

Electrical Engineer Thesis Proposal Approval Form

Name:	SMC:	Home Phone:	E-mail:
A. Curriculum no. <input type="checkbox"/> 590, <input type="checkbox"/> 591, <input type="checkbox"/> 525, <input type="checkbox"/> 533, <input type="checkbox"/> (other) _____	B. Degree:	C. Date of graduation:	
D. Tentative Thesis Title:			
E. Thesis Advisor:			
F. Thesis Committee Member:		Thesis Committee Member:	
G. Anticipated Funding Requirements (If any):		Funding Provided by:	
H. Anticipated Classification Level:			
I. Human Subjects Research Involved: Read Section "R" to identify whether your thesis project requires IRB approval. If so, approval must be secured BEFORE starting research. Project requires IRB approval: <input type="checkbox"/> Y <input type="checkbox"/> N			
J. Mandatory Graduate Writing Center (GWC) Workshops: The following 4 GWC workshops are required for all MSEE Degree students. Please indicate completion dates for each: 1) Basic of Academic Writing, level 2 (_____), 2) Technical Writing (_____) 3) Strategies for Active Writing (_____), 4) Paraphrasing and Quoting Like a Pro (_____)			
K. Plagiarism/Cheating ➤ The student needs to be aware of the fact that the thesis represents the work of the author alone. It is the student responsibility to insure that material taken from other sources is acknowledged appropriately. ➤ The student will be familiar with the NPS Honor Code Instruction (NPSINST 5370.4C) and the ECE Information handout about plagiarism and cheating . ➤ By turning in this thesis approval form, the student acknowledges having read, understood and agreed to abide by the guidelines specified in the above documents.		L. Thesis Extensions: (please, read) ➤ A Student who detaches from NPS before completing his/her thesis for the master's degree will be granted an extension of one year upon filling out the thesis extension request form. ➤ A student may apply for up to two additional one-year thesis extensions. Requests for these extensions should include a progress report, endorsement from the thesis advisor and any other relevant information. Students are reminded that requests for 3 rd thesis extension will be granted only if the student has made SIGNIFICANT progress towards completion of the thesis, as certified by their thesis advisor. ➤ The student bears full responsibility for maintaining the viability of his/her candidacy. If a student's extension expires, his candidacy has lapsed and the degree cannot be awarded at any time in the future. ➤ Students <u>must</u> complete their thesis requirements <u>within 3 years</u> of the date of detachment from the School	
Please answer items `M through `S shown next page.			

Advisory committee	Approve - check box <input checked="" type="checkbox"/>		Signature	Date
	Yes	No		
Advisor				
Committee Member				
Committee Member				
Academic Associate				
Department Chair:				
Noted/Date:			Program Officer:	

M. Research Questions

This section should include the primary research question and subsidiary research questions to be investigated in the thesis. The primary research questions should be broad enough that it covers the entire spectrum of the research activity. Subsidiary research questions subdivide the primary research question into manageable research segments. This section should include a very explicit statement of the questions the research will seek to answer. While the questions may be redefined later as the research progresses, the initial objective should be made very specific.

N. Discussion of Topic

This section should describe the main thrust of the study, what areas will be specifically investigated and what areas will be excluded; put boundaries around the study; identify what the study will be (e.g., a computer simulation, an experiment, an electronic design and implementation, a system study); discuss any limitations of the study.

O. Tentative Chapter Outline

This section should list tentative chapter headings and provide a brief discussion of chapter content. (Note: This can change).

P. Benefit of Study

This section should present the contribution expected from research efforts, what individuals/organizations may be expected to use results of the thesis (if known) and what problems/issues will be addressed/resolved.

Q. Preliminary Bibliography

This section should include a listing of representative materials consulted during preliminary literature search. This should include references to the problem or issue to be studied, prior thesis work, literature references, or other sources of information. The final bibliography will probably be much more extensive.

R. Milestones

This section should include a tentative list of target dates for completion of the successive stages of the project. You will not be held strictly to this schedule; it is a means of conveying to others when major milestones of the study are expected to be completed. The list should include dates during which of the following activities are expected to be accomplished:

1. Literature Review
2. Construct Research Approach
3. Conduct Research/Travel
3. Analyze Data
4. Draft Thesis
5. Final Thesis Submission/Signature

S. Human Subject Research (This section must be filled in and turned in with the proposal)

For an activity to be considered human subjects research it must be all of the following:

- (i) a systematic investigation
- (ii) designed to develop or contribute to generalize knowledge
- (iii) involve human subjects or their personally identifiable information

Please answer the following questions about the attached research proposal.

Is the activity part of a systematic investigation? For example: Is it part of a planned and structured research investigation? Or, Are you testing a hypothesis or theory?	Yes	No
Is the information you are gathering designed to contribute to generalize knowledge? For example: Is it possible that the knowledge that you develop could be applied to another domain or another population? Is it possible that another researcher be interested advancing your research? Would another researcher be interested in replicating your study with another population?	Yes	No
a) Does this activity involve intervention or interaction with individuals? For example: Does it involve surveys, interviews, online interaction, experiments, audio/video recordings, or equipment testing involving subjects <u>or</u> b) Is the data you are gathering individually identifiable? For example, can the identity of the subjects be readily ascertained by the investigator?	Yes	No

In order for a project to be considered human subjects research, question 1 and 2 and at least one part of question 3 must be answered in the affirmative, in which case it may require review and approval by the IRB before the research may commence. If you think the attached protocol may involve human subjects research or if there is any doubt about whether it involves human subjects research please visit the [IRB website](#) and contact the POC for the Board activities.