AOU Chemical Engineering — Lecturer Handbook

Teaching schemes, outcome mapping, labs & assessment · Draft

AKPAKIP ORO UNIVERSITY (AOU)
Faculty of Engineering — Department of Chemical Engineering
LECTURERS' HANDBOOK (Draft)
Chemical Engineering (Petroleum Refining and Petrochemical option)
For teaching staff and laboratory supervisors

1. Purpose and Responsibilities
• Deliver against Students' Handbook learning outcomes.
• Publish week-by-week scheme and assessment plan in week 1.
• Design assessments that test stated outcomes; mark consistently; moderate; give timely feedback.
• Supervise projects, SIWES and laboratory work to the standards set here.

2. Programme Outcome Mapping
Chemistry foundations · Process calculations & thermodynamics · Transport phenomena · Reaction engineering · Separation & unit operations · Equipment & plant design · Process control & optimisation · Refining & petroleum processing · Petrochemicals & polymers · Professional practice

3. Teaching Schemes
Year-by-year delivery mode and assessment weights (CA/Exam, lab reports, practical, design project, SIWES) for all CHE courses Years 1–5.

4–11. Lesson planning, laboratory procedures, assessment design, rubrics, marking/moderation, project/SIWES supervision, quality assurance, academic integrity
(Standard departmental framework aligned with university regulations and COREN readiness.)

Draft for departmental approval.
Ojei Bari Avañ Ki