

2013-14 PETROLEUM ENGINEERING

Minimum credit hrs required - 134

	Social Science ..(3)	<u>Humanities</u> Lit courses > 300 Art History Music Philosophy History Foreign Lang some T.C.	<u>Social Science</u> WGS Economics PS Psych Cult. Anth.	Humanities ..(3)	Social Science ..(3)	Humanities ..(3)	Social Science or Humanities Elective ..(3)	Name: Date:
ENGL 111 (3) College English	ENGL 112 (3) College English prerequisite: Engl 111			ENGL 341 (3) Technical Writing prerequisite: Engl 111, 112 & junior standing			Social Science or Humanities Elective ..(3)	
MATH 131 (4) Calc I prerequisite: Math 103, 104 or ACT math >29 or...	MATH 132 (4) Calc II prerequisite: Math 131	MATH 231 (4) Calc III prerequisite: Math 132	MATH 335 (3) Applied Analysis I prerequisite: Math 132	PET 311 & L (4) Drilling Engr I prerequisite: ES 216, Coreq: ES 302	PET 413 & L (4) Well Design prerequisite: Pet 311	PET 424 (3) Production Engr I prerequisite: Pet 345	PET 425 (3) Well Completions prerequisite: Pet 413	
CHEM 121 (3) General Chem. I prerequisite: Math 103 corequisite: Chem 121L		CHEM 122 (3) General Chem. II prerequisite: Chem 121 & lab corequisite: Chem 122L, Math 131	PET 245+Lab (4) Petroleum Fluids prerequisite: Chem 122, Math 132, ES 111	PET 345 (3) Reservoir Engr I prerequisite: Pet 245	PET 445 (3) Reservoir Engr II prerequisite: Pet 345	PET 424Lab (1) Production Engr Lab prerequisite: ES 111, 216, Pet 424		
CHEM 121 Lab (1) General Chem Lab I corequisite: Chem 121		CHEM 122 Lab (1) General Chem Lab II corequisite: Chem 122	ES 216 (3) Fluid Mechanics prereq: ES 201, coreq: Math 231	PET 345L (1) Reservoir Engr I Lab corequisite: Pet 345		PET 441 (3) Natural Gas Res Engr prerequisite: Pet 345		Legend T - transfer
	PHYS 121 (4) General Physics I corequisite: Phys 121L, Math 131	PHYS 122 (4) General Physics II prerequisite: Phys 121 corequisite: Phys 122L, Math 132	ES 347 (3) Thermodynamics prerequisite: Chem 122, ES 111, Math 132 corequisite: Phy 122, Math 231, ES 216		PET 370 (3) Formation Evaluation prerequisite: Phys 122, PE 345 & L, Erth 206	PET 471 (2) Reservoir Description prerequisite: PET 370, 445, Erth 460 corequisite: Pet 424	PET 472 (2) Reservoir Management prerequisite: PET 471, ES 316 corequisite: Pet 425	Sem/Yr - completed - In Progress
PET 101 (1) Intro to Pet Eng	PHYS 121 Lab (1) General Physics Lab I corequisite: Phys 121	PHYS 122 Lab (1) General Physics Lab II corequisite: Phys 122			PET 450 (2) Well Testing prerequisite: PE 345			D - drop
	PET 111L (1) Comp. appl. for pet engrs corequisite: Math 104	ES 201 (3) Statics prerequisite: Phy 121 corequisite: Math 231	ES 302 (3) Mechanics of Materials prerequisite: ES 111, 201, Math 231	ES 303 (3) Dynamics prerequisite: ES 111, 201, Math 335		ES 316 (3) Engr. Economics prerequisite: ES 111	ES 332 (3) Electrical Engr prerequisite: Phys 122, Math 335	AP - adv placement
ERTH 101 & 103L ..(4) Earth Processes			EES Elective (3) Erth 203, 325, 440 or other 200-level or higher with approval of advisor		ERTH 460 (3) Subsurface & Petroleum Geology Prerequisite: EARTH 206		Technical Elective ..(3)	() credit hrs
16 hrs	16 hrs	16 hrs	19 hrs	17 hrs	18 hrs	15 hrs	17 hrs	