AOU Petroleum Engineering — Student Handbook (Summary)

B.Eng. Offshore, Subsea & Pipeline · COREN · Draft (full handbook pending)

AKPAKIP ORO UNIVERSITY (AOU)
Faculty of Engineering — Department of Petroleum Engineering
STUDENTS' HANDBOOK — SUMMARY (synthesised from Curriculum; full Student Handbook pending)
Petroleum Engineering (Offshore, Subsea and Pipeline option)

Programme overview
Five-year B.Eng. preparing petroleum engineers for exploration, development and production of oil and gas, with specialisation in offshore platforms, subsea systems and pipeline transport. COREN pathway.

Structure: 10 semesters · ~206 units
Year 1 — Engineering Foundations
Year 2 — Core Engineering (geology, mechanics, thermo-fluids, geophysics)
Year 3 — Specialist Foundations (petroleum geology, reservoir rock/fluids, drilling, well logging, production; OSP starters)
Year 4 — Advanced Design + SIWES (reservoir II, production II, completions, subsea, pipeline design, offshore structures, flow assurance, EOR)
Year 5 — Specialisation, Integration & Final-Year Design Project (advanced offshore/subsea, multiphase flow, reservoir management, HSE, decommissioning, integrated field development)

Key OSP courses: PET 313/405 Pipeline · PET 314/406/501 Offshore · PET 404/410/502 Subsea · PET 407 Flow Assurance · PET 411 Pipeline Integrity · PET 414 Risers & Mooring · PET 509 Integrated Offshore Field Development · PET 515 Final-Year Design Project

Professional registration: COREN. Keep SIWES records and project reports.
Draft status — codes/units provisional pending NUC CCMAS reconciliation.
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