

Module designation	CE811 Final Project
Semester(s) in which the module is taught	8
Person responsible for the module	Samuel Hutagalung, Dareen Kusuma Halim
Language	Indonesian
Relation to curriculum	Compulsory
Teaching methods	Project Based
Workload (incl. contact hours, self-study hours)	Total workload: - [272 hours] project development and documentation
Credit points	6 / 10.07 ECTS
Required and recommended prerequisites for joining the module	CE712 Research Methodology
Module objectives/intended learning outcomes	<p>Module objectives: Students can conduct scientific research with the right methodology to identify problems and create accurate computer-based solutions, as well as document them in an appropriate scientific format.</p> <p>ELO (Performance Indicator) :</p> <ul style="list-style-type: none"> • E1 - Ability to conduct scientific research in accordance with appropriate scientific methods, principles, procedures, and ethics. • E2 - Ability to apply academic writing. • F1 - Ability to construct solutions with logical, critical, and systematic thinking based on analytically-identified problems. • F2 - Ability to design computer-based solutions to solve actual problems.
Content	A scientific project that must be done by students at the end of the study period. The topics that students can choose must be aligned with the study program objective. The scope of topics that can be taken is quite broad, including smart systems, IoT protocol, technology-based business solutions, infrastructure services for information networks, and software on a wide range of

	computational and user interface platforms such as websites, desktops, and smartphone.
Examination forms	Project, Portfolio
Study and examination requirements	The total average evaluation score from Session Chair, Examiner, and Advisor must be ≥ 55
Reading list	Final Project Handbook