

2023 MODULE DESCRIPTION

BACHELOR PROGRAM
AGRICULTURAL ENGINEERING
FACULTY OF AGRICULTURE
HASANUDDIN UNIVERSITY
2023



Computer Programming Practicum

Semester 5

Module designation	<i>Computer Programming Practicum</i>
Semester(s) in which the module is taught	<i>V</i>
Person responsible for the module	<i>Prof. Dr. Ir. Ahmad Munir, M.Eng. Dr. Suhardi, STP., MP</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lab works</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 1 SKS = 1.7 ECTS = 45.9 hours (1 ECTS around 27 hours) > Laboratory session = 12 hours > Lab report = 30 hours > Virtual experiment = 1 hours > Final examination = 2.5 hours</i>
Credit points	<i>1 SKS = 1.7 ECTS</i>
Required and recommended prerequisites for joining the module	<i>Engineering Mathematics</i>
Module objectives/intended learning outcomes	<i>ILO 3: Apply knowledge of mathematics, sciences, and engineering principles in agricultural fields; (Knowledge 1) ILO 4: Use quantitative analysis, information technology and critical thinking in agricultural engineering profession; (Knowledge 2) ILO 5: Use techniques, skills, and modern tools necessary for agricultural engineering practices; (Skill 1)</i>
Content	<i>This course discusses the preparation of a series of instructions that are translated from a system (especially systems in the field of agricultural engineering) in the form of specific functions and then translated into computer program languages.</i>
Examination forms	<i>Writing and practice</i>
Study and examination requirements	<i>Attendance above 80% Complecion all exams</i>
Reading list	