

## Module Handbook

<b>Module Name</b>	Final Project				
<b>Module Level</b>	Higher Diploma				
<b>Code, if applicable</b>	VKT852				
<b>The subtitle, if applicable</b>	-				
<b>Courses, if applicable</b>	-				
<b>Semester(s) in which the module is taught</b>	6 <sup>th</sup> semester				
<b>Person responsible for the module</b>	Tri Esti Purbaningtias, M.Si.				
<b>Lecturer</b>	Thorikul Huda, M.Sc. Yuli Rohyami, M.Sc. Reni Banowati Istiningrum, S.Si., M.Sc. Bayu Wiyantoko, M.Sc. Puji Kurniawati, M.Sc. Tri Esti Purbaningtias, M.Si. Kuntari, M.Sc. Ganjar Fadillah, M.Si.				
<b>Language</b>	Bahasa Indonesia				
<b>Relation to curriculum</b>	Compulsory				
<b>Type of teaching, contact hours</b>	Laboratory work: 1020 min/week				
<b>Workload</b>	Total Workload	272 hours; 6 CU			
		Preliminaries	Internship/ Research	Data Analysis and Report	Exam
	Hours	12,75	238	17	4,25
<b>Credit Points</b>	6 CU/10,2 ECTS				
<b>Requirements according to the examination regulations</b>	100% of requirements attendance in laboratory activities				
<b>Recommended prerequisites</b>	-				
<b>Module objectives/intended learning outcomes</b>	<p>PLO 4: Able to lead in his/her working environment and be an exemplification for society Subject LO:</p> <ol style="list-style-type: none"> <li>1. Students are able to compile daily reports in the form of logbooks and communicate them with superiors/supervisors by applying good ethics and communication skills</li> <li>2. Students are able to compile a final report by paying attention to the rules of writing and presenting it effectively and communicatively</li> </ol> <p>PLO 5: Able to contribute to solving the problem in their work Subject LO: Students have creativity and innovation in solving problems found during the implementation of the final project</p>				

	<p>PLO 7: Able to choose and perform the suitable methods of chemical analysis and operate the chemicals instrument by applying the principles of chemistry occupational safety and health</p> <p>Subject LO:</p> <ol style="list-style-type: none"> <li>1. Students understand the basic concepts that underlie the selection of an analytical method</li> <li>2. Students are skilled in applying laboratory techniques, and are serious in applying K3 in the laboratory while maintaining the tidiness of the workplace</li> </ol> <p>PLO 8: Able to implement the standardized laboratory management system responsibly under supervision</p> <p>Subject LO: Students are disciplined in carrying out field work practices and comply with applicable regulations</p>
<b>Content</b>	<ol style="list-style-type: none"> <li>a. Standard and non-standard analytical methods</li> <li>b. Report writing techniques</li> <li>c. Laboratory engineering</li> <li>d. Health and Safety Procedures</li> </ol>
<b>Study and examination requirements and forms of examination</b>	Seminar (15%), Final report defence (30%), supervisor assessment (30%), laboratory skill assessment (25%)
<b>Media employed</b>	Google classroom, youtube, zoom meeting, google form, google doc, standard method, laboratory handbook
<b>Reading list</b>	<ol style="list-style-type: none"> <li>1. Profession Training and Final Project Guide Diploma Program of Chemical Analysis UII</li> <li>2. Standar Nasional Indonesia (SNI)</li> <li>3. Standar Operation Procedure</li> </ol>