# AOU Mechanical Engineering Options — Lecturer Handbook

Teaching schemes, outcome mapping, labs & assessment · Draft

AKPAKIP ORO UNIVERSITY (AOU)
Faculty of Engineering — Department of Mechanical Engineering
LECTURERS' HANDBOOK (Draft)
Mechanical Engineering (Manufacturing & Production; Naval Architecture & Boat Building; Materials & Corrosion options)
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
Mechanics & design · Thermal & fluid systems · Materials · Manufacturing processes · Production systems · Additive manufacturing · Corrosion & surface engineering · Marine engineering · Measurement & quality · Professional practice

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

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**