

**COURSE SCHEDULE**

**Course Code & Title: BME499 / BPM499 / EAS499 / ENG499 / FEM499 / ICT499 / MTD499 / MTH499 Capstone Project**

Study Week	BRIEFING, WORKSHOP AND DISCUSSION		DEADLINES	RECOMMENDED TASKS
	<b>Session (Lecture/Tutorial/Seminar/Lab/ Others) &amp; Topics</b>			
	<b>Session</b>	<b>Topic(s) Covered</b>		
Week 1	Semester Start - Capstone start on Week 2 (Saturday allocated for Capstone Project Activities)			
Week 2	Workshop 1	Capstone Commencement Briefing Getting Started and Capstone projects workflow <b>3 August 2019 Saturday</b> 2:00 pm to 5:00 pm (compulsory for students, supervisors and examiners)		Writing of Project Proposal with supervisor's guidance.  Evaluation of project methods, user requirements, literature review, design issues, etc.  Submission of Project Proposal on <b>Week 7, Monday</b> 12:00 noon
Week 3	Meet supervisor (Tutorial 1)	Project Proposal Discussion		(5 weeks)
Week 4	e-Workshop 2 (recorded video)	LabView and NI Instruments for Capstone Projects (optional)		
Week 5	Meet supervisor (Tutorial 2)	Literature search - preliminary work		
Week 6	e-Workshop 3 (recorded video)	Introduction to micro-controller design for Capstone Projects (optional)		

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Week 7	e-Workshop 4 (recorded video)	Introduction to MATLAB Applications for Capstone Projects (optional)	<b>Capstone Project Proposal submission to Canvas on Monday 12:00 noon 2 September 2019</b>	Gather user requirements/system specifications.
Week 8				(3 weeks)
Week 9	Meet supervisor (Tutorial 3)	Feedback of Project Proposal by supervisor		
Week 10				Selection and implementation of system development methods and project management techniques.
Week 11	Meet supervisor (Tutorial 4)	Progress meeting with student		
Week 12				(3 weeks)
Week 13	Meet supervisor (Tutorial 5)	Supervisor and students discuss progress and contents of draft chapter		Carry out design investigations.
Week 14				(4 weeks)
Week 15				
Week 16				

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Week 17				Testing, measurements and refinement of system/model.  (6 weeks)
Week 18	Meet supervisor (Tutorial 6)	Critical phase of project work-needs close supervisor guidance		
Week 19				
Week 20				
Week 21				
Week 22				
Week 23	Meet supervisor (Tutorial 7)	Progress meeting with student		Evaluation of design and model test/measurement results.  (7 weeks)
Week 24				
Week 25			<b>Interim report submission to supervisor and upload to Canvas Monday 12:00 noon 6 January 2020</b>	
Week 26				
Week 27				
Week 28	Meet supervisor (Tutorial 8)	Student to finalize with supervisor the contents of Project Report which are to be included, those that are to be extended and those that are to be discarded.		
Week 29				

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Week 30	Workshop 5	Project Report and Poster Design Briefing <b>15 February 2020 Saturday</b> 2:00 pm to 5:00 pm (compulsory for students)		Writing Project Report  (7 weeks)
Week 31				
Week 32				
Week 33	Meet supervisor (Tutorial 9)	Students discuss with supervisor on how to compile Project Report and do Poster Presentation.		
Week 34				
Week 35				
Week 36				
Week 37	Meet supervisor (Tutorial 10)	Supervisor and student discuss on project report amendments. Supervisor will advise student if report quality is acceptable for submission.		Formatting and finalizing of contents in Project Report  2 weeks
Week 38				
Week 39				Send report for binding  (3 weeks)
Week 40				
Week 41				

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Week 42				Prepare A1 sized poster for presentation. Portrait format and follow template given.  (3 weeks)
Week 43			Capstone Project submission to SRL  <ul style="list-style-type: none"> <li>• 2 hardcopies (bind)</li> <li>• Upload all softcopies and/or software system to Canvas</li> </ul> <b>Deadline: 1<sup>st</sup> day of exam (Monday)</b> <b>11 May 2020</b> <b>12:00 noon</b>	
Week 44				
Week 45			Oral Presentation  <b>Saturday</b> <b>9 am to 1 pm</b> <b>30 May 2020</b>	