PETROLEUM ENGINEERING (PE)

P E 2011. Intro Petroleum Engr Systems. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 2012. Introduction To Petroleum Engineering Systems. 2 Credit

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 2113. Statics and Dynamics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 2153. Mechanics of Materials. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 2213. Thermodynamics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 2281. Engineering Co-Op Program. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3021. Technical Communications. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3022. Technical Communications. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

PE 3113. Production Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3123. Petroleum Reservoir Fluids. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3153. Petrophysics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3213. Reservoir Rock Properties. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3220. Internship. 0 Credit Hours.

Course Type: Internship

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3221. Rock Properties Laboratory. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3222. Petroleum Engr Practice II. 2 Credit Hours.

Course Type: Internship

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3223. Fluid Mechanics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

$\mbox{P\ E\ 3303}.$ Drilling Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3313. Drilling And Completions I. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3343. Evolution of Energy. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3413. Subsurface Production Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3440. Mentored Research Experience. 3 Credit Hours.

Course Type: Lecture

P E 3513. Reservoir Engineering Fundamentals. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3712. Petroleum Economics. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3723. P E Numerical Meth Engr Comput. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3813. Formation Evaluation With Well Logs. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

PE 3960. Honors Reading. 1-3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3970. Honors Seminar. 1-3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 3980. Honors Research. 1-3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4033. Oil Gas And Environmental Law. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4113. Oil Field Development. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4221. Petroleum Engineering Prac III. 1 Credit Hour.

Course Type: Internship

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4233. Subsurface Engineering And Tunneling. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4313. Well Completions And Stimulation. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4323. Drilling And Completions Ii. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4331. Drilling And Production Engineering Laboratory. 1 Credit

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4413. Oil Field Management And Evaluation. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4423. Surface Production Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4453. Oil Reservoir Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4462. Reservoir Mechanics Laboratory. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4521. Reservoir Fluid Mechanics Laboratory. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4533. Applied Reservoir Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4543. Improved Recovery Techniques. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4552. Data Analytics. 2 Credit Hours.

Course Type: Lecture

P E 4553. Integrated Reservoir Management. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4563. Well Testing Analysis. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4573. Well Test Analysis. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4583. Improved Recovery Techniques. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4602. Natural Gas Engineering Laboratory. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4613. Natural Gas Engr. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4711. Project Evaluation. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4712. Petroleum Project Evaluation. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4713. Petroleum Project Evaluation. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4803. Well Log Interpret. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4970. Special Topics/Seminar. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 4990. Special Studies. 1-4 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5123. Scanning Electron Microscopy. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5133. Non-Newtonian Fluid Mechanics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5143. Fluid Flow In Porous Media. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5233. Geothermal Technologies. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5243. Introduction To Rock Mechanics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5353. Advanced Drilling. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5363. Completion and Workover. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5393. Rheology of Complex Fluids. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5423. Advanced Stimulation. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5433. Horizontal Well Technology. 3 Credit Hours.

Course Type: Lecture

P E 5443. Formation Damage. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5523. Advanced Production Engr. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5533. Petroleum Reservoir Development. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5543. Waterflooding. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5553. Well Test Analysis. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5563. Mathematical Simulation Models. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5573. Well Test Analysis. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5583. Improved Recovery Techniques. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5603. Introduction To Natural Gas Engineering And Management. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5613. Natural Gas Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5623. Natural Gas Processing. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5633. Application Of System Dynamics In Natural Gas

Management. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5643. Natural Gas Finance Valuation. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5653. Natural Gas Finance Trading. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5663. Natural Gas Utilization. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5673. LNG Value Chain. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5683. NG Transportation & Storage. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5693. Safety and Human Factors. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5723. Environmental Sustainability. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5733. Culmination Experience. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5812. Research In Special Petroleum Engineering Problems. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5822. Research In Special Petroleum Engineering Problems. 2 Credit Hours.

Course Type: Lecture

P E 5960. Directed Readings. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5970. Special Topics/Seminar. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5971. Seminar In Petroleum Engineering. 1 Credit Hour.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5980. Research For Master's Thesis. 2-9 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 5990. Special Studies. 1-4 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6153. Transport Phenomena In Porous Media. 3 Credit Hours. Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6253. Advanced Petrophysics. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6263. Advanced Rock Mechanics I. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6273. Advanced Rock Mechanics Ii. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6283. Seismic Reservoir Modeling. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6443. Petroleum Production Systems. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6573. Advanced Oil Reservoir Engineering. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6583. Enhanced Oil Recovery. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6612. Drilling Fluids. 2 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6743. Advanced Evaluation Of Petroleum Properties. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6970. Special Topics/Seminar. 3 Credit Hours.

Course Type: Lecture

This course is facilitated by the University of Oklahoma Norman Campus. For more information, please visit the OU Course Catalog (https://oupublic.courseleaf.com/courses/).

P E 6980. Research For Doctoral Dissertation. 2-16 Credit Hours.

Course Type: Lecture