AOU Mechatronics & Robotics — Lecturer Handbook

Teaching schemes, outcome mapping, labs & assessment · Draft

AKPAKIP ORO UNIVERSITY (AOU)
Faculty of Engineering — Department of Mechatronics and Robotics Engineering
LECTURERS' HANDBOOK (Draft)
Mechatronics and Robotics 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
Mechanical design · Electrical & electronic systems · Control systems · Sensors, actuators & embedded · Industrial automation · Robotics · Intelligent & autonomous systems · Design & integration · Professional practice

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

4. Lesson Planning
Written lesson plan required for every session (outcomes, resources, timed activities, formative check, homework).

5–11. 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