

Department of Petroleum Engineering

Certificate Program

Distance Education Degree Program (DEDP)

The petroleum industry has played a vital role in shaping North Dakota into the state it is today, and will be a guiding force in the region's future. The shift of the oil and gas industry towards unconventional plays has placed the State into a unique position, with the Bakken Shale Formation in the Williston Basin being the second largest oil producer in the U.S., and many more new discoveries and field developments being underway.

The Certificate Program is ideal if you:

- ◆ Have no background in Petroleum Engineering and would like to learn the fundamentals of specific subjects
- ◆ Need to learn about the practical aspects and applications of the subject in industry with minimum math involved
- ◆ Are employed and want to be flexible with your schedule
- ◆ Do not hold any University Degree but are interested to learn about Petroleum Engineering subjects
- ◆ Want to learn the fundamentals of core subjects in Petroleum Engineering and join the oil and gas workforce

Future Developments:

Advanced certificate programs will be designed in the near future with courses focused on specific subjects including unconventional plays, geothermal and subsea engineering.

The Department also offers **industry short courses** in different areas of upstream oil and gas. *For further information please contact the Department Chair: Dr. Vamegh Rasouli — vamegh.rasouli@enr.UND.edu.*

This fully distance-based teaching program is suitable for those who want to learn about specific subjects in Petroleum Engineering. All courses are designed to review the fundamentals of each topic and provide core information required for practical and hands-on skills.

Advanced information technologies (IT) available at UND has proven to be a successful educational tool for students needing flexibility. The distance education program has multiple sources of support available to students:

- ◆ *all courses are video recorded and made available online through the Tegrity system*
- ◆ *all teaching materials and resources are available online through BlackBoard*
- ◆ *faculty are available to assist students with their technical questions using various communication technology aids*
- ◆ *exams are set up online through secured IT and proctoring systems*
- ◆ *teaching assistants offer as an extra level of support all courses*

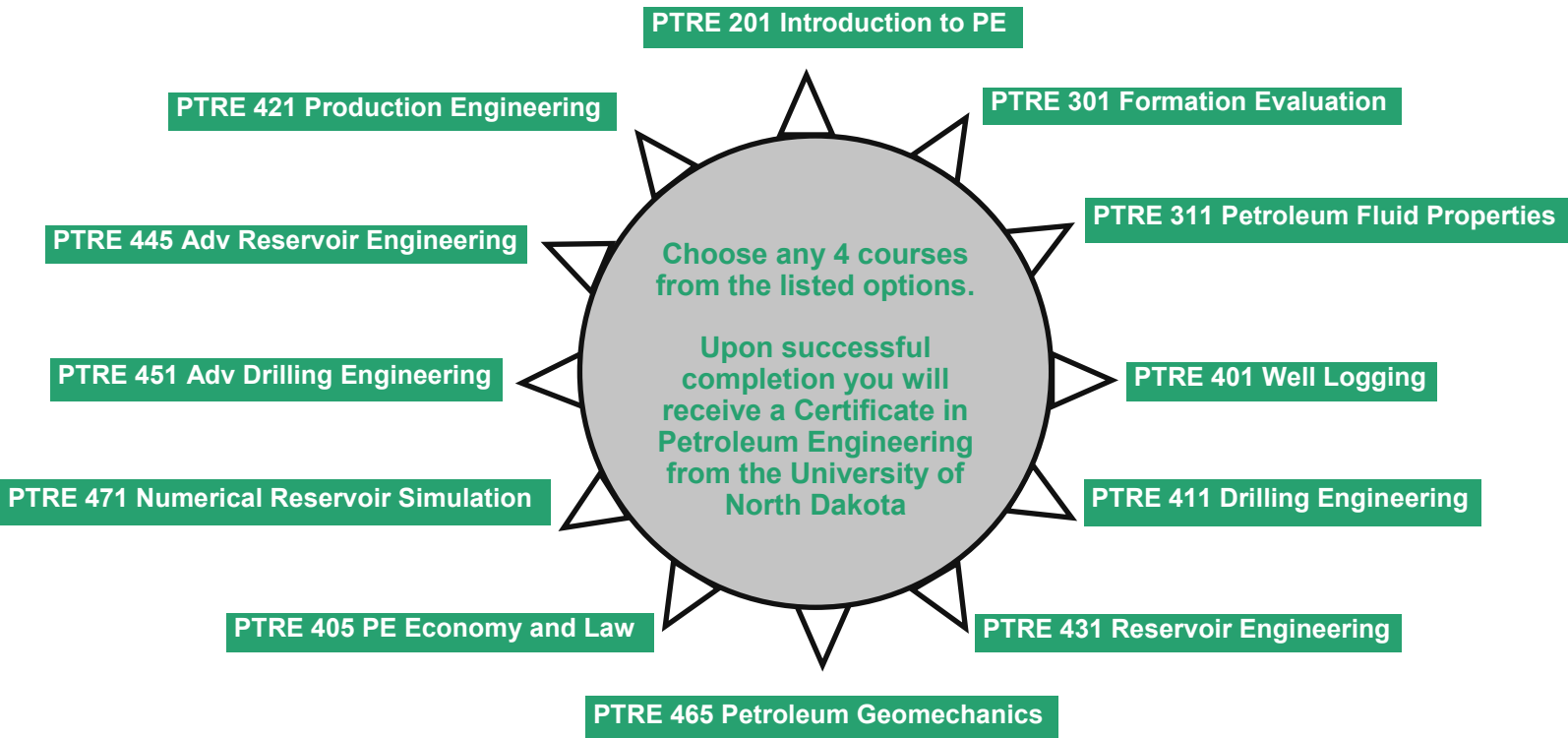
Contact us:

Department of Petroleum Engineering
University of North Dakota
243 Centennial Drive
Grand Forks, ND 58202
701-777-2533
UND.petroleum@enr.UND.edu

engineering.UND.edu/petroleum



List of courses



More courses may become available. Please contact the Department for further updates.

Industry Interaction

The Department of Petroleum Engineering has strong ties with industry. More than 15 company representatives in the department's Industry Advisory Council (IAC) meet twice per year to review different aspects of the program. The top priority of the IAC members is to assist with the program's curriculum and its technical content to educate students with skills designed to meet industry needs.

Apply Online

engineering.und.edu/petroleum/graduate-programs.cfm

