

National Taipei University of Technology
Graduate Institute of Manufacturing Technology
Ph.D. Degree Candidate Qualification Exam Guidelines

Approved on executive meeting 2013/01/21
Approved on executive meeting 2014/01/13
Approved on executive meeting 2019/06/24
Approved on executive meeting 2021/03/02

- Article I. The Ph.D. degree candidate qualification exam of the Graduate Institute of Manufacturing Technology (henceforth referred as GIMT) will be held according to the relevant university guidelines and regulations regarding Ph.D. degree candidate qualification examinations.
- Article II. Ph.D. students enrolled in GIMT who have passed qualification exams and completed the required coursework for Ph.D. degree (excluding Doctoral Dissertation) are allowed to apply for Ph.D. candidate qualification exam.
- Article III. Qualification exams are generally held once per semester. Application deadline to attend qualification exam is on the fourth week of each semester. The date of qualification exam is always on the first Friday of the month of December and the month of May.
- Article IV. Qualification exams of GIMT are written exams, for 3 courses, chosen in advance by the applicant. The full score for each course is 100 points. Passing score is 70 points.
- Article V. Courses available for Qualification Exam in GIMT are:
1. Basic Courses: Engineering Mathematics, Automatic Control Systems, Manufacturing, Engineering Mechanics, Materials Science, Thermodynamics, Electronics, and Introduction to Geriatric Medical Engineering. Choose one of eight courses available.
 2. Professional course (I)
 3. Professional course (II)
- Article VI. All courses available since the applicant's year of enrollment that appear on the GIMT's course schedule are considered as *Professional course*.
- Article VII. If there are any changes to the courses available for GIMT's qualification exam, applicants are required to take only qualification exams for courses announced in their respective year of enrollment.
- Article VIII. Qualification exams must be completed within 3 years after enrollment in GIMT. After enrollment, students can apply to attend qualification exam no more than three times during these 3 years. Each time students can apply to take 1~3 exams at once, however only one exam can be for a basic knowledge course. Students who do not meet time requirements or go over the maximum allowed number of times will be expelled from the university.
- Article IX. If course waived was taken by applicant during own studies, and if the final score was indeed in top 30%, the qualification exam for that specific course will be considered "pass", and final score for that course will be taken as score for qualification exam.
- Article X. Students can apply to waive courses where own academic advisor is the instructor only once.

Article XI. If Ph.D. students applying for Ph.D. Qualification Exam Course Waiver have SCI papers accepted for publication or already published before attending the qualification exam, they can apply to waive one qualification exam course in exchange for one SCI publication. However, that same publication will not be considered for doctoral dissertation point count. Publications must comply with the following regulations to be considered for waiver:

1. Academic paper indicates Graduate Institute of Manufacturing Technology as publishing organization.
2. Excluding the academic advisor, applicant is the first author of publication.
3. Publication was accepted or published after applicant enrolled in GIMT.

Article XII. These guidelines shall go into effect upon approval by the Administrative Council at Executive Meetings. The procedure is the same for any revision or amendment.

Note: In case of discrepancy between the English and Chinese versions, the Chinese version shall prevail.

注意：如果本條款與細則的中文版本出現任何不一致之處，則以中文版本為準。