Course Code	TKIE164201
Course Name	Field Study Services
Course Instructors	Instructor may vary
Course Type	Required
Course Classification	General Education
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.
Covered Student Outcome	**Effective Communication (g)** **Multidisciplinary Teamwork (h)** **Engineering Awareness and Society (j)** **Sustainable Learning (k)**

Learning Outcome

		Study Program Student Outcome
No	Learning Outcome	SO (a) – SO (k)
1.	Students are able to understand the problem in local society	Sustainable Learning
2.	Students are able to communicate and apply the proposed solution to the society	Effective Communication
3	Students are able to evaluate the design on solution under constraint in local society	Engineering Awareness and Society
4	Students are able to utilize multidisciplinary teamwork for applying solution	Multidisciplinary Teamwork
5	Students are able to propose the further solution for the local society	Sustainable Learning

Topic	The topic will be vary with the theme of field study service
Direct Assessment	

Direct Assessment Plan	**Measured Learning Outcome**
Community services report	LO1-LO5

Indirect Assessment	Questionnaire and direct communication
References	1. Paul Schmitz. Everyone Leads: Building Leadership from the Community Up. Jossey-Bass. 2. John K. Estell , Kenneth J. Reid. 2017. Engineering Design and the Product Life Cycle. Momentum Press. 3. Elizabeth Orwin , Patrick Little , Clive L. Dym. 2013. Engineering Design: A Project-Based Introduction, Fourth Edition. John Wiley & Sons