COURSE	Name	Participatory Mapping
	Code	RM184954
	Credits	2 (two)
	Semester	Elective Course

COURSE DESCRIPTION

The purpose of this course is to introduce the concept of participatory mapping as an approach and system related to the direction and objectives of the One Map Policy program. This course will study the mapping problem as a tool to clarify community rights over land related to tenure issues or claims from outside parties such as companies that have licenses to use land. Mapping also aims to show the relationship between the community and the land, the history of the existence of the community in the area, showing where historical places are located. The participatory mapping process is expected to provide students with provisions to further open people's minds about the management of their area.

EXPECTED LEARNING OUTCOME

D	Able to perform spatial data acquisition using modern measurement methods, geospatial data processing, using industry standard software, and making standard designs and analyzes in the fields of geodesy, surveying,
H	Able to work in inter-disciplinary and inter-cultural teams so they can compete at national and international levels.
I	Able to be responsible to the community and adhere to professional ethics in solving technical problems in the fields of geodesy, surveying, hydrographic, remote sensing, photogrammetry, geographic information systems, and cadastral.

COURSE LEARNING OUTCOME

1	Students know and understand the concepts and legal basis of participatory mapping and its application to the needs of the community to support the One Map Policy program.
2	Students have the ability to identify the problem of geospatial needs in the community.
3	Students are able to think critically about the use and management of spatial data for planning as well as some problems of community life in the management of natural / artificial resources in the form of maps.
4	Students have experience making one type of activity product in participatory mapping with the community
5	Students are able to present and analyze the results of participatory mapping in the One Map Policy server (http://petakita.big.go.id)

COURSE MATERIALS

1	Definition and Concept of Participatory Mapping
2	Legal Basis and Problems
3	The Participatory Mapping Process
4	Design of Data Collection Methods
5	Boundaries and Their Problems
6	Map Problems in Indonesia
7	Village Map & Disaster Mitigation Map (Participatory)
8	Participatory Mapping with petakita.big.go.id

PREREQUISITE

No Prerequisite

REFERENCES

A.	Main References
1	Metode Pemetaan Partisipatif. 2015. Aliansi Masyarakat Adat Nusantara (AMAN) (http://aman.or.id)
2	Aplikasi Pemetaan Partisipatif. 2017. (https://petakita.big.go.id/)
3	Badan Informasi Geospasial (http://www.big.go.id/)
B.	Additional References
1	CIFOR – Center for International Forestry Research Center for International Forestry Research (http://www.cifor.org/)
2	Jaringan Kerja Pemetaan Partisipatif (http://www.jkpp.org)
3	Rumah Iklim (http://rumahiklim.org)