

Course Code	TKIE164201											
Course Name	Field Study Services											
Course Instructors	Instructor may varies											
Course Type	Required											
Course Classification	Engineering Topics											
Credit / Contact Hour per Week	3											
Course Description	Community services is a research-based community service that is obligatory for students at Universitas Gadjah Mada. The main focuses community services purposes is to provide any useful activity for the society around Indonesia.											
Prerequisites Courses	Pass the entire required course.											
<b>Covered Student Outcome</b>	<b>Effective Communication (g)</b> <b>Multidisciplinary Teamwork (h)</b> <b>Engineering Awareness and Society (j)</b> <b>Sustainable Learning (k)</b>											
Learning Outcome	<ol style="list-style-type: none"> <li>1. Students are able to understand the problem in local society</li> <li>2. Students are able to communicate and apply the proposed solution to the society</li> <li>3. Students are able to evaluate the design on solution under constraint in local society</li> <li>4. Students are able to utilize multidisciplinary teamwork for applying solution</li> <li>5. Students are able to propose the further solution for the local society</li> </ol>											
Topic												
<b>Direct Assessment</b>	<table border="1"> <thead> <tr> <th><b>Direct Assessment Plan</b></th> <th><b>Measured Learning Outcome</b></th> </tr> </thead> <tbody> <tr> <td>Community services report</td> <td>LO1-LO5</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>		<b>Direct Assessment Plan</b>	<b>Measured Learning Outcome</b>	Community services report	LO1-LO5						
	<b>Direct Assessment Plan</b>	<b>Measured Learning Outcome</b>										
	Community services report	LO1-LO5										
Indirect Assessment	Questionnaire and direct communication											
References	<ol style="list-style-type: none"> <li>1. Paul Schmitz. Everyone Leads: Building Leadership from the Community Up. Jossey-Bass.</li> <li>2. John K. Estell , Kenneth J. Reid. 2017. Engineering Design and the Product Life Cycle. Momentum Press.</li> <li>3. Elizabeth Orwin , Patrick Little , Clive L. Dym. 2013. Engineering Design: A Project-Based Introduction, Fourth Edition. John Wiley &amp; Sons</li> </ol>											