

National Chiao Tung University
Department of Transportation & Logistics Management
Regulation of Paper-Based Ph.D. Candidate Qualification Examination

Stipulated at the 5th Academic Affairs Meeting in Academic Year 2012 (16 January 2013)
Amended at the 2th Academic Affairs Meeting in Academic Year 2015 (14 October 2015)
Amended at the 9th Academic Affairs Meeting in Academic Year 2018 (12 June 2019)

Article 1. To enhance the Ph.D. students' research ability, the regulation is stipulated in accordance with the article 10 of "National Chiao Tung University Department of Transportation & Logistics Management Academic Regulations for Doctoral Program."

Article 2. The Ph.D. candidate qualification examination may be conducted once for each semester, and the application is due in two weeks after the beginning of the semester. Each applicant should list the courses and the grades of the courses in the three disciplines *Policy and Planning*, *Information and Technology*, and *Operation and Administration*, as well as *Quantitative Analysis Methods*, for which the applicant has studied in the University. The candidate should submit the application after it is approved by his/her advisor (the application form is attached in the appendix). The application submitted to the Academic Committee should be reviewed within two weeks after the application is due, and the qualification examination should be conducted after two months after the review process in the same semester. The date, location and format of examination will be announced by the Chairperson of the Department.

Article 3. The Chairperson of Academic Committee of the Department invites one to two members for each discipline to form the qualification examination committee. The Ph.D. candidate obtained approval can approach the qualification examination committee members for the scope and form of the examination two months before the exam.

Article 4. In general, the examination of each discipline will be in the form of written exam in English and take 6 hours. There are two threshold of the grading. The candidate passes the exam if his/her score is 80 or above, and fails if his/her score is below 70. If the candidate fails in two exams out of the three disciplines, he/she is required to discontinue the study. If the candidate fails only one exam, he/she can retake the exam of the same discipline, which is limited to once only. If the candidate fails the retake, he/she is required to discontinue the study. If the candidate gets a score between 70-79, the committee member of discipline will require the candidate to take an assigned course, which does not count towards the

graduation credit of the degree. If the candidate passes the course, the exam of the corresponding discipline is passed; otherwise, the candidate fails the discipline and has to retake the exam (for one discipline) or discontinue the study (for two disciplines).

Article 5. The Regulations and their revisions will be implemented after being passed at the Committee of Department Affairs of the Department of Transportation & Logistics Management. The same procedure will be applied if the regulation is modified.