CHEM 121 Lab (1) <i>General Chem Lab I</i>  corequisite: Chem 121		CHEM 122 Lab (1) <i>General Chem Lab II</i>  corequisite: Chem 122	ES 216 (3) <i>Fluid Mechanics</i> prereq: ES 201, coreq: Math 231	PET 345L (1) <i>Reservoir Engr I Lab</i> corequisite: Pet 345		PET 441 (3) <i>Natural Gas Res Engr</i> prerequisite: Pet 345		Legend
	PHYS 121 (4) <i>General Physics I</i>  corequisite: Phys 121L, Math 131	PHYS 122 (4) <i>General Physics II</i> prerequisite: Phys 121 corequisite: Phys 122L, Math 132	ES 347 (3) <i>Thermodynamics</i> prerequisite: Chem 122, ES 111, Math 132 corequisite: Phy 122, Math 231, ES 216		PET 370 (3) <i>Formation Evaluation</i> prerequisite: Phys 122, PE 345 & L, Erth 206	PET 471 (2) <i>Reservoir Description</i> prerequisite: PET 370, 445, Erth 460 corequisite: Pet 424	PET 472 (2) <i>Reservoir Management</i> prerequisite: PET 471, ES 316 corequisite: Pet 425	Sem/Yr - completed
PET 101 (1) <i>Intro to Pet Eng</i>	PHYS 121 Lab (1) <i>General Physics Lab I</i> corequisite: Phys 121	PHYS 122 Lab (1) <i>General Physics Lab II</i> corequisite: Phys 122			PET 450 (2) <i>Well Testing</i> prerequisite: PE 345			- In Progress
	PET 111+L (3) <i>Comp. appl. for pet engrs</i>  corequisite: Math 104	ES 201 (3) <i>Statics</i> prerequisite: Phy 121 corequisite: Math 231	ES 302 (3) <i>Mechanics of Materials</i> prerequisite: ES 111, 201, Math 231	ES 303 (3) <i>Dynamics</i> prerequisite: ES 111, 201, Math 335		ES 316 (3) <i>Engr. Economics</i> prerequisite: ES 111	ES 332 (3) <i>Electrical Engr</i> prerequisite: Phys 122, Math 335	D - drop
ERTH 101 & 103L ..(4) <i>Earth Processes</i>			EES Elective (3) <i>Erth 203, 325, 440</i>  or other 200-level or higher with approval of advisor		ERTH 460 (3) <i>Subsurface &amp; Petroleum Geology</i>  Prerequisite: EARTH 206		Technical Elective ..(3)	AP - adv placement
16 hrs	18 hrs	16 hrs	18 hrs	17 hrs	17 hrs	15 hrs	17 hrs	( ) credit hrs