



University : National Chin-Yi University of Technology  
Country : Taiwan  
Web Address : www.ncut.edu.tw

## [SDGs 17] Partnership for the Goals 全球夥伴

[5.3.4] Does your university as a body encourage applications by women in subjects where they are underrepresented?

### NCUT's Efforts to Promote Gender Equality in STEM Education

NCUT actively promotes gender equality in science, technology, engineering, and mathematics (STEM) disciplines. Recognizing the global underrepresentation of women in these areas, the university implements targeted initiatives, scholarships, and mentorship programs to attract and support female students. These initiatives align with Taiwan's national gender-equity education policy and the UN SDG 5 commitment to ensure equal access to education and career development.

#### 1. Challenges in Gender Representation

- **Historical Trends:** Men have traditionally dominated NCUT's engineering and technical programs, whereas women more often choose humanities and business fields.
- **Global and National Context:** Across Taiwan and worldwide, women remain underrepresented in engineering, natural sciences, and manufacturing sectors, despite higher participation in healthcare, education, and social welfare programs.

#### 2. Key Policies and Incentives

##### A. Cross-Disciplinary Credit Courses

- NCUT promotes interdisciplinary learning by allowing students—particularly women—to take courses across departments.
- Each enrolled student receives an incentive subsidy of NT\$1,000 per course, encouraging female participation in engineering-related subjects.
- This initiative supports the Ministry of Education's national campaign to reduce gender segregation in academic tracks.

##### B. Scholarships for Women in STEM

- **Incentive-Based Scholarships:** Under the *National Technical College Overall Development Award Subsidy*, NCUT offers dedicated scholarships to women enrolled in electrical or mechanical engineering.



- **Merit Awards:** Female students who achieve high entrance-exam scores or outstanding academic performance receive NT\$10,000 scholarships, recognizing excellence in traditionally male-dominated fields.

### C. Admission Incentives

- Female applicants to engineering and electrical-engineering programs are granted extra admission points, increasing accessibility and helping to close the gender gap in STEM enrolment.

### D. Extracurricular and Mentorship Support

- NCUT encourages women to participate in STEM-focused clubs, interdisciplinary projects, and industry collaborations.
- Female students are paired with academic and professional mentors, providing guidance in research, innovation, and career planning.

## 3. Educational and Implementation Strategy

- **Active Learning and Problem-Based Learning (PBL):** Hands-on projects connect classroom theory with industrial practice, enhancing women’s technical confidence.
- **Industry-Academia Cooperation:** Students engage in smart-manufacturing and precision-machinery projects with leading Taiwanese firms.
- **Career Development:** Workshops and internships prepare female graduates for competitive positions in technology and engineering.

## 4. Outcomes and Impact

Objective	Key Results
Increase female enrollment in STEM	Growing proportion of women in engineering and electrical programs; improved gender balance across colleges.
Challenge gender stereotypes	Cultural shift encouraging women to pursue technical careers.
Enhance employability	Female graduates gain cross-disciplinary skills, boosting their presence in high-demand industries.
Promote innovation through diversity	Mixed-gender collaboration strengthens creativity and problem-solving in R&D environments.

## 5. Regional and National Contribution

- NCUT’s gender-inclusion policies reinforce Taiwan’s *Gender Equality in Education Act* and national STEM-talent development strategy.
- The university’s model supports the broader transformation toward a more inclusive, innovative, and sustainable industrial workforce.

## 6. Future Commitments

- Expansion of STEM-related scholarships and industry mentorships for female students.
- Integration of gender-equality metrics in admissions and program evaluation.
- Establishment of international collaborations to benchmark NCUT’s best practices in promoting women in STEM.

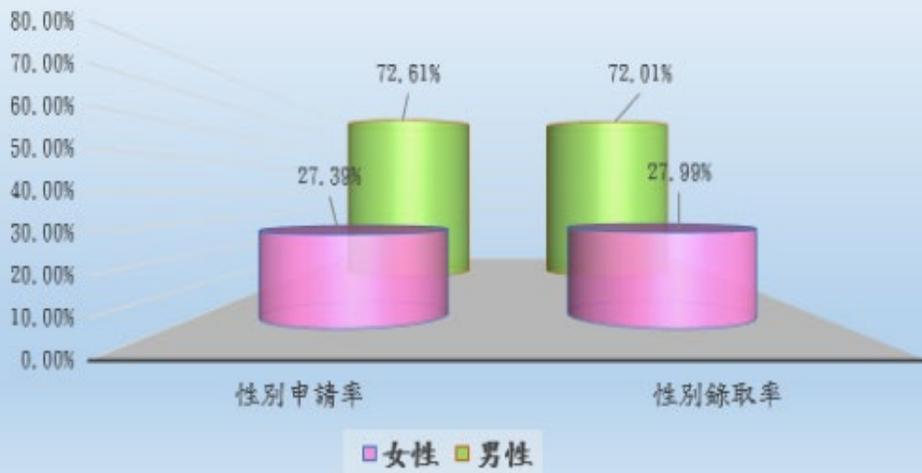
## 7. Alignment with Sustainable Development Goals

SDG Target	NCUT Action
SDG 5.1 – End all forms of discrimination against women and girls	University-wide gender-inclusive admissions and scholarship policies.
SDG 5.5 – Ensure women’s full participation and equal opportunities for leadership	Mentorship, leadership workshops, and research participation for female students.
SDG 4.3 – Equal access to affordable technical and higher education	Financial aid and flexible entry pathways for women pursuing STEM careers.

Through proactive policies, scholarships, cross-disciplinary opportunities, and mentorship programs, NCUT demonstrates institutional commitment to increasing female participation in STEM disciplines, advancing gender equality, and fostering a more inclusive and innovative learning environment



### 國立勤益科技大學 113學年度日間部學生性別 申請率/錄取率



### 國立勤益科技大學 113學年度3管道女性學生 申請率/錄取率



## 國立勤益科技大學入學成績優異獎學金實施要點

- 94.11.11勤技學字第0940001690號函頒
- 101.06.29勤益科大學字第1011100679號函修頒
- 101.11.12勤益科大學字第1011101051號函修頒
- 102.10.07勤益科大學字第1021100756號函修頒
- 108.01.15勤益科大學字第1081100170號函修頒
- 109.02.14勤益科大學字第1091100082號函修頒
- 110.04.08勤益科大學字第1101100238號修頒
- 112.01.05勤益科大學字第1121100003號修頒
- 112.02.02勤益科大學字第1121100073號修頒

一、為獎勵優秀學生就讀本校，特定訂本要點。

二、獎勵對象：本校大學部日間學制學生、研究所碩、博士班一般生及進修部碩士在職專班學生。

三、獎勵條件及金額

### (一)大學部

1. 參加當年度技專校院統一入學測驗原始成績優異者：每學制每系成績第一名者，入學後發給獎學金新台幣1萬元整。  
符合前述獲獎規定之四年制學生，以本校為第一志願，且其參加當年度技專校院統一入學測驗成績達下列條件者，加發獎學金：
  - (1) 各科原始成績全部在前1%以內者，入學後每學期發給新台幣10萬元整。4學年共8學期，最高請領新台幣80萬元。
  - (2) 各科原始成績全部在前2%以內者，入學後每學期發給新台幣3萬元整。4學年共8學期，最高請領新台幣24萬元。
2. 參加當年度大學學科能力測驗成績優異者：其學科能力測驗採計三科或四科總級分任一項科目組合級分中，每學制每系成績第一名者，入學後發給獎學金新台幣1萬元整，每人限領1次。  
符合前述獲獎規定之四年制學生，且其參加當年度大學學科能力測驗成績達下列條件者，加發獎學金：
  - (1) 採計四科總級分達58級分(含)以上者，或採計三科總級分達44級分(含)以上者，入學後每學期發給新台幣30萬元整，4學年共8學期，最高請領新台幣240萬元。
  - (2) 採計四科總級分達52級分(含)以上者，或採計三科總級分達39級分(含)以上者，入學後每學期發給新台幣5萬元整，4學年共8學期，最高請領新台幣40萬元。
  - (3) 採計四科總級分達46級分(含)以上者，或採計三科總級分達34級分(含)以上者，入學後發給新台幣1萬元整，每人限領1次。
  - (4) 女性學生報考工程或電資學院之所屬系，入學後發給新台幣1萬元整，每人限領1次。
3. 符合加發獎學金規定者，其加發之獎學金自入學第二學期起，須符合前一學期學業成績列各該班級前10%(採無條件進位)者，且未受校方申戒(含)以上處分及無不及格科目者，始給予後續之獎學金。如提前畢業者，其畢業當學期成績須列各該班級前10%(採無條件進位)者，且未受校方申戒(含)以上處分及無不及格科目者，取得學位證書時，可申請其餘未