

NAVAL POSTGRADUATE SCHOOL
Monterey, California

December 22, 1997

Department of Electrical
& Computer Engineering

MEMORANDUM

From: Chairman, Electrical & Computer Engineering Department
Curricular Officer, Electrical & Computer Programs

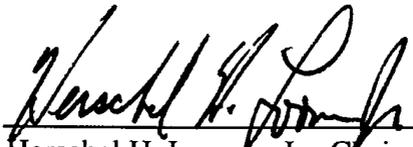
To: ECE Students and Faculty

Subj: THESIS PROPOSAL

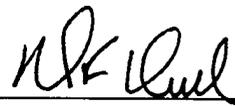
Encl: (1) Electrical & Computer Engineering Thesis Proposal Approval Form

DISCUSSION: Experience has indicated that some students fail to complete their thesis prior to graduation because of their failure to correctly define the limits of their thesis and plan for the accomplishment of important milestones.

ACTION: To insure that students preparing for a degree correctly define their thesis at an early enough stage, the attached form must be submitted to the Chairman of the Electrical and Computer Engineering Department, in typewritten form, to obtain approval to proceed with the thesis. Approval must be obtained no later than the earlier of the following two events: (1) end of the quarter in which a student takes his or her first thesis slot (EC0810) or (2) the beginning of the student's fourth quarter prior to graduation.



Herschel H. Loomis, Jr., Chairman
Electrical & Computer Engineering
Department



CDR Michael F. Dulke, Curricular Officer
Electronics & Computer Programs

THESIS PROPOSAL APPROVAL FORM

NAME _____ SMC _____ HOME PHONE _____

A. Curriculum: _____

B. Date of Graduation: _____

C. Degree: _____

D. Tentative Thesis Title: _____

E. Thesis Advisor: _____

F. Second Reader: _____

G. Anticipated Funding Requirements (if any): _____

Funding Provided By: _____

H. Classification: _____

Please answer items 'I' through 'N' on separate sheets.
Descriptions of these items follow

This form must be in the Department Chairman's office by

Approved/Disapproved Advisor _____ Date _____

Approved/Disapproved 2nd Reader _____ Date _____

Approved/Disapproved Academic Assoc. _____ Date _____

Noted/Date _____ Curric Officer _____

Approved/Disapproved Dept Chairman _____ Date _____

I. Research Questions

Identify the primary research question and subsidiary research questions. 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 should be 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.

J. Discussion of Topic

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.

K. Tentative Chapter Outline

Identify tentative chapter headings and provide brief discussion of chapter content. (Note: This can change)

A. Benefit of Study

State of the contribution expected from your research efforts, what individuals/organizations will use the results of your thesis, and what problems/issues you feel will be addressed/resolved.

M. Preliminary Bibliography

Provide 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.

N. Milestones

This is 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 you expect to complete major milestones of the study. Give the dates during which the following activities will be accomplished.

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

December 22, 1997

Department of Electrical
& Computer Engineering

MEMORANDUM

From: Chairman, Department of Electrical & Computer Engineering

To: ECE Thesis Students and Advisors

Subj: THESIS SAFETY

1. The following information is required to ensure the proper training of thesis students working in potentially unsafe conditions.
2. No student is to begin thesis study without filling in the following questionnaire, obtaining the required signatures, and attaching it to his/her thesis approval form.
3. If the answer to any of these questions changes during the course of a thesis investigation, it is the responsibility of the student and thesis advisor to submit an amended form *before continuing the work*.

HERSCHEL H. LOOMIS, JR.

Student Name: _____

Date: _____

Will this thesis investigation (Yes or No answer) ...

- ... use lasers? _____
- ... use equipment in the Radar Lab? _____
- ... use equipment in the Transient Scattering Lab? _____
- ... use equipment in the Microwave Lab? _____
- ... use voltages higher than 24 volts? _____
- ... expose the student to hazardous materials? _____
- ... expose the student to any other known safety hazard? _____

If so, please list: _____

Thesis Advisor Signature

Student Signature

If the answer to any of the above questions is "Yes", the signature of the ECE Department Laboratory Manager must be obtained. The Lab Manager will instruct the student of any applicable safety requirements.

EC Lab Manager Signature