

Vision & Machine Learning Lab
Block E4 #08-24
4 Engineering Drive 3
National University of Singapore
Singapore 117583

Ph.D. Comprehensive Qualifying Examination (CQE) Instruction

1. It comprises both written (critique on 1 assigned paper) and oral components (presentation).
2. The student will be given either a journal paper or a conference paper to critique. The topic of the paper will be related to the research area of the student. The paper to critique is selected and agreed by all Thesis Advisory Committee (TAC) members out of three papers recommended by the supervisor of the student. TAC members will be nominated by supervisor(s) and approved by ECE Depart. TAC members should comprise at least 3 members, including the supervisor(s), and of which 2 must be non-supervisor.
3. Student will be given 3 days (72 hours) to review the selected paper, and prepare a short written report to be submitted to ECE Depart.

Guidelines of the written report are as follows :

- I. Length of report to be limited to a maximum of 2000 words (about 5 pages of font size 12, Times New Roman, single line spacing).
- II. Report should be type-written, well-spaced, with sections and pages appropriately numbered.
- III. Student is to highlight the following details of the journal / conference paper :
 - *The main contribution of the paper
 - *The strength and weaknesses of the paper, and provide your justification / substantiation
 - *Evaluation on the quality of the technical content of the paper.
- IV. Submit a hardcopy of the completed report to the ECE depart (via Ms Hemamalini, hemamalini@nus.edu.sg) for examination, within 72 hrs after collecting the

exam paper. On the same day, the student is to make copies of this submitted report and furnish them to his / her supervisors and TAC members (submit hardcopies to TAC members' mail boxes) for their review before the examination.

4. On the day of presentation, the student will face a panel of examiners to answer

*questions pertaining to the critique written paper, and

*fundamental questions that test the general competence of student's discipline (i.e. area of research).

5. All students are encouraged to attempt the Ph.D Comprehensive QE during their 1st year of candidature.

6. There is no fixed run schedule of the CQE. A student can register for the CQE whenever he / she is ready to attempt the examination.

7. Student will be allowed to attempt the CQE twice.

8. The examination paper will only be released to student by ECE Depart on a Monday or Tuesday. Student will be informed by ECE Depart via email as to when to collect the examination paper.

9. Student is to discuss with supervisor(s) to fix the appropriate examination date, time and venue. It is the student's responsibility to book the examination venue on his / her own. The completed CQE registration form together with the Appointment of New / Change of TAC Members form are to be submitted to ECE Depart by the supervisor, at least 3 weeks before the scheduled examination date.

10. CQE evaluation forms will be placed in main supervisor's mailbox at ECE Dept nearer to the CQE presentation date. CQE evaluation forms are also available online at the faculty members' e-portal <http://www.ece.nus.edu.sg/intranet/eStation/>. Ask the supervisor to bring the CQE evaluation forms on the day of presentation. Ask the supervisor to submit the evaluation forms to the ECE Dept after CQE presentation.

*PG Matters (on left column of page)

*Ph.D. Qualifying Exams Forms (5th box on the first row at right side of the page)

10. Please refer to the folder "Forms" for CQE related forms and materials.