Petroleum Engineering Four-Year Program

**First Year**
- **Fall**
  - CHM201 Chemical Principles (3cr)
  - CDE201 Computer Proficiency (1cr)
  - ENG202 Sophomore Rhetoric (3cr)
  - MTH201 Calculus I (3cr)
  - CIE200 Statics (3cr)
  - PTE200 Intro. To Petroleum Engineering (3cr)
- **Spring**
  - MTH206 Calculus IV (3cr)
  - CIE 202 Mechanics of Materials (3cr)
  - MEE241 Dynamics (3cr)
- **Summer**
  - Appreciation of Arabic Lit (3cr)

**Second Year**
- **Fall**
  - CIE 302 Structural Analysis (3cr)
  - GNE331 Probability & Statistics (3cr)
  - INE320 Engineering Economy I (3cr)
  - MEE301 Thermodynamics (3cr)
  - PTE 321 Petroleum Engineering LAB (1cr)
- **Spring**
  - PTE310 Transp. Processes Through Porous Media (3cr)
  - CIE320 Fluid Mechanics (3cr)
  - CIE321 Fluid Mechanics LAB (1cr)
- **Summer**
  - GNE301 Professional communication (2cr)

**Third Year**
- **Fall**
  - PTE431 Fund. Of Well test analysis (3cr)
  - PTE432 Well Logging & Formation Evaluation (3cr)
  - PTE470 Petroleum Eng. Design (3cr)
  - GNE305 Professional Ethics (1cr)
  - PTE441 Petroleum Leasing Regul. Practices (3cr)
- **Spring**
  - PTE451 Petroleum Production Engineering (3cr)
  - PTE Technical Elective (1/6) (3cr)
  - PTE Technical Elective (2/6) (3cr)
- **Summer**
  - MTH304 Differential Equations (3cr)

**Fourth Year**
- **Fall**
  - PTE Technical Elective (3/6) (3cr)
  - PTE543 Life Cycle & Risk Management (3cr)
  - PED2--Physical Education (1cr)
  - Liberal Art Elective (3cr)
  - PTE573 Detailing for Petroleum Engineers (2cr)
- **Spring**
  - Liberal Art Elective (3cr)
  - PTE601 Capstone Design Project (3cr)
  - PTE Technical Elective (4/6) (3cr)
- **Summer**
  - PTE Technical Elective (5/6) (3cr)
  - PTE Technical Elective (6/6) (3cr)

**Liberal Art Electives**
- **Third Year**
  - Liberal Proficiency
  - Professional Ethics
  - Introduction to Rhetoric
  - Liberal Art Elective
  - Professional Ethics

**Technical Electives**
- **First Year**
  - PTE Technical Elective
  - CIE Technical Elective

**Notes**
- Co-requisite
- Pre-requisite

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