



UNIVERSITI TEKNOLOGI MARA

GES722: GEOSPATIAL RESEARCH PROJECT

Course Name (English)	GEOSPATIAL RESEARCH PROJECT APPROVED
Course Code	GES722
MQF Credit	7
Course Description	Each student will be allocated a Dissertation Supervisor who will provide valuable advice, particularly in the early stage of the project. Wherever possible, it will be ensured that a supervisor's specialist interest coincide with the research project chosen by the student. Staff will provide guidance on potential topics although the choice of projects is up to the student. Project that link to the areas identified by the Centre of Studies Surveying Science and Geomatics, Faculty of Architecture, Planning and Surveying are particularly encouraged. In addition, projects undertaken in collaboration with industry can be particularly valuable in terms of the experience they give. Arrangement can be made to permits such collaboration across the widest possible range of external organizations.
Transferable Skills	Research method skill, data analysis, writing skill, , presentation skill.
Teaching Methodologies	Lectures, Lab Work
CLO	CLO1 Describe a research methodology required in a research project in the related field of geospatial technology CLO2 Perform a novel aspect of geographical information processing, either applied or theoretical CLO3 Present individual research project
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to geospatial research project 1.1) The requirements 1.2) References 1.3) Format of assessment	
2. Thesis Formatting 2.1) Describe writing formatting for research project submission	
3. Thesis Publications 3.1) Publication types 3.2) Publication requirement	
4. Supervision 4.1) Guide of dissertation project will be given and discussed with the appointed supervisor for each student.	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Presentation	Students require to present their Marks given on students' oral presentation. Marks will be given based on final report submission.	20%	CLO3
	Written Report	Dissertation of progress report submission to coordinator.	30%	CLO1
	Written Report	Student require to prepare the written lab project and report to the supervisor	50%	CLO2

Reading List	Recommended Text	<ul style="list-style-type: none"> • 1. Randy L. Joyner, William A. Rouse, Allan A. Glatthorn 2018, <i>Writing the Winning Thesis or Dissertation: A Step-by-Step Guide 4th Edition</i>, 4th Ed., Corwin Press • Kjell Erik Rudestam, Rae Newton 2014, <i>Surviving Your Dissertation: A Comprehensive Guide to Content and Process 4th Edition</i>, 4th Ed., SAGE Publications. • Robin Buckley, Timothy Delicath 2013, <i>Dissertation and Research Success: Hands-On Coaching for Doctoral Success Before, During, and After Your Dissertation</i>, Xlibris Corporation. • John Biggam 2015, <i>Succeeding with Your Master's Dissertation</i>, Routledge Publisher.
Article/Paper List	This Course does not have any article/paper resources	
Other References	<ul style="list-style-type: none"> • n/a Tony Parsons, Peter Knight 2015, <i>How to Do Your Dissertation in Geography and Related Disciplines</i> , Routledge Publisher 	