AOU Computer Engineering — Lecturer Handbook

Teaching schemes, outcome mapping, labs & assessment · Draft

AKPAKIP ORO UNIVERSITY (AOU)
Faculty of Engineering — Department of Computer Engineering
LECTURERS' HANDBOOK (Draft)
Computer Engineering
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
Programming & software · Digital & computer architecture · Electronics · Algorithms & data · Operating systems & real-time · Embedded systems · Networks & communications · Security & reliability · Design & integration · Professional practice

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

4. Lesson Planning
Written lesson plan required for every session. Worked example: Combinational circuit design (2-hour session with starter, explanation, worked example, simulation, quiz, homework).

5. Laboratory and Practical Instructions
Computing laboratories and hardware interfacing practicals (align with course lab manuals).

6–11. 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