



EGCI 491 (T2/2025)

Computer Engineering Project Seminar

MS-Team: <https://teams.microsoft.com/l/team/19%3AAN2aoEgx6t-4GWdFotudZlgGwQbKkZSgSNCXxJlovhY1%40thread.tacv2/conversations?groupId=ca3fbf84-740e-438d-b995-df1c2d3e35d4&tenantId=9bc585f9-a8b8-431c-9013-efa7b2b40cdf>

Pipatphon Lapamonpinyo, Ph.D.
e-mail: pipatphon.lap@mahidol.ac.th

Office Hours: Open door policy and by appointment
(Friday 12:00-13:50, Building#2 R234)

Faculty of Engineering,
Mahidol University



Course Objectives

1. To be able to select a title and a main advisor of your senior project proposal.
2. To be able to effectively write your senior project proposal by using LaTeX (as a group of 2-3 people).
 - Can write a well-structured senior project proposal.
 - Comprehensively understand and can effectively use LaTeX to write their senior project proposal.
3. Can make a clear presentation slides/visuals (for audiences who have and do not have knowledge in the field).
4. Can clearly present your senior project proposal and clearly explain/answer questions regarding to your senior project proposal.



Course Schedule

W	Topics	Date	Notes	Point	Due
1	Introduction	Jan/07		-	-
2	How to write a good proposal	Jan/14	Install LaTeX Development Tools Summarize How to Write a Proposal	2 2	Jan/17
3	LaTeX (1)	Jan/21	Submit Project Title & Main Advisor Submit LaTeX-HW#1	2 10	Jan/24
4	LaTeX (2)	Jan/28	Submit LaTeX-HW#2	10	Jan/31
5	LaTeX (3)	Feb/04	Submit Progress Report#1 – Obj + Scopes Submit LaTeX-HW#3	2 5	Feb/07
6	Writing/Revising chapter 1	Feb/11	Submit Progress Report#2 – CH1 Submit Chapter 1	2 5	Feb/14
7	Literature Review: Paper Presentation	Feb/18	Submit Progress Report#3 – Revised CH1 Select & Present 1 Articles/Person (In-C)	2 5	Feb/21
8	Writing chapter 2 using LaTeX (1)	Feb/25	Submit Progress Report#4 –CH2 Submit – CH2 (1 st Draft)	2 3	Feb/28
9	Writing chapter 3 using LaTeX (1)	Mar/04	Submit Progress Report#5 – CH3 Submit – CH3 (1 st Draft)	2 3	Mar/07
10	Revise chapter 2-3 using LaTeX (2) Drafting proposal's presentation slides	Mar/11	Submit Presentation Slides – 1 st Draft	3	Mar/14
11	Revised proposal's presentation slides Revise chapter 1-3 if required	Mar/18	Submit Progress Report#6 – A Revising List* *For both Proposal & Presentation	5	Mar/21
12	Project presentation Final Proposal Submission	Mar/25	Submit Chapter1-3 Final Final Presentation + Q&A	15 15	In-Class
Attendance				5	
Total				100	



Measurement and Evaluation

Measurement and weight

- **LaTeX Homework (25%)**
- **A title and a main advisor (2%)**
- **Assignments and Progress Reports (38%)**
 - In-class Activities and Assignments
 - Progress Reports
 - Proposal and Presentation Drafts
- **A Final Senior Project Proposal (15%)**
- **A Final Presentation (15%)**
- **Attendance, participation, and behavior (5%)**

Grading evaluation

A	90 to 100 points
B+	85 to 89 points
B	80 to 84 points
C+	75 to 79 points
C	70 to 74 points
D+	65 to 69 points
D	60 to 64 points
F	Less than 60 points

**Work submitted late may receive a penalty. *6 times PRs*