

國立雲林科技大學工程科技研究所
National Yunlin University of Science and Technology
Graduate School of Engineering Science and Technology

工程科技組博士班修業及學位考試細則

Rules and Regulations of Study and Degree Examination

87.02.25 第四次籌備小組會議通過	98.10.20 九十八學年度第二次所務會議修正通過	106.04.20 一百零五學年度第五次所務會議修正通過
87.12.09 八十七學年度第三次所務會議修正通過	99.03.25 九十八學年度第四次所務會議修正通過	106.05.18 一百零五學年度第六次所務會議修正通過
88.06.01 八十七學年度第四次所務會議修正通過	99.09.07 九十九學年度第一次所務會議修正通過	107.05.08 一百零六學年度第四次所務會議修正通過
89.11.29 八十九學年度第二次所務會議修正通過	100.05.25 九十九學年度第四次所務會議修正通過	107.11.20 一百零七學年度第二次所務會議修正通過
90.04.25 八十九學年度第三次所務會議修正通過	100.11.02 一百學年度第一次所務會議修正通過	108.04.17 一百零七學年度第五次所務會議修正通過
90.12.20 九十學年度第二次所務會議修正通過	101.05.24 一百學年度第五次所務會議修正通過	108.05.28 一百零七學年度第七次所務會議修正通過
92.07.02 九十一學年度第四次所務會議修正通過	101.11.15 一百一學年度第三次所務會議修正通過	109.05.19 一百零八學年度第三次所務會議修正通過
93.01.06 九十二學年度第一次所務會議修正通過	102.03.14 一百零一學年度第六次所務會議修正通過	109.10.13 一百零九學年度第一次所務會議修正通過
94.05.19 九十三學年度第二次所務會議修正通過	102.05.14 一百零一學年度第七次所務會議修正通過	109.12.10 一百零九學年度第二次所務會議修正通過
94.06.22 九十三學年度第三次所務會議修正通過	102.07.18 一百零一學年度第八次所務會議修正通過	110.03.26 一百零九學年度第三次所務會議修正通過
95.03.29 九十四學年度第二次所務會議修正通過	103.03.04 一百零二學年度第五次所務會議修正通過	111.06.13 一百一十學年度第三次所務會議修正通過
96.06.15 九十五學年度第三次所務會議修正通過	103.06.05 一百零二學年度第七次所務會議修正通過	111.11.28 一百一十一學年度第四次所務會議審議通過
96.09.28 九十六學年度第一次所務會議修正通過	104.04.21 一百零三學年度第七次所務會議修正通過	113.03.05 一百一十二學年度第三次所務會議修正通過
97.03.26 九十六學年度第三次所務會議修正通過	104.05.26 一百零三學年度第八次所務會議修正通過	113.03.19 一百一十二學年度第四次所務會議修正通過
97.06.04 九十六學年度第六次所務會議修正通過	105.01.19 一百零四學年度第一次所務會議修正通過	114.09.23 一百一十四學年度第一次所務會議修正通過
97.12.17 九十七學年度第三次所務會議修正通過	106.01.05 一百零五學年度第四次所務會議修正通過	115.03.03 一百一十四學年度第三次所務會議修正通過

〈一般規定〉

〈General Requirements〉

- 一、本細則依據本校學則、本校選課要點、本校校際選課實施要點、本校研究生學位考試辦法定訂之。

These requirements are based on the University's Academic Regulations, Course Selection Guidelines, Intercollegiate Course Selection Implementation Guidelines, and the Graduate Degree Examination Act.

- 二、本組學程分為甲（電機與通訊工程）、乙（半導體與光電工程）、丙（資訊工程）、丁（防災與環境資源）、戊（營建工程）等五領域。

The program of Graduate School of Engineering Science and Technology (GET) is organized into five fields: (A) Electrical and Communication Engineering; (B) Semiconductor and Optoelectronics Engineering; (C) Computer Science and Information Engineering; (D) Disaster Prevention and Environmental Resources; and (E) Construction Engineering.

- 三、本組 109 學年度成立電資領域，專收電機、電子及資工專長之國際博士學生；112 學年度成立永續能源領域、數據科學與人工智慧應用領域，招收具工程或科學專業背景之國際博士學生。

This program of GET has established the fields of Electrical Engineering, Electronic Engineering and Computer Science (EEC) in the 109th academic year, specializing in the admission of international doctoral students with expertise in electrical, electronic, and computer science and information engineering. In the 112th academic year, the field of Sustainable Energy (SE) and the field of Data Science and Artificial Intelligence Applications (DS) were established for international doctoral students with engineering or science backgrounds.

〈論文指導教授〉

〈Dissertation advisor qualification〉

- 四、本組博士生必須由本所該領域助理教授（含）以上專任教師中選擇博士論文指導教授，必要時得邀集非本所之校內外學者專家共同指導。**工程科技組數據科學與人工智慧應用暨永續能源領域博士班國際生不適用，另依工程科技組數據科學與人工智慧應用暨永續能源領域博士班國際生指導教授資格認定要點辦理。**

Doctoral students must be supervised by one of our full-time faculty members who is at least an assistant professor in the field. Students may be co-advised by scholars or experts from outside or inside the university as needed.**International doctoral students in the Data Science and Artificial Intelligence Applications and Sustainable Energy Program of the Graduate Program in Engineering Technology are not subject to these provisions; instead, they shall be governed by the Regulations for the Qualification of Supervisors for International Doctoral Students in the Data Science and Artificial Intelligence Applications and Sustainable Energy Program of the Graduate Program in Engineering Technology.**

- 五、指導教授因故離職（含退休）時，得改列為共同指導教授，並應另聘本組該領域助理教授（含）以上專任教師為主要指導教授。若原指導教授退休且無意願擔任共同指導教授時，則須於博士生提出更換指導教授申請時，經原指導教授簽名同意其論文研究仍具一貫延續性後，始通過其與原指導教授共同具名發表之期刊論文之認定。

If the advisor leaves the program for reasons including retirement, the former advisor may be listed as a co-advisor, and a full-time faculty member of the group who is an assistant professor or above in the field shall be appointed as the major advisor. If the former advisor retires and does not wish to serve as a co-advisor and the doctoral student applies for a change of advisor, the doctoral student must obtain the signature of the former advisor agreeing that the doctoral students' dissertation research is consistent and continuous before the doctoral student and the former advisor can be recognized as having published a co-authored journal paper.

- 六、本組新生自錄取報到後至第二學期開始（二月一日）前，須將「指導教授申請單」送達本所辦公室彙整，陳報教務處核備。於入學後第一學期之課程加退選截止前如尚未選定指導教授者，則由各領域之召集人（即支援系所之系主任）暫行代理指導教授。

After admission and before the start of the second semester (February 1), new students must submit the "Application for Advisor" form to the GET office and then forward it to the Office of the Academic Affairs for approval. If students have not selected an advisor by the first semester's deadline of adding and dropping courses, the coordinator of each field (i.e., the chair of the supporting department) will temporarily act as the advisor.

- 七、本組博士生如須更換指導教授時，應先徵得原指導教授及新指導教授同意，並以書面向本所申請核備。

Students who need to change their advisor should first obtain the consent of the former advisor and the new advisor and submit a written request to the GET Office for approval.

〈修課規定〉

〈Course Regulations〉

- 八、本組博士生畢業之前必須修滿必修課程之8學分（含博士論文6學分及專題研討2學分）和選修課程20學分（含）以上(113學年度起入學新生適用)，其中至少須修本所該領域開授核心及選修課程14學分（含）以上，其餘課程經指導教授同意後，得選修相關研究所（含它校）開授之課程。碩士班研究生選讀博士班者，選修課程須修滿32學分(含)以上(包含原於碩士

班已修學分)，博士修業期間至少須修本所該領域開授核心及選修課程20學分(含)以上(外系選修至多採計6學分)(114學年度起入學新生適用)。

8 credits of required courses (including 6 credits of doctoral dissertation and 2 credits of seminar) and at least 20 credits of elective courses must be completed before graduation (This regulation applies to students enrolled in the 113th academic year and thereafter.) At least 14 credits of core and elective courses must be taken in the field, and the rest of the courses may be taken from related Graduate Schools (including other Universities) with the consent of the advisor. For master's students who are directly admitted to the doctoral program, the total number of required course credits shall be at least 32, including credits previously earned during the master's program. During the doctoral study period, students must complete a minimum of 20 credits from the core and elective courses offered by their designated field within the Institute. Up to 6 credits from courses offered by other departments may be counted toward this requirement. (This regulation applies to students enrolled in the 114th academic year and thereafter.)

九、博士生必選工程科技英文寫作與簡報（一）或工程科技英文寫作與簡報（二）(113年2月新生適用)，且不予計入畢業學分，109學年度起入學博士生，未通過者不得申請學位考試。

The courses of Technical Writing and Presentation in English (I) and Technical Writing and Presentation in English (II) are required (this rule is available to students entering in February of the 113th academic year,) and will not be counted for graduation credit; students who have not passed these two courses will not be allowed to apply for the degree examination if they are enrolled in the doctoral program starting from the 109th academic year.

十、本組博士生在修業的第一年每學期修習學分數不得少於4學分，不得多於18學分，其它選課相關規定依本校選課要點處理。

The number of credits to be taken in each semester during the first year of study shall not be less than 4 and not more than 18. Other course taking regulations shall be followed based on the University's course taking guidelines.

十一、本組博士生每學期修讀課程均須經指導教授簽名同意後確定之，否則該學期修讀課程學分不予採計為畢業學分。

Each semester of a course must be signed and approved by the advisor, otherwise the course will not be counted for graduation credit.

十二、本組博士生校際選修它校課程，限本校當學期未開設之課程為原則，並依「本校校際選課實施要點」辦理。

Students may take courses from other Universities only if they are not offered by Yuntech in the current semester, and must follow the "Intercollegiate Course Selection Implementation Guidelines." of Yuntech.

十三、本組博士生經指導教授同意得選修在本校研究所碩士班相同名稱之課程，否則該課程不採計為畢業學分。

The course may be taken under the same title as the master's course in the Graduate School of Yuntech with the approval of the advisor, otherwise the course will not be counted as graduation credit.

十四、丁領域（防災與環境資源）博士生則須選修12學分核心課程及3學分核心實驗課程（選修前須經指導教授同意或指定）；博士生為本校環安系碩士班（一般生）畢業生時，可申請抵修核心課程，但不採計為畢業學分；非本校環安系碩士班（一般生）畢業生時，須依本校環境與安全衛生工程系碩士班修業及學位考試細則第十一條規定，補修相關大學部科目。

Students in field D (Disaster Prevention and Environmental Resources) must take 12 credits of core courses and 3 credits of core laboratory courses (must be approved or assigned by the advisor before taking the course). Students who are graduates of the Master's program (regular students) of the Department of Safety Health and Environmental Engineering at Yuntech may apply for credit for core courses, but they will not be counted as graduation credits; Students who are not graduates of the Master's program (regular students) of the Department of Safety Health and Environmental Engineering must take the relevant undergraduate course(s) in accordance with the regulations of Rule 11 of the Master's Program and Degree Examination of the Department of Safety Health and Environmental Engineering of Yuntech.

十五、戊領域（營建工程）博士生若曾修習同名稱之核心課程且經授課教師認可，得申請抵修核心課程，但不採計為畢業學分(113年2月入學新生適用)

Students in Field E (Construction Engineering) are able to apply for not taking core courses only if they had taken the course with same name and approved by the instructor, but they will not be counted as graduation credits。

〈博士學位候選人資格考核〉

〈Doctoral Candidate Qualification Examination〉

十六、本組博士生須完成本細則修課規定，且須通過博士學位候選人資格考試，始得為博士學位候選人。逕讀博士班者，其申請之替代方案（無論以修課或期刊論文申請替代），均僅得採計於博士班在學期間所修習之課程及發表之期刊論文；凡於學士或碩士班期間已完成之課程或期刊論文，皆不得計入(114學年度起入學新生適用)。

To become a doctoral candidate, students must complete the requirements of these rules and regulations and must pass the Doctoral Candidate Qualifying Examination. For students directly admitted to the doctoral program, any substitute requirements—whether fulfilled through coursework or journal publications—may only be counted if completed during the doctoral study period. Courses completed or journal papers published during the bachelor's or master's program shall not be counted toward the doctoral degree requirements. (This regulation applies to students enrolled in the 114th academic year and thereafter.)

（一）甲領域學生可不參加資格考試，直接申請替代方案。（適用溯及既往）

Students in Field A (Electrical and Communication Engineering) may apply directly to the alternative option without taking the qualifying exam. (Applicable retroactively)

（二）乙領域博士學位候選人資格考核以修課為主，必須取得選修課程（18 學分）平均成績在 75 分（含）以上，且不得有不及格科目。學生修讀課程未達博士候選人資格考核標準者，得以發表英文期刊論文為補救措施，在修業年限內發表額外一篇 SCI、EI 或 SSCI 英文期刊論文，且除指導教授（含共同指導教授）外，不得有其他作者。其EI 英文期刊標準由學術委員會（光電領域）認定之。（104學年度起入學新生適用）

The qualification examination in Field B (Semiconductor and Optoelectronics Engineering) is mainly based on taking courses; students must obtain an average grade of at least 75 (or higher) in elective courses (18 credits) and must not have any failed courses. Students who do not meet the criteria for doctoral candidacy may publish an English journal paper as a remedial measure, i.e., publish an additional SCI, EI, or SSCI English journal paper within the program year, and no author other than the advisor professor (including co-advisor professor) is allowed. The criteria for EI English journals are determined by the Academic Committee

(optoelectronics field). (Applicable to new students starting from the 104th academic year)

- (三) 丙領域博士學位候選人資格考核以修課為主，學生修習至少有六門課程分數達 80 分（含）以上，且各科成績名列該課程修課學生人數前 50%。（適用溯及既往）

The qualification examination in Field C (Information Engineering) is mainly based on taking courses. Students have completed at least six courses with a minimum grade of 80 (or higher) and are in the top 50% of students taking the course in each course. (Applicable retroactively)

- (四) 丁領域博士生資格考核以修課為主，且不採計為畢業學分。學生須修習至少三門資格考核指定課程，學期成績達 80 分（含）以上，且名列該課程修課學生前 50%，惟不得與須選修之 12 學分核心課程重複。學生修讀課程未達博士候選人資格考核標準者，得於在學期間額外發表英文期刊論文抵修課程（1 篇期刊論文抵修 1 門課程），期刊論文標準需為 SCI、SCIE、SSCI 之 Q3 等級以上，或本校 Journal of Innovative Technology 英文期刊（最多 1 篇），且除指導教授（含共同指導教授）外，不得有其他作者。
（111 學年度起入學新生適用，舊生可提出選擇新制或舊制之申請，以一次為限）

資格考核指定課程：空氣污染控制理論、氣膠學、物化處理、生物處理、

應用工程數學、工程熱力學、統計分析

The qualification examination in Field D (Disaster Prevention and Environmental Resources) is mainly based on taking courses; credits are not counted for graduation credit. Students must take at least three courses specified in the qualifying examination, achieve a semester grade of 80 or higher, and be ranked in the top 50% of students enrolled in the course, with no overlap with the 12-credit core courses required. Students who do not achieve the qualification examination standard may publish an additional English journal paper during the course of study to offset the course (1 journal paper to offset 1 course). The standard of journal papers must be at least Q3 level of SCI, SCIE, SSCI, or English Journal of Innovative Technology of the Yuntech (maximum 1 article), and there must be no other authors except the advisor (including co-advising professor). (Applicable to new students starting from the 111th academic year. Existing students can apply for the new or existing policy for one time only.) Specified Courses for Qualification Examination: Theory of Air Pollution Control, Aerosol Science and technology, Physic chemical treatment processes, Physic chemical treatment processes, Applied engineering mathematics, Engineering Thermodynamics, Statistical Analysis

- (五) 戊領域學生可不參加資格考試，直接申請替代方案。（適用溯及既往）

Students in Field E (Construction Engineering) may apply for the alternative option directly without taking the qualifying exam. (Applicable retroactively)

- (六) 電資領域博士學位候選人資格考核以修課為主，學生修習至少有六門課程分數達 80 分（含）以上。

The qualification examination in the fields of Electrical Engineering/Computer Science (EE) is mainly based on taking courses; students have completed at least six courses with a minimum grade of 80 (or higher) in each course.

- (七) 永續能源領域、數據科學與人工智慧應用領域博士學位候選人資格考核以發表期刊論文為主，學生須於修業年限內額外發表至少兩篇 SCI、SCIE、SSCI 之 Q3 等級以上英

文期刊論文或本校 Journal of Innovative Technology 英文期刊（最多 1 篇），且除指導教授（含共同指導教授）外，不得有其他作者。

The qualification examination for doctoral degree candidates in the fields of Sustainable Energy (SE), Data Science and Artificial Intelligence Applications (DS) is mainly based on the publication of journal papers. Students are required to publish at least two additional papers in English journals of SCI, SCIE, SSCI with Q3 quality or higher, or Journal of Innovative Technology of Yuntech (at most one journal paper) within the program year, and no other authors other than the advisor professor (including co-advisor professor) are allowed.

〈資格考試〉

〈Qualifying Examinations〉

十七、本組博士生得於第二學年（八月一日）起申請參加博士資格考試。

Students may apply to take the qualifying examination from the second academic year (August 1).

十八、本組博士生資格考試每年分兩梯次於上、下學期分別舉行（原則上在每年寒、暑假將結束時辦理）。本所博士生經指導教授同意應考科目後，於本所通知期限前提出申請參加資格考試的科目。除有特殊原因經本所專案核准，否則申請後而缺考者，該科目以零分計，且計不通過一次。

The qualifying examinations for doctoral students are held in two separate sessions in the first and second semesters of the year (generally during the winter and summer vacations). After the approval of the advisor for the subjects to be taken, the doctoral students may submit their applications for the qualifying examinations before the deadline notified by the GET. Unless there is a special excuse for not taking the exam after the application has been approved by the GET, the student will receive zero grade for the subject and will fail the exam once.

十九、本組博士生資格考試以筆試行之，各科考試結果分「通過」（70 分【含】以上）及「不通過」兩種。

The qualifying examination for doctoral students is a written examination, with the results of each subject divided into two categories: “Pass” (with a score of 70 [or higher]) and “Fail”.

二十、本組博士生資格考試必須通過二科，每科報考次數不限，每次考試最多只能申請選考兩個科目。如某科第一次未通過，第二次得申請更改選考其他科目。

Candidates must pass two subjects in this qualifying examination, with an unlimited number of applications for each subject, and can only accept a maximum of two subjects in each application. Students who do not pass a subject in the first attempt may apply to change to another subject in the second attempt.

二十一、本組博士生須於入學後五年內（休學期間不計）通過資格考試二科，唯在職進修學生未在規定期限內通過考試者，因特殊需要得酌予延期一年。或任一科目在規定年限內，得以下列兩方案其中之一替代之（適用溯及既往）：

- （一）修業年限內修完各領域指定之課程，學期成績在 75 分（含）以上，且名列該課程修課學生前 50%，但不計於畢業學分。
- （二）修業年限內發表額外一篇 SCI、SCIE、SSCI 或 EI 英文期刊論文，且除指導教授（含共同指導教授）外，不得有其他作者。

但若任一科目之考試為零分（含缺考），一年內將喪失上列兩替代方案之適用資格。

The doctoral students must pass the qualifying examination within five years after enrollment (excluding the temporally leaving period). However, if an in-service student does not pass the examination within the designated period, he/she may be granted a one-year extension due to special needs. Alternatively, either examination subject may be substituted by either of the following two options within the designated years (Applicable retroactively).

(A) Students who have completed the designated courses in each field within the year of study with a semester grade of 75 or higher and are ranked in the top 50% of students enrolled in the course, but are not counted for graduation credit.

(B) Publish one additional journal paper in SCI, SCIE, SSCI, or EI English journals within the academic year of study, and no other author other than the advisor (including co-advisor) is allowed.

However, if you receive a zero score (including missing exams) in any of the qualifying exam subjects, you will be ineligible for the two alternatives listed above for one year.

二十二、本組博士生未於上述期限內通過資格考試，且未能滿足替代方案之條件者，喪失修讀博士學位之權利。

PhD Students who do not pass the qualifying examination within the above period and fail to meet the criteria of the alternative option will not be eligible to continue their PhD degree.

二十三、本組博士生資格考選考科目不得跨領域，各領域資格考試科目命題用書及補修課程由本所提供之。

Qualifying examination subjects may not be taken across fields, and the textbooks and make-up courses for each field of qualifying examination subjects will be provided by the GET.

二十四、本組休學博士生不得申請及參加資格考試。

Temporally leaving students are not allowed to apply for and take the qualifying examinations.

〈博士學位考試〉

〈Doctoral Examination〉

二十五、本組博士生發表之論文須在本所就讀期間投稿，並利用本所全銜刊登或接受，本所始承認其為在學期間之研究成果。

Journal papers published by PhD students in the GET must be submitted during the period of study in the GET and published or accepted under the full title of the GET to be recognized by the GET as research results during the period of study.

二十六、本組博士生於申請博士學位考試前之最低論文發表標準為 SCI、SCIE、SSCI 或 EI 英文期刊論文兩篇（其中一篇需 SCI、SCIE 或 SSCI，且不得與抵免資格考之期刊論文重複），且須與指導教授（含共同指導教授）共同掛名發表，並為該論文之第一順位作者（或該博士生之前僅得列有主指導教授或共同指導教授）；114學年度起入學新生適用。各領域詳細規定如下所示：

甲領域：以上列條文規定為準則。

乙領域：EI 英文期刊標準由光電領域學術委員會認定之。（104 學年度起入學新生適用）

丙領域：EI 英文期刊論文不列入計算。（104 學年度起入學新生適用）

丁領域：EI 英文期刊論文不列入計算。（109 學年度起入學新生適用）

戊領域：EI 英文期刊得以本人出席且親自口頭發表（Oral Presentation）之國際研討會（非於台灣、中國大陸與港、澳地區舉行者）會議論文替代之（採用本標準者必須提供該博士生親自到場口頭發表的清楚證明，例如：口頭簡報之現場相片及出入境證明等）。發表之論文須與指導教授（含共同指導教授）共同掛名，且為第一作者（或該博士生之前僅得列有主指導教授或共同指導教授）；114 學年度起入學新生適用。（適用溯及既往）

電資、永續能源、數據科學與人工智慧應用領域：EI 英文期刊論文不列入計算。（109 學年度起入學新生適用）

The minimum requirement for doctoral students before applying for the doctoral examination is two journal papers published in SCI, SCIE, SSCI, or EI English journals (one of which must be SCI, SCIE, or SSCI and must not be duplicated with a journal paper from a journal that is exempt from the qualifying examination); the papers must be co-authored with the student's advisor (including co-advisors), and the doctoral student must be the first author (or the doctoral student may precede only the primary advisor or co-advisor in the authorship order). (This regulation applies to students enrolled in the 114th academic year and thereafter.) Detailed regulations for each field are as follows.

- Field A: The regulations listed above are used as guidelines.
- Field B: The EI English journal criteria are approved by the Academic Committee on the Field of Optoelectronics. (Applicable to new students starting from the 104th academic year)
- Field C: EI English journal papers are excluded. (Applicable to new students starting from the 104th academic year)
- Field D: EI English journal papers are excluded. (Applicable to new students starting from the 109th academic year)
- Field E: EI English journals may be replaced by papers presented at Oral Presentations in person at international conferences (not held in Taiwan, China, Hong Kong or Macau) (clear documentation of the doctoral student's presence at the oral presentation must be provided if this criterion is used, e.g., photos of the oral presentation and proof of immigration). The published paper(s) must be co-authored with the student's advisor (including co-advisors), and the doctoral student must be the first author (or may be preceded only by the primary advisor or co-advisor in the authorship order). (This regulation applies to students enrolled in the 114th academic year and thereafter). (Applicable retroactively)
- Fields EEC, SE and DS: Field C: EI English journal papers are excluded. (Applicable to new students starting from the 109th academic year)

二十七、博士班學位考試委員應對博士學位候選人所提之論文學科或技術報告有專門研究，並具下列資格之一者：

- （一）現任或曾任教授、副教授者。
- （二）擔任中央研究院院士、現任或曾任中央研究院研究員、副研究員者。
- （三）獲有博士學位，在學術上著有成就者。

(四) 研究領域屬於稀少性或特殊性學科，在學術或專業上著有成就者。
前項第三項、第四項之提聘及認定基準，由系、所務會議定之。

The committee members of the doctoral examination shall have specialized in the dissertation subject or technical report presented by the doctoral candidate and have one of the following qualifications.

- (1) A person who is or has been a professor or associate professor.
- (2) A person who is a Academician of Academia Sinica, a current or former Fellow or Associate Fellow of Academia Sinica.
- (3) Doctoral degree holders with academic achievements.
- (4) Those whose research fields are of rare or special disciplines and who have made academic or professional achievements.

The criteria for the appointment and recognition of the third and fourth items in the preceding items shall be agreed upon by their respective departments and GET.

二十八、本組博士學位考試委員為五至九人，其中校外委員須達全部委員之三分之一（含）以上，委員資格須符合第二十七條之規定辦理。

The number of members of the doctoral examination shall be five to nine, of which at least one-third (or more) shall be outside members, and the qualifications of the members shall conform to the regulations of the Article 27.

二十九、本組博士學位考試委員除本所推薦委員一名外，其餘委員及召集人名單，得由指導教授建議，經本所同意後，由所長提請院長、校長聘任之。

Members of the doctoral examination committee, except for one member recommended by the GET, shall be proposed by the supervising professor and approved by the GET, and the Director of GET shall propose to the Dean and the President for appointment.

三十、本組博士學位考試，至少須有五位委員出席，且其中校外委員須達三分之一（含）以上，始能舉行。考試委員應親自出席，不得委託他人代理。

The doctoral examination shall be held only when at least five members are present, and at least one-third of them must be from outside the university. The members of the examination shall attend the examination in person and shall not authorize others to represent them.

三十一、本組博士學位考試成績以出席委員無記名投票之平均分數決定之，以達七十分以上者為及格，投票以一次為限。如出席委員評定不及格（成績未達七十分）達三分之一（含）以上時，即以不及格論，不再計算其平均分數。

The grade of the doctoral examination is determined by the average score of the committee members present by anonymous vote, and those who reach 70 points or more are considered to have passed the examination. If more than one-third of the members present fail the examination (score less than 70 points), they will be considered as failing and their average scores will not be calculated.

三十二、本組博士學位考試不及格而其延長修業年限尚未屆滿者，得於次學期以後申請重考，重考以一次為限；重考不及格者，即喪失取得博士學位之資格。

Students who fail the doctoral examination and whose extended years of study have not yet expired may apply to retake the examination after the next semester, with a limit of one retake. If the student fails the retake, he/she will be disqualified from obtaining a doctoral degree.

三十三、申請學位考試時，應依下列規定辦理：

(一) 申請及完成期限：依學校學年行事曆為準，於學位考試一個月前提出。

(二) 檢附文件：

- 1、歷年成績單及資格考通過成績單各一份。
- 2、學位論文初稿及提要。
- 3、國立雲林科技大學碩、博士學位考試申請審核表。
- 4、國立雲林科技大學各系（所）博、碩士班學位考試申請書。
- 5、國立雲林科技大學工程科技研究所博士考試申請書。
- 6、國立雲林科技大學工程科技研究所申請博士學位考試期刊論文審核表。

When applying for a degree examination, the following regulations should be followed:

(1) Application and completion deadline: Students must submit the application one month before the degree examination according to the school's academic calendar.

(2) Documents to be attached:

- a. Transcripts of previous years and a copy of passed qualification exams.
- b. Dissertation draft and abstract.
- c. Doctoral Degree Examination Application Approval Form.
- d. Application Form for Doctoral Degree Examination.
- e. Doctoral Examination Application Form from GET.
- f. The Review Form for the published journal papers of the GET students who intend to apply for the doctoral degree examination.

三十四、本組博士生申請學位考試，應於提口試之前一學期至校務系統提報指導教授資料（提報單送本所存查），不得同時提報指導教授並申請口試，逾期者須延後一學期申請口試。

Doctoral students applying for degree examinations should submit their advisor's profile to the Yuntech institutional system one semester prior to the oral examination (the submission form will be sent to GET office for record). You may not apply for a faculty member to serve as an advisor and apply for an oral examination for a degree simultaneously. Late applications must be postponed for one semester before applying for the oral examination.

〈修業年限〉

〈Years of study〉

三十五、修業年限以二至七年為限，在職進修研究生因特殊需求，得酌予延其修業年限，以一年為限。

Duration of study is limited to two to seven years. In-service graduate students may extend their years of study for up to one year due to special needs.

三十六、本組博士生有後列情形之一者，應令退學：

- (一) 在規定修業期限內未完成本所應修課程、博士學位候選人資格考核及博士學位考試者。
- (二) 學位考試不及格者。

Students with one of the following cases should be withdrawn from the University.

- (1) Those who have not completed the required courses, doctoral degree candidate qualification examination and doctoral degree examination within the specified period of study.
- (2) Those who failed the doctoral degree examination.

〈重新入學〉

〈Readmission〉

三十七、本組博士生因故輟學或修業年限屆滿遭退學者，在三年內重新就讀本組博士班（未註冊至多六個學期），其已修之學分、資格考試、學位考試等相關規定如下：

- （一）在原博士修業期間內所修學分可申請抵免，以入學時十年內所修習之課程為限。
- （二）在原博士修業期間內通過的資格考科目得保留，並以十年為有效期限。
- （三）在原博士修業期間所發表論文可於重新入學後合併計算，惟更換指導教授者，原發表論文不計入畢業論文數。

Students drop out of the doctoral program for any reason or the expiration of the academic year was withdrawn, within three years (unregistered up to six semesters) to re-enroll in the doctoral program, the credits they have taken, qualifying examinations, degree examinations and other related rules are as follows:

- (1) Credit may be applied to courses taken during the original doctoral program, but only to the extent of courses taken within 10 years of admission.
- (2) Qualifying examinations passed during the original period of study may be retained and are valid for 10 years.
- (3) The journal papers published during the original doctoral program can be combined after re-admission, but if the advisor changes, the original journal papers will not be counted as the number of journal papers to be published for graduation.

〈其他規定〉

〈Other requirements〉

三十八、本組博士生除在職生外，不得在外兼職或兼差。如有特殊情況，經以書面簽陳指導教授及本所同意後，始得兼職或兼差。

Except for in-service students, doctoral students are not allowed to take part-time jobs or work part-time. In case of special circumstances, part-time jobs or part-time jobs are allowed only with the written approval of the advisor and the GET.

三十九、本細則如有未盡事宜，悉依教育部或本校相關規定辦理。

Any issues not covered in these requirements will be handled according to the relevant regulations of the Ministry of Education or the Yuntech University.

四十、本細則經所務會議通過後公告實施，並送院及教務處備查，修正時亦同。

These regulations shall be announced and implemented after approved by the Committee of GET and sent to the College of Engineering and the Office of Academic Affairs for review, and shall be subject to amendment.