FACULTY
OF
ENGINEERING

STUDENT HANDBOOK

YEAR 2024

BACHELOR OF ELECTRONICS ENGINEERING EDUCATION
FACULTY OF ENGINEERING
UNIVERSITAS NEGERI YOGYAKARTA

pendidikan-teknik-elektronika.ft.uny.ac.id/en

PREFACE

We express our deepest gratitude to God Almighty for His blessings and gifts, which have enabled us to complete the Student Handbook for the Electronics and Informatics Education Department, Faculty of Engineering, Yogyakarta State University (UNY). This meticulously designed handbook is a comprehensive guide, leaving no stone unturned, for students enrolled in the S1 Electronics and Informatics Education programs, ensuring they have all the information they need for a successful academic journey.

This handbook's primary aim is to assist students in navigating their academic journey, providing them with essential information about their courses, curriculum, and academic requirements. Additionally, it introduces students to a wide array of organizations, activities, and facilities available at UNY. By familiarizing themselves with these resources, students can fully engage with campus life and maximize their personal and professional development throughout their S1 program.

We sincerely invite and appreciate the collaborative efforts of all stakeholders in improving and enhancing this handbook for future editions continuously. Your feedback is invaluable in helping us provide our students the best possible support and guidance, making you an integral part of our academic community.

Yogyakarta, June 2024

Editor Team

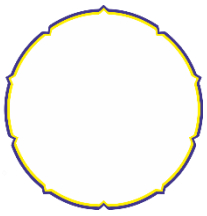
Table of Contents

UNY Symbol

a. Emblem Marker: The emblem is shaped like a pentagonal lotus flower, and the base color is blue. It reads Yogyakarta State University, made in a circle with UNY calligraphy. The image of the wings of the Garuda bird is yellow, and in the center, there is a picture of a monument.
b. The University Emblem is displayed on the University Emblem, Faculty, Postgraduate, Academic Clothing, and Pedel Stick.
c. Application of Colored Emblem The inscription "Yogyakarta State University" is written with the typeface Lucida Fax Bold. Kom [color position as follows: blue (C:91, M:95, Y:0, K:0) | yellow (C:0, M:0, Y:100, K:0)| green (C:100, M:0, Y:100, K:0)| red (C:0, M:100, Y:100, K:0).

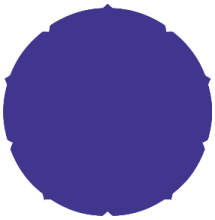
Meaning of the University Emblem :

a. Basic Shape:



The lotus flower is depicted in a five-square padma, symbolizing Pancasila as the basic philosophy of motion, and the yellow color of the contour to express glory.

b. Base Colors



Blue is a neutral color that symbolizes the depth of the soul, the steadfastness of the soul, the authority and steadiness of the steps, and this color is memorable and calm,

symbolizing that higher education must be imbued with depth of thought, high authority, and steadiness in every step and movement.

c. Yogyakarta State University Writing

Yogyakarta State University Writing is made circular, symbolizing the world globe connected with UNY calligraphy.

d. Yellow Wing Image

This shape symbolizes the development of university programs, both national, regional, and international. The wings are framed in the shape of a harp (a traditional musical instrument), symbolizing cultural development.

e. Tugu Image

The Tugu image is a deformation of the Yogyakarta Monument, a characteristic of the city of Yogyakarta. In addition to depicting architecture (technology), the monument also symbolizes the determination of the academic community to carry out the tri dharma.

f. In the Monument Picture, there is:

1) Mustaka in the shape of a three-bladed fire with red symbolizing the Tri dharma
2) The monument's stairs, chest, and body are shaped like a pen, which symbolizes education. •
3) The foot of the monument in the shape of a ladder symbolizes the level of education.

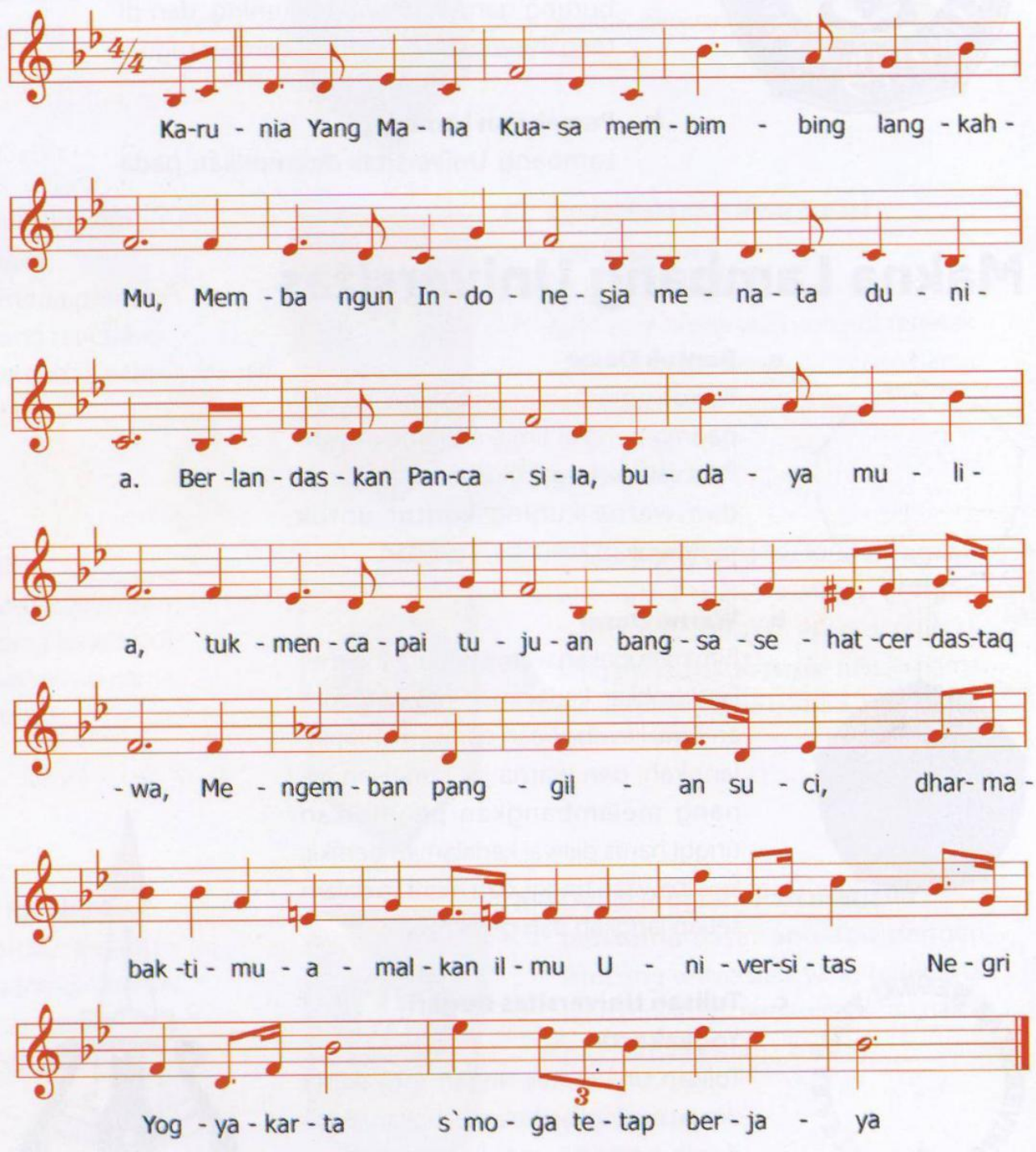
Note:

The Tri Dharma of Higher Education are three fundamental missions that must be carried out by every higher education institution. The mission includes Education and Teaching, Research, and Community Service.

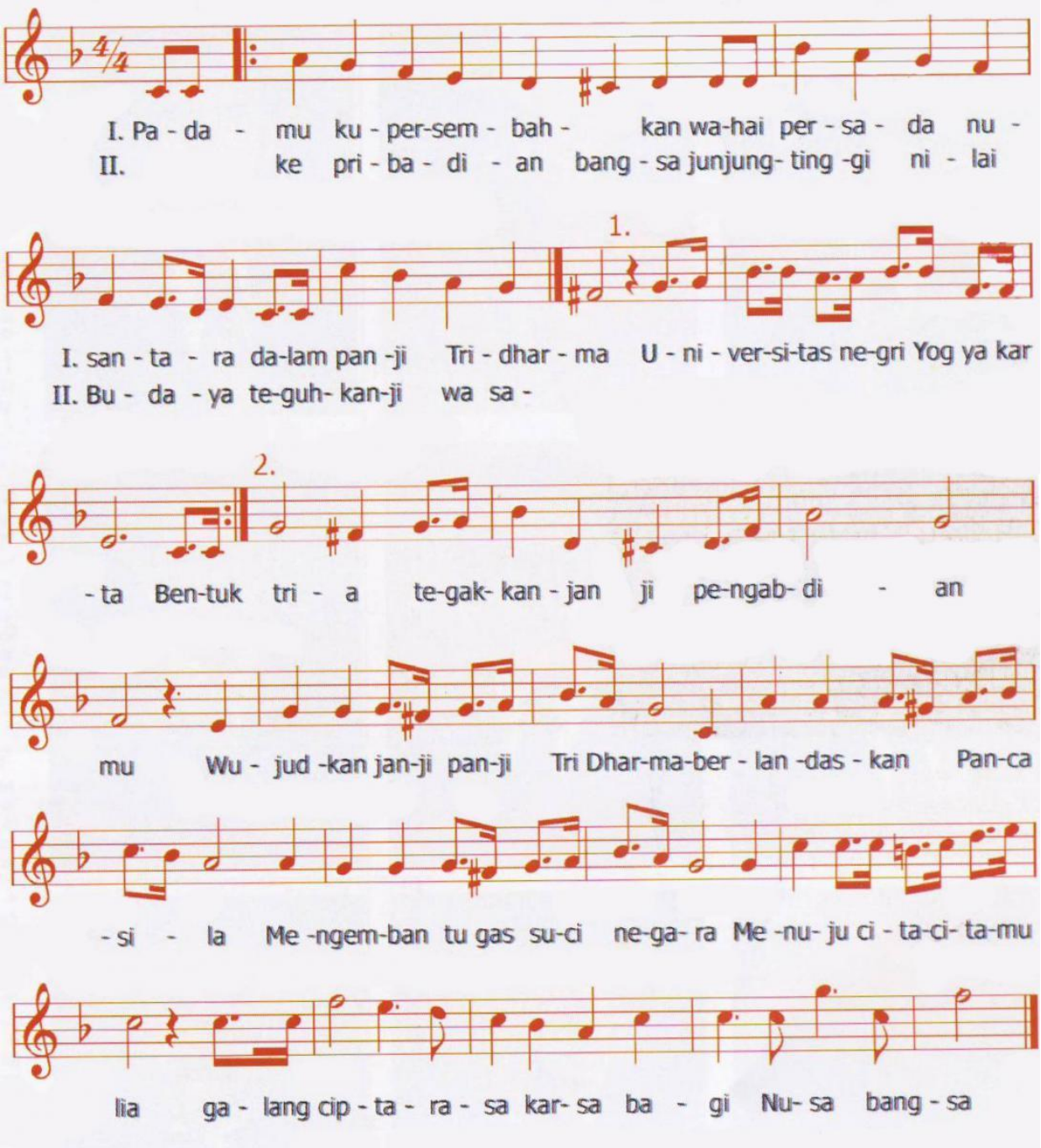
a. Education and Teaching
   The main goal of education and teaching is to create qualified and competitive graduates in various fields. It involves the imparting of knowledge, skill development, and the formation of professional character and ethics.
b. Research
   Research is an important part of the Tri Dharma of Higher Education. Through research, universities contribute to the development of science and technology. The results of this research not only improve the quality of education provided to students and contribute to society's general progress.
c. Community Service
   Community service allows universities to apply and utilize science and technology to help solve societal problems. It includes various activities such as consultations, training, and other services that aim to improve the quality of life in the community.

By carrying out this Tri Dharma, universities play an active role in developing society and the state.

Hymn of Yogyakarta State University



Mars of Yogyakarta State University



1. Profile of the Department of Electronics and Informatics Engineering Education

A. Short History

The need for vocational teachers in 1976, which was adaptive to technological developments and in line with the demands of the curriculum of Secondary Technology Schools/Technical Education Training Center (STM/BLPT), was quite large. Hence, the government developed two Technical Teacher Training Faculties (FKT): FKT IKIP Yogyakarta and FKT IKIP Padang. The two FKT IKIP were developed through the World Bank IV Project (Loan Agreement No. 1237/IND/1976). The departments/study programs developed at FKT IKIP Yogyakarta in the World Bank IV Project are: (1) Electronics Engineering Education Department/Study Program, (2) Electrical Engineering Education Department/Study Program, (3) Mechanical Engineering Education Department/Study Program, (4) Automotive Engineering Education Department/Study Program, and (5) Building Engineering Education Department/Study Program. The Department/Study Program of Electronics Engineering Education FKT IKIP Yogyakarta and FKT IKIP Padang are the first departments established in Indonesia. The five majors are developed based on the standards created by the World Bank IV Project. Laboratory facilities, workshops, studios, lecture halls, administrative buildings, and LRC (Learning Resources Centre) were built to meet the learning process needs of prospective vocational teaching staff. Learning modules and lecturers have been prepared by the World Bank IV Project through various trainings in the country and abroad. The inauguration of the World Bank IV Project at FKT IKIP Yogyakarta was carried out by President Soeharto on October 14, 1981, at the Karangmalang Campus in Yogyakarta.

Based on the Ministry of Education and Culture Number 0714/O/1983 dated March 14, 1983, the name of FKT IKIP Yogyakarta was changed to the Faculty of Technology and Vocational Education (FPTK) IKIP Yogyakarta. Meanwhile, based on the Decree of the Director General of Higher Education of the Ministry of Education and Culture Number: 31/Dikti/Kep/1984 dated May 17, 1984, concerning the Types and Number of Study Programs of each Faculty in IKIP Yogyakarta, FPTK IKIP Yogyakarta has 6 Study Programs, namely: Electronics Engineering Education Study Program, Electrical Engineering Education Study Program, Mechanical Engineering Education Study Program, Automotive Engineering Education Study Program, and Building Engineering Education Study Program, Family Welfare Education Study Program.

During the period 1979 – 1988, the Electronics Engineering Education Study Program implemented government policies to implement the curriculum designed by the World Bank IV Project to meet the needs of STM/BLPT teachers. Prospective students are recruited in almost all regions of eastern Indonesia, including central and eastern Java, Kalimantan, Sulawesi, and Nusa Tenggara, with employment contracts in Service Associations. Graduates in the early years of the Electronics Engineering Education Study Program are absorbed by STM/BLPT, STM Development, Technology Teacher Training Center (PPPG), Vocational Education Development Center (VEDC), lecturers at several state universities, and various State Polytechnics in Indonesia. After 1988, with the government's limited ability to accommodate all graduates, the Electronics Engineering Education Study Program graduates were allowed to find their own jobs according to their interests and abilities.

In line with the government's continuous program to develop vocational education through dual system education, the Electronics Engineering Education Study Program, which is a study program under LPTK, in carrying out academic activities, has adjusted the curriculum by technological developments and the demands of graduate users, namely: curriculum changes in 1986, 1992, 1995, 2002, and with a comprehensive evaluation planned in 2002 academic 2009/2010 Electronics Engineering Education Study Program will use the new curriculum in 2009.

Further developments, based on the Decree of the Director General of Higher Education Number 1499/D/T/1996 dated June 20, 1996, the Department of Electronics Engineering Education was given authority by Higher Education in the form of a wider mandate to organize the Diploma III Level of Electronics Engineering, so that the Department of Electronics Engineering Education FPTK IKIP Yogyakarta in the academic year 1997/1998 accepted new students at the DIII Level of Electronics Engineering. At the same time, the implementation of academic activities in the department serves two Study Programs.

Based on the Decree of the President of the Republic of Indonesia Number 93 of 1999 concerning the Change of IKIP to a University, there was a fundamental change in the organization, namely from IKIP Yogyakarta to Yogyakarta State University (UNY). Based on the Decree of the Rector of UNY Number 507 of 1999 concerning the determination of the names of faculties and departments within UNY, the name of the faculty changed from the Faculty of Technology and Vocational Education (FPTK) to the Faculty of Engineering (FT), while the names of the departments remained.

In 2000, the Electronics Engineering Education Study Program, a collaboration between Yogyakarta State University and the South Kalimantan Provincial Government, accepted new students. All graduates are absorbed in various schools in South Kalimantan Province.

In line with efforts to improve the quality of graduates, the Electronics Engineering Education Study Program received a grant from the Directorate General of Higher Education in the form of a Semi-QUE IV grant scheme for two years, namely the 2002 fiscal year and the 2003 fiscal year. The grant's activities focused on improving the quality of entrepreneurship-oriented academics.

In addition to improving the quality of graduates, improving the quality of service is an important effort of the study program to meet the demands for excellent service quality for the academic community. Therefore, the Electronics Engineering Education Study Program, together with other study programs within the scope of the Faculty of Engineering UNY, has obtained an ISO 9001:2000 Management Quality Standard (SMM) certificate from SUCOFINDO International Certification Services with certificate number QSC 00592.

Based on the results of the evaluation and study of the study program conducted by the Evaluation of Study Programs Based on Self-Evaluation (EPSBED), the Director General of Higher Education issued Decree Number 163/DIKTI/KEP/2007 dated November 29, 2007, concerning the Arrangement and Codification of Study Programs in Higher Education. then the Electronics Engineering Education Study Program at the S1

Level has a Code: 83-202. Thus, juridically, the formal nomenclature of the Electronics Engineering Education Study Program has been recognized for its existence.

The description above shows that the Electronics Engineering Education Study Program has existed since 1979. Until now, it still exists with a number of active students, as many as 229 students (Data from UNY Academic Information Systems). The renewal of the implementation permit should have been issued by the Directorate General of Higher Education of the Ministry of National Education so that the learning process for students of the Electronics Engineering Education Study Program can continue to run well. The preparation of the proposal for the renewal of the license to operate this study program uses the format issued by the Directorate General of Higher Education with Decree Number 108/DIKTI/KEP/2001 concerning Guidelines for the Opening of Study Programs and/or Departments and the Decree of the Minister of National Education Number 234/U/2000 concerning the Establishment of Higher Education.

B. Vision

To be a barometer of the Field of Electronics and Informatics Engineering Education in Indonesia that can produce educational and non-technical education personnel who are intellectual, professional, independent, and conscientious by the demands of science and technology development in the global era.

C. Mission

1. Organizing education and teaching in the field of electronics and informatics engineering for education staff and technical associate experts
2. Carry out research that supports the development of vocational education, technology, and products based on electronics and informatics.
3. Carrying out community service by the field of expertise developed in the department.
4. Developing various resources and cooperation to support the achievement of the vision and mission of the Department.
5. Developing student activities by increasing creativity and personality development.

D. Quality Policy (Kebijakan Mutu)

1. Producing professional human resources in vocational education in electronics and informatics engineering and qualified associate experts in electronics engineering.
2. Producing scientific research and publications supporting vocational education and technology development.
3. Socializing the results of educational studies and research in community service activities.
4. Increasing student creativity supported by academic ability and organizational skills.

E. Address

Department of Electronics and Informatics Engineering, Faculty of Engineering, Yogyakarta State University Jl. Karangmalang No.15, Karang Gayam, Caturtunggal, Depok District, Sleman Regency, Special Region of Yogyakarta 55281

F. Organizational Structure

No	Position	Name
1.	Head of the Department of Electronics and Informatics Engineering Education	Dr. Ir. Drs. Masduki Zakarijah, M.T.
2.	Secretary of the Department of Electronics and Informatics Engineering Education	Ir. Satriyo Agung Dewanto, S.T., S.Pd.T., M.Pd., IPM., ASEAN Eng.
3.	Coordinator of the Undergraduate Study Program (S1) in Electronics Engineering Education	Dr.Phil. Ir. Mashoedah, S.Pd., M.T.
4.	Coordinator of the Undergraduate Study Program (S1) in Informatics Engineering Education	Dr. Ir. Drs. Masduki Zakarijah, M.T.
5.	Coordinator of the Undergraduate Study Program (S1) in Information Technology	Nurkhamid, S.Si., M.Kom., Ph.D.
6.	Coordinator of the Master of (S2) Education in Electronics and Informatics Engineering Study Program	Dr. Ir. Fatchul Arifin, S.T., M.T.

G. Lecturer Staff

The teaching staff/lecturers consist of 45 people divided into 4 study programs, for information about each individual can be seen on the website https://dptei.ft.uny.ac.id/staff-pengajar

H. Facilities

Here are some of the facilities you can find at DPTEI FT UNY:

1. Secretary/ Department Room
2. Lecturer Rooms
3. Theory classroom

4. Laboratory for Practice
5. Microteaching laboratory
6. Library and Reading Room
7. Workshop Room

Figure 1. Theory classroom

Figure 2. Programming and Information System Laboratory

The Faculty of Engineering, State University of Yogyakarta (FT UNY) regulates and maintains facilities that can be used by DPTEI FT UNY students, including:

1. Classrooms in the faculty
2. Hall
3. Media Building for learning practice
4. Mosque
5. Student Center FT UNY for student activities, both departmental level organizations and Student Activity Units
6. Parking Area
7. Canteen

I. Our Journal

The Department of Electronics and Informatics Engineering Education has a forum for students, researchers, and academics to publish their research results. The journals include:

1. Elinvo (Electronics, Informatics, and Vocational Education)

Journal Title	ELINVO (Electronics, Informatics, and Vocational Education)
ISSN	2477-2399 (online) | 2580-6424 (print)
DOI Prefix	Prefix 10.21831 by Crossref
Editor in Chief	Handaru Jati
Publisher	Department of Electronic Engineering Education, Faculty of Engineering, Universitas Negeri Yogyakarta
Frequency	Two issues per year (May & November)
Citation Analysis	Sinta | Google Scholar | Garuda | Dimensions

Elinvo (Electronics, Informatics, and Vocational Education) is a peer-reviewed journal that publishes high-quality scientific articles in English in the form of research results (the main priority) and/or review studies in electronics and informatics in terms of their technological and educational development.

Elinvo (Electronics, Informatics, and Vocational Education) accepts scientific articles in electronics and informatics from national and international academicians and researchers.

Elinvo (Electronics, Informatics, and Vocational Education) is published annually by the Department of Electronic Engineering Education, Faculty of Engineering, Universitas Negeri Yogyakarta. Elinvo (Electronics, Informatics, and Vocational Education) Editorial Team consists of editors with experience writing articles nationally and internationally (Scopus); this information is available in detail on the Editorial Team page. Elinvo (Electronics, Informatics, and Vocational Education) has a house style consisting of Title, Author Identity, Abstract, Keyword, Introduction, Methods, Results, Conclusion, and References. It can be accessed on the Author Guidelines page. The article is edited through the review process by at least two (2) competent reviewers. The editor-in-chief decides the accepted articles based on the editorial board's recommendation. Plagiarism screening is conducted through Google Scholar. This information is available in detail on the Policies page. The information further can be found in https://journal.uny.ac.id/index.php/elinvo

This journal has been ACCREDITED by National Journal Accreditation (ARJUNA) Managed by the Ministry of Research, Technology, and Higher Education, Republic Indonesia with Second Grade (Peringkat 2, Sinta 2).

2. Journal of Information Technology and Education (JITED)

Journal Title	Journal of Information Technology and Education (JITED)
ISSN	3026-6564 (Online)
DOI Prefix	Prefix - by Crossref
Frequency	Two issues per year (March & September)
Publisher	Department of Electronics and Informatics Engineering Education, Faculty of Engineering, Universitas Negeri Yogyakarta

Journal of Information Technology and Education (JITED) is an Electronic Journal of Informatics Engineering Education Bachelor Study Program that contains a collection of Undergraduate Thesis Final Assignments.

JITED is a peer-reviewed journal that publishes high-quality scientific articles in Bahasa Indonesia in the form of research results (the main priority) and or reviews studies in the field of information technology in terms of technological development and education. JITED accepts scientific articles in information technology from national and international academicians and researchers.

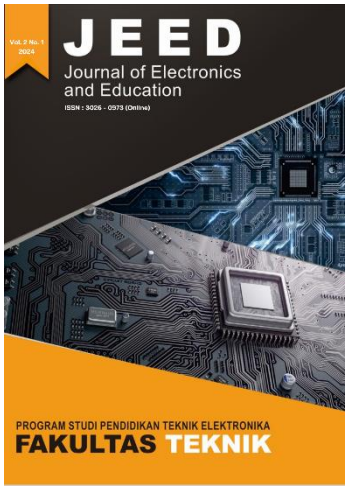
JITED Editorial Team consists of editors with experience writing articles nationally and internationally (Scopus). This information is available in detail on the Editorial Team page.

JITED has a house style consisting of a Title, Author Identity, Abstract, Keyword, Introduction, Methods, Results, Conclusion, and References. It can be accessed on the Author Guidelines page. The article is edited through the review process by at least two (2) competent reviewers. The editor-in-chief decides the accepted articles based on the editorial board's recommendation. Plagiarism screening is conducted through Google Scholar. This information is available in detail on the Policies page. More information can be found in https://journal.uny.ac.id/v3/jited.

3. JEED (Journal of Electronics and Education)

Journal Title	JEED (Journal of Electronics and Education)
ISSN	3026-0973 (Online)

DOI Prefix	Prefix - by Crossref
Frequency	Two issues per year (March & September)
Publisher	Department of Electronic Engineering Education, Faculty of Engineering, Universitas Negeri Yogyakarta



Journal of Electronics and Education (JEED) is a journal that publishes high-quality scientific articles in Indonesian in the form of research results (the main priority) and or reviews studies in the fields of electronics in terms of their technological and educational development, including the following fields of study: 1) Applied Electronics, 2) Vocational Education in the field of Electronics, 3) Technology in Electronics, 4) Engineering in Electronics, & 5) Electronics Learning.

4. Journal of Information Engineering and Technology (JIETY)

Journal Title	Journal of Information Engineering and Technology (JIETY)
ISSN	3026-6459
DOI Prefix	Prefix - by Crossref
Frequency	Two issues per year (March & September)
Publisher	Department of Electronics and Informatics Engineering Education, Faculty of Engineering, Universitas Negeri Yogyakarta

JIETY is a peer-reviewed journal that publishes high-quality scientific articles in Bahasa Indonesia in the form of research results (the main priority) and or reviews studies in the field of information technology in terms of technological development.

JIETY accepts scientific articles in information technology from national and international academicians and researchers.

JIETY Editorial Team consists of editors with experience writing articles nationally and internationally (Scopus). This information is available in detail on the Editorial Team page.

JIETY has a house style consisting of a Title, Author Identity, Abstract, Keyword, Introduction, Methods, Results, Conclusion, and References. It can be accessed on the Author Guidelines page. The article is edited through the review process by at least two (2) competent reviewers. The editor-in-chief decides on the accepted articles based on the editorial board's recommendation. Plagiarism screening is conducted through Google Scholar. This information is available in detail on the Policies page. Further information may be found at https://journal.uny.ac.id/v3/jiety/index.

2. Lecture System

The Undergraduate Program (S1) has a minimum study load of 154 credits and an education period of 8 semesters.

A. Academic Guidance

After being accepted as a UNY student, the Department will appoint an Academic Advisor/Supervisor, also known as a Guardian Lecturer, for each student. Initial guidance will be carried out classically. The next guidance is carried out 3-4 times every semester individually. The scope of academic guidance includes:

1. Course-taking consultation at the beginning of the semester,
2. Monitoring of learning progress in the middle of the semester,
3. Evaluation of lecture results at the end of the semester,
4. Consultation services for students who have problems,
5. Providing direction in terms of selecting and proposing scholarships,
6. Direct students to participate in off-campus activities (national/international seminars).

Students also need to consult with academic advisors when they take Field Work Practice (PKL) or the Final Project. Advisors can be met in their respective offices (see p. 4), preferably by making an appointment in advance.

B. Semester Credit System/ Credit Hour System (SKS)

The credit system implements education by stating the study load of students, the workload of teaching staff, and the burden of running educational institutions in the form of credit. By using this system, each student can design a way to meet his or her entire study load by considering his or her abilities, talents, and interests. The credit system also facilitates the transfer of credit between departments or between faculties in one university, even between universities.

Semester is a unit of time for the effective learning process for 16 (sixteen) weeks, excluding the final semester exam. In accordance with the Regulation of the Rector of Yogyakarta State University, throughout the academic year three semesters are held, namely:

1. Odd semester: September to January of the following year.
2. Even semester: February to June of the current year.
3. Short/intermediate semester: July to August of the current year.

The entire learning that must be undergone by every student to complete the undergraduate level is carried out in various forms of educational activities, namely lectures, practicums, seminars, fieldwork practices (PKL), real work lectures (KKN), the writing of final projects. The implementation of education at UNY is based on the Semester Credit System (SKS) so each educational activity is measured by a standardized unit of study load, namely the semester credit unit (SKS). The allocation of time needed to undergo educational activities as much as one credit in a week is as follows.

a) Learning is through lectures, responses, or tutorials.
   1. 50 (fifty) minutes of face-to-face learning process.
   2. 60 (sixty) minutes of structured learning tasks; and
   3. 60 (sixty) minutes of self-learning assignments.
b) Learning in seminars or other similar forms consists of.
   1. Face-to-face activities 100 (one hundred) minutes; and
   2. Independent activities 70 (seventy) minutes.
c) Learning in the form of practicum, studio practice, workshop practice, and field practice is given a time allocation of 170 (one hundred and seven ten) minutes, including preparing reports and responses.
d) 170 (one hundred and seventy) minutes are allocated for Learning through research or service to the community, which is included in preparing proposals and reports.

For example, a student who takes the Digital signal Processing Laboratory Work course with a weight of 2 credits means that he needs to set aside 150 minutes every week to participate in lecture activities, 180 minutes to do structured learning tasks (e.g. homework), and 180 minutes of independent learning (e.g. doing practice questions, re-reading lecture notes, and so on).

C. Credit Hours/Course Load (Beban Studi Mahasiswa)

The study load of students each semester is determined by considering the individual abilities of students and the average study time in a day. If a student is considered to work normally for 9 hours per day, then there is a study time of around 54 hours or 3,240 minutes in one week. By looking at the time allocation of 1 credit hour, equivalent to 170 minutes, it is obtained that the student learning load under normal conditions is 20 credit hours per semester. The Achievement Index (IP) achievement measures each student's abilities. Semester IP is determined by the formula of the number of letter grades transferred to the number value or weight multiplied by the number of course credits divided by the number of credits taken by the student concerned in a certain semester. An example of IP determination in the table is as follows:

Table 1. Example of Calculation of Achievement Index (IP)

Course	SKS	Grade		Credits x weight
		Letter	Weight	
Socio-Anthropology Education	2	C+	2.33	2 X 2,33 = 4,66
Vocational Learning Strategies	3	B	3,00	3 X 3,00 = 9,00
Vocational Learning Assessment	3	B+	3.33	3 X 3,33 = 9,99
Hybrid Vehicle Technology	4	A-	3,67	4 X 3,67 = 14,68
Educational Practice	6	A	4,00	6 X 4,00 = 24,00
Sum:	18			= 62.33

If the grades have not been uploaded, the credit weight of the course is not used in determining IP. The maximum study load that can be taken by students is determined by the previous semester's IP as formulated in the following table:

Table 2. Maximum Study Load

IP (Semester)	Maximum Study Load (SKS)
> 3,00	24
2,50 s.d. 3,00	22
2,00 s.d. 2,49	20
< 2,00	18

D. Courses

The curriculum of the Undergraduate Program in the Department of Engineering Faculty FT UNY comprises several courses, with the respective weights stated in the credits. The number of credits in each subject is not the same, but it is determined according to the scope of the material and the burden of studying the course. Based on its nature, there are two groups of courses:

1. *Compulsory* subjects must be taken/followed by all study program students. There are compulsory courses organized by universities, faculties, and study programs. More than 75% of the courses taken by students are compulsory subjects.
2. *Elective* courses can be selected according to the interests and talents of students to complete graduation requirements. Taking elective courses should also consider the theme of the final project that students want to compile.

Each course also has a course code consisting of three letters followed by four numbers. The three-letter code indicates the category of the course, which is:

MKU	Compulsory subject in Yogyakarta State University
FTE	Compulsory subject in Faculty of Engineering
MDK	Compulsory Education Courses
EKA	Non-Educational Electronics Engineering Courses
PEN	Educational practice courses
MKL	Course Practice Work Field
TAM	Student Final Project

E. Registration and Tuition Fee Payment

Towards the start of the new semester (December / May / July), students are expected to monitor information on the payment of tuition fees in the form of Single Tuition (UKT) at Yogyakarta State University.

1. Payment can be made according to schedule online at Bank BTN, Bank BNI, or Bank Mandiri, Branch Offices / Cash Offices throughout Indonesia, or Bank BPD DIY Branch / DIY Cash Office, stating the Student Identity Number (NIM).
2. Students who have finished their studies and will only undergo Judicium at the beginning of the semester can apply not to pay the tuition fee / UKT to Deputy Dean I and submit it to the PNBP Sub-Division of Finance and Accounting Section and the Registration and Statistics Sub-Division in the UNY Rectorate complex. If the Judisium date exceeds the specified limit (withdrawal), the student must report back to the PNBP Sub-Division of Finance and Accounting and pay the semester tuition /UKT fees.
3. In the event of payment process constraints (eg difficulties in knowing the number of bills, differences in the number of bills, etc.), students are requested to contact the UNY Finance and Accounting Section at the West Wing Rectorate Building of the 3rd floor, telephone (0274) 552558 before the deadline for payment of fees education / UK

Students who do not register by paying tuition fees until the deadline for payment ends will be processed on a status basis for college leave. Further provisions regarding college leave can be seen on page 25

F. Course Registration/Course Selection

Registered students have the right to participate in educational activities during the semester. Therefore, students must design learning activities in the coming semester by filling out a Study Plan Card (KRS) online on the SIAKAD account (http://siakad2013.uny.ac.id). The KRS filling process is as follows.

1. Students must ask for the approval of their Academic Advisors before filling out online KRS related to the course and the number of credits.

2. Students open a SIAKAD account with their respective email and password. Furthermore, during the KRS filling period, the system will display a list of courses available during the semester, along with the name of the supporting lecturer, lecture schedule, and the remaining student capacity. Students can choose the course they want to take. Automatically, the SIAKAD system will limit the number of credits of courses that can be taken based on the IP achievements of the previous semester.
3. Academic Advisors provide online approval regarding the number of credits students take for the semester based on the IP achieved in the previous semester.
4. Students can cancel courses taken in the current semester no later than the 8th week (eight) counted from the first week of lecture with the approval of online PA lecturers.
5. Students can add at most one course in the current semester no later than the third week (three) counted from the first week of lecture, provided they do not exceed the maximum study load allowed in one semester.

Every student only follows the final exam for each subject that is written on the Study Plan Card.

G. Teaching Methods/Instructional Methods

At the first meeting or face-to-face of each course, lecturers explain course descriptions, syllabi, handbooks/references, learning strategies, and assessment systems. Furthermore, lecturers and students sign lecture contracts containing the frequency of assignments, quizzes, and insert tests, as well as the minimum attendance and weight of the assessment agreed upon between the lecturer and the student. Lectures can be held face-to-face or blended, combining direct face-to-face and online learning.

1. Face-to-Face Learning/In-Person Learning

Lectures in the form of face-to-face lectures, both theory and practice, are carried out in lecture halls and laboratories/workshops available at the Department of Electronics and Informatics Engineering Education FT UNY In attending lectures, students must be present on time and comply with the lecture rules at DPTEI as well as the rules of agreement in the lecture contract. Attendance for face-to-face lectures is carried out online at https://siakad.uny.ac.id/presensi

2. Online Learning

Online lectures at the Department of Mathematics Education at UNY are done through the site http://besmart.uny.ac.id. After logging in by entering the UNY e-mail account and password, users can choose faculties, study programs, to courses. In each course, various files (videos, material summaries, handouts) are available for students to download. Students can also take online quizzes.

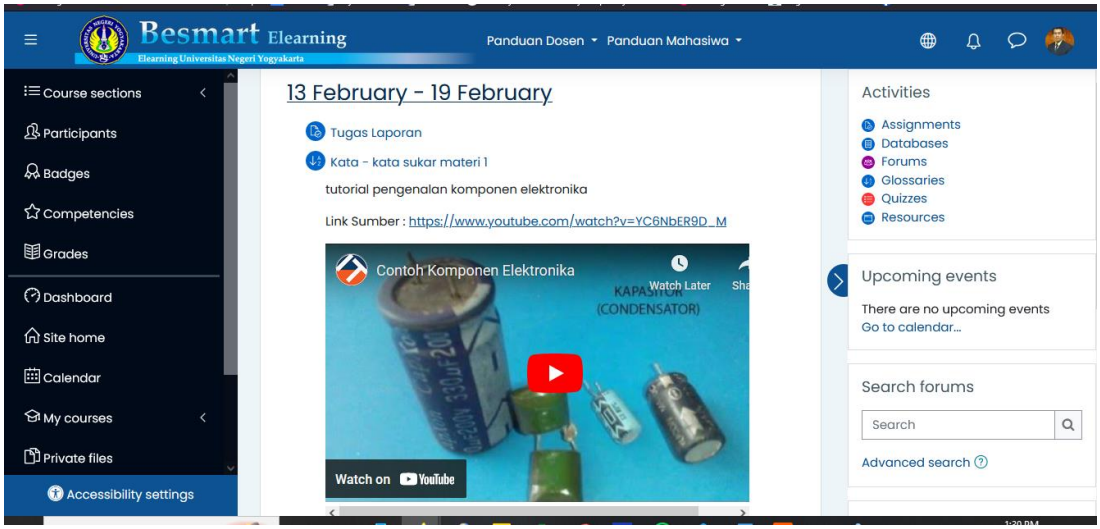


Figure 3. Be-Smart E-Learning UNY

Online lectures can also be combined with face-to-face lectures, known as blended learning methods.

H. Assessment and Exams

Students' abilities are assessed in a course through assessment per course result (CO) and end-of-semester exams. CO assessments can come from assignments individually and in groups, quizzes, and projects, as listed in the module handbook for each course. The Mid-Semester Exam (UTS) and Final Semester Exam (UAS) are exams whose implementation is scheduled according to the academic calendar. The schedule and location of the event are announced on the DPTEI website and bulletin board. Each student can only take a maximum of two exams in one day.

The final score (NA) obtained by students for courses (MK) is the accumulation of grades obtained per sub-achievement learning, Mid-Semester Exam (UTS) and Final Semester Exam (UAS), with the weight specified in the handbook module and by the lecture contract. The final value is expressed in letters and numbers based on the values in the table below.

Table 3. Conversion Grade

A (Scale 0 – 100)	Score	
	Letter	Number
86 – 100	A	4,00
81 – 85	A-	3,67
76 – 80	B+	3,33
71 – 75	B	3,00
66 – 70	B-	2,67
61 – 65	C+	3,33
56 – 60	C	2,00
41 – 55	D	1,00
0 – 40	E	0,00

Students who have not completed and submitted assignments related to the subject matter are not given a grade, and the grades are given a K mark. The K mark can be converted to their proper grade if the student has completed and submitted assignments within a maximum period of one semester. If the assignment is not fulfilled, students will get grades according to the achievements of the tasks/components that already exist. Final grades for each student can be accessed at https://siakad.uny.ac.id no later than two weeks after the exam is held (before the registration period for the next semester) by logging in using each student's account. Based on the final grade, the semester achievement index (IP) can be determined by the number of letter grades that have been transferred to the value of the number/weight multiplied by the number of credits of the course divided by the number of credits taken by the student concerned in a particular semester.

The Performance Index influences the number of credits students can take in the next semester. So, hopefully, students can find out the maximum number of credits that can be taken in the next semester and can use exam results to consider what courses will be taken in the next semester.

l. College Leave (Cuti)

According to the 2023 Academic Regulation Book, college leave is a study period. The requirements for a college leave permit are as follows:

a. For diploma programs, applied master's programs, and undergraduate programs, have taken at least one college Semester, at least 10 (ten) credits have been taken have a minimum IP of 2.00 (two zero-zero points);
b. For master's and doctoral programs, have a minimum GPA of 3.00 (three zero-point zeros) and a study period of 1 (one) semester.
c. Outstanding students representing the university or state can be given special leave by attaching a letter of assignment from the ministry.
d. The student is not currently receiving a scholarship unless permitted by the scholarship provider and has not exceeded the limit of the specified number of college leaves.

The application procedure for college leave is completed online, followed by the following stages:

a. Students are required to apply for leave through *http://eservice.uny.ac.id*.
b. The system sends an email copy of the leave application to the PA Lecturer for approval.
c. The system sends a copy of the data entry as a notice via e-mail to the Dean of the Faculty or the Director of the School Postgraduate.
d. UNY academic department processes college leave approval to the Rector and
e. The UNY Academic Sub-Directorate sent an e-mail containing a Lecture leave application signed by the Rector to the proposing students, with a copy to the PA Lecturer, Head of Department or Study Program Coordinator, and Dean or Director of the Graduate School.

Students will be automatically given college leave if they do not register without requiring a college leave letter. This automatic college leave is given a maximum of two times as long as the student still has the right to leave. In addition, college leave permits can also be given to students who have re-registered for reasons that can be accounted for. However, the college leave permit granted is not accompanied by a refund of the tuition fees that have been paid, and the study plan is canceled for the current semester. The time of college leave that can be given for each study program is determined based on the following applicable provisions:

a. Diploma program for 2 (two) semesters.
b. Undergraduate and applied undergraduate programs for 4 (four) semesters; and
c. Master's and doctoral programs for 2 (two) semesters.

Applications for college leave permits can be submitted every semester. Consecutive college leave is only allowed for a maximum of two semesters. After taking a leave of absence for two consecutive semesters, students will be active again in the next semester and must pay tuition fees. If a student who must be active again after two consecutive semesters of leave does not register, the student is declared resigned. Students who have declared resigned will be issued a Certificate of Having Studied (SKPK) by the applicable Service Standards.

J. Credit Transfers and Transfers

Credit transfer is accessible to students of applied undergraduate, undergraduate, master's, and doctoral programs at UNY. This facility allows students to transfer credits with other universities, both domestically and internationally. Students who wish to pursue credit transfer can do so for one semester or more at another university that partners with UNY.

The time spent on credit transfer will be counted as part of the student's study period. Credit transfer only applies to courses that are the same or equivalent to those in the UNY Curriculum. Additionally, students who wish to transfer credits must be active.

Students from other study programs and/or universities who wish to transfer credits to UNY must have a minimum accreditation rating of B or very good. The maximum number of credits that can be recognized as credit transfers is 25% of the total credits required for the student. The Rector's Regulation at UNY regulates further procedures regarding credit transfers.

K. Community Service Program (KKN)

Community Service Program (KKN) is a course with a weight of 3 SKS and has the status of graduation required for all UNY S1 students as a form of community service (PPM). The Community Service Program is interdisciplinary and at the same time integrates community education, research, and community service activities. Through KKN, students are confronted with the community, so what happens is the nature of mutual give and take between the two.

There are four types of KKN held at UNY. Integrated KKN is a KKN activity carried out in an integrated manner with PPL at school in a special semester. Community Service Community Service Community Service Program is a community service program implemented in the community, both rural and urban, in a special semester. Mandiri Community Service Program is held in odd and even semesters. Thematic KKN is a KKN with a specific theme determined by UNY, regional government, central government, or state institutions.

The KKN implementation process in the special semester generally consists of three stages as follows.

Step	Information
Preparation	Feasibility study and location licensing of KKN. Student registration, group formation. Provision of student candidates for KKN.
Implementation	Departure of KKN participants. Guidance by lecturers at KKN locations. The team is monitoring the implementation of KKN.
Evaluation	Evaluate the success and implementation of the program. Compilation of individual, group, and team reports. Follow-up of the KKN results.

Further information about KKN and complete guidance can be obtained through https://kkn.mkpk.uny.ac.id/.

L. Judicium (Examination for graduation)/Graduation

To graduate, an S1 student must meet the following requirements.

a. Have passed at least 144 credit hours of courses, consisting of all compulsory courses supplemented with elective courses according to the applicable curriculum.
b. Have an achievement index of at least 2.50.
c. The number of SKS courses with a maximum D value of 10% of the total SKS.
d. Does not have an E value.
e. Have English skills with a minimum ProTEFL score of 425.

Students who have fulfilled the requirements above can register for Judicium, which determines grades and passes students through all academic processes. Judicium can also be understood as announcing grades to students as the final assessment process of all courses taken, assigning grades in academic transcripts, and determining student graduation status. The Judicial Decision is taken at a judicial meeting held by the Faculty Senate and declared as a Dean Decree. Judicium is held every month in each faculty. The Judicium process also determines the predicate of student graduation according to the following table:

Predicate	GPA	Study period
With the highest praise (Summa Cum Laude)	4,00	4,0 years
With praise (Cum Laude)	3,51-4,00	< 4,5 years
very satisfactory	3,01-3,50	-
Satisfactory	2,50-3,00	-

To be able to take part in the Judicium, students need to prepare a file consisting of:

1. Document Study Results (DHS)
2. Theory Free Certificate
   The Study Result Documents and Theory Free Certificate must be signed by the academic supervisor (PA) and the Head of the respective Departments.
3. Library Borrow Free Loan
   A certificate of free lending from the library must be obtained from UPT UNY Library and UNY Faculty of Mathematics and Natural Sciences Library. For the UPT Library of UNY, students can obtain the letter online through http://library.uny.ac.id/member/login/. After completing the obligation to return all books, they are required to upload the final thesis script. Guidelines for uploading the final project script can be seen at https://eprints.uny.ac.id/62905/7/panduan.pdf

Based on the information in the https://ft.uny.ac.id/id/yudisium-ft-uny-0 link . The procedure for registering a Judicium that fulfills all the requirements must go to the Academic and Cooperation Sub-Division at the Integrated Service Headquarters (KPLT) of the Faculty of Engineering UNY. All participants of the judiciary are required to follow the entire judiciary process. If it is too late to follow the judiciary process, the person concerned is declared void from participating. The requirements are as follows:

1. Fill in the personal data of the Judiciary participants on the siakad.uny.ac.id and upload a color photo for the ijazah with the best photo quality (photo of men with a blue background with a tie and for women with a red background without a tie)
2. Pay attention to filling in the Judiciary data: Name, place, and date of birth according to the last diploma owned. Especially for SI students, when entering the Judiciary data on the PRAKTEK KERJA menu, the name of the company and the address of the Industrial Practice place are filled in.
3. Especially for S2 students, they have uploaded publication data on sipuma.uny.ac.id
4. Pay the Graduation Clothes/Robes Loan Guarantee to BANK MANDIRI
5. Students are requested to fill in the Student Achievement website with the presma.uny.ac.id page for the Certificate of Diploma Companion (SKPI)
6. Note: After filling out the presma page, there is no need to wait for verification
7. Students are required to fill in service satisfaction: survey.uny.ac.id.
8. Note: Graduation Registration Form does not need to be printed
9. For the next step, you can join the WhatsApp group.

The Judicial Ceremony is held by the faculty and must be attended by all students who have registered for the month. Judicium participants must arrive on time in the clothes that have been determined (white shirt tops, subordinate trousers / black skirts, black formal

shoes instead of sports shoes). Participants who are unable to attend will be included in next month's graduation.

Graduation is the final process in a series of academic activities at tertiary institutions. As a sign of the confirmation of the completion of the study, the inauguration procession was held through the UNY open senate meeting. Graduation is held by the University four times a year, namely in February, May, August, and November

3. Bachelor of Electronics Engineering Education (PTE - S1)

A. Vision

In 2025, it will become a superior study program in the field of electronics engineering education based on piety, independence, and intellectuality and produce professional bachelors of electronics engineering education based on piety, independence, and intellectualism in accordance with the demands of the development of science and technology in the global era.

B. Mission

The above vision is described in six mission points, namely:

1. Organizing academic education in the field of electronics engineering education to produce superior electronics engineering education graduates based on devotion, independence, and intellectuality.
2. Conducting basic and applied research in the field of electronics engineering education.
3. Organizing community service and empowerment activities that encourage the development of community and environmental potential to realize community welfare.
4. Organizing good, clean and accountable governance of the electronics engineering education study program.
5. Developing various resources and cooperation to support the achievement of the vision of the Electronics Engineering Education Study Program.
6. Developing student activities by increasing creativity, the ability to innovate, communicate, cooperate, and develop personality.

C. Purposes

1. Improving the quality of education implementation that is conducive to the development of intellectual ability, social and professional attitudes among the academic community of the study program on a regular basis.
2. Increasing the relevance of the curriculum developed through the study program to graduates who are independent, creative and innovative according to the needs of the community.
3. Improving the implementation of education and learning loaded with moral values and "life-skills" by paying attention to local and global issues.

4. Improving the quality of research and scientific works in the field of Electronics Engineering Education that supports the development of science and community needs.
5. Improving the quality of community service based on research and community needs.

D. Graduate profile (Profil Lulusan)

The profile of graduates of the UNY Electronics Engineering Education Study Program is as educators, supervisors and technicians, education personnel, and entrepreneurs.

No.	Profession	Competence
1.	Educator	Graduates of the bachelor of electronics engineering education are expected to have competence as teachers, instructors and tutors in the field of electronics engineering at the Vocational High School level with a spectrum of: a) Audio-Video engineering; b) Power Electronics and Communication Engineering; c) Industrial Electronics Engineering; d) Mechatronic Engineering; and e) Medical Instrumentation
2.	Supervisors and Technicians in the Field of Electronics Engineering	Graduates of bachelor of electronics engineering education are expected to have competence as supervisors and technicians in the field of electronics engineering
3.	Educational Staff	Graduates of Bachelor of electronics engineering education are expected to have competency as educational laboratory instructors, learning administrators, and research assistants.
4.	Technopreneur	Graduates of bachelor of electronics engineering education are expected to have competence in the field of entrepreneurship and be able to use their expertise to do entrepreneurship in the field of electronics engineering

The relation between the Occupational Profile with PLO of BAEE Graduates is shown in the following table.

Table 4. Relational Occupation Profile with PLO

Occupation Profile	Program Learning Outcomes (PLO)											
	1	2	3	4	5	6	7	8	9	10	11	12
Educator	√	√	√	√	√	√	√	√	√	√	√	√
Supervisors and Technicians in the Field of Electronics Engineering	√	√	√	√		√	√		√	√		
Educational Staff			√	√	√	√	√	√		√	√	√
Technopreneur	√	√	√	√		√	√		√	√		

E. Graduate Competency/Skill

There are 12 Learning Outcome programs which include the following aspects of attitudes, knowledge, and skills:

Table 5. PLO Description

PLOs	Description
PLO-1	Able to apply ethical values and commit to religions, norms, ethics, and professionalism in the engineering field.
PLO-2	Able to demonstrate work as individuals and teams to achieve common goals in a multidisciplinary environment.
PLO-3	Able to demonstrate social sensitivity and awareness to be able to disseminate ideas to the public and the environment well.
PLO-4	Able to demonstrate independent, quality, and scalable performance to provide maximum results.
PLO-5	Able to communicate effectively in order to communicate information to stakeholders.
PLO-6	Able to analyze and use methods, resources and proper equipment to solve various/complex problems in the field of Electronics Engineering.
PLO-7	Able to generate decisions appropriately to provide solutions for problems at work.
PLO-8	Able to develop a network of cooperation with stakeholders to improve the quality of Electronics Engineering Education.
PLO-9	Able to apply the concept of applied science, principles of engineering, and science of engineering required to analyze and design electronics systems.
PLO-10	Able to analyze the problems and issues of the latest technology to provide solutions for technological developments.
PLO-11	Able to design electronics systems to improve the quality of learning in the expertise field of Electronics Engineering.
PLO-12	Able to apply the concept of education such as (a) Education Curriculum; (b) Learning and Education Plans; (c) Learning and Education Process; (d) Learning and Education Assessment.

The PLO formulation for BEEE Study Program refers to the qualification level of the Indonesian National Qualifications Framework (KKNI). The KKNI is a framework for ranking the qualifications of Indonesian human resources that juxtaposes, equalizes and integrates the education sector with the training and work experience sectors in a workability recognition scheme that is adapted to the structures in various work sectors. The PLO formulation is also closely related to ASIIN's subject specific supplementary criteria (SSC). The following is the relationship between PLO and SSC, described in Table

Table 6. Correlation between SSC and PLOs

Subject-Specific Criteria		PLOs											
		1	2	3	4	5	6	7	8	9	10	11	12
Knowledge and understanding													
1.	Graduates have in particular gained a broad and sound knowledge of mathematics, natural sciences and engineering enabling them to understand the complex phenomena peculiar to electrical engineering/information technology.		√	√			√	√		√			
2.	Graduates have in particular gained an understanding for the broader multidisciplinary context of Engineering Sciences.	√			√	√		√		√			√
	Engineering analysis												
1.	Graduates are able to select and apply actual methods of modeling, calculating, and testing concerning their field of specialization					√	√	√	√				√
2.	Graduates are able to make research of technical literature and other sources of information relating given problems.	√			√			√					√
3.	Graduates are able to design and run experiments and computer simulations and explain the results.			√		√			√		√		
4.	Graduates are able to consult database systems, information on norms, guidelines (“codes of good practice“) and safety regulations for these purposes.		√				√			√			

Engineering design													
1.	Graduates have special abilities to develop analog and digital electric and electronic circuits, devices and products.		√			√	√		√	√		√	
2.	Graduates control in their design work the use of elements like modeling, simulation and tests as well as their integration in a problem-oriented way					√	√	√	√	√			
3.	Graduates are able to design products for the global market.			√	√						√		
Engineering practice and product development													
1.	Graduates can apply their knowledge and understanding to acquire practical skills for problem-solving, research tasks and the design of systems and procedures,					√					√		
2.	raduates have access to experience concerning possibilities and limits of the application of materials, computer-based model designs, systems, processes, and tools for the solution of problems when solving complex problems,					√	√	√		√	√		
3.	Graduates know the practice and its demands in production plants,				√	√	√	√	√		√		
4.	Graduates are capable of searching technical literature and other information sources,		√		√	√		√		√			
5.	raduates demonstrate awareness of the health, safety and legal issues and responsibilities of engineering practice, the impact of engineering solutions in a societal and environmental context,	√	√		√		√				√		
6.	Graduates commit to professional ethics, responsibilities and norms of engineering practice,	√	√	√			√	√					
7.	Graduates use the appropriate scientific methods and new findings of the engineering and science environment in their practical work while taking into consideration the economic,					√			√		√		

	ecological, technical and social requirements												
8.	Graduates are aware of the nontechnical effects of engineering activities,				√			√			√		
9.	Graduates are in the position to develop marketable products for the global market.		√				√			√			
Transferable skills													
1.	Graduates are able to analyze and present technical contexts understandingly in their own field and in neighbor fields;		√		√						√		
2.	Graduates are able to operate on technical working tasks in a team and to coordinate it if necessary;		√		√						√		
3.	raduates are able to demonstrate an awareness of project management and business practices, such as risk and change management, and understand their limitations;				√						√		
4.	Graduates are able to recognize the need for, and have the ability to engage in independent, life-long learning	√				√		√					√

F. Course structure

The BEEE Study Program implements the 2020 curriculum (MBKM). This curriculum is tailored to the needs of stakeholders and the competencies needed in the world of work. Curriculum development in the BEEE study program is based on the following knowledge and principles: (1) relevance, namely curriculum and learning relevant to science and technology developments, community needs, and the times; (2) continuity, the bachelor's level curriculum is continuous which can be continued at the master's level and there are clear linkages and stages; (3) flexibility, the curriculum should have horizontal and vertical flexibility both in terms of content and implementation process; (4) Effectiveness and efficiency, effective and efficient curriculum design in its implementation to achieve the learning outcomes that have been determined. The undergraduate level can be completed in four years; (5) pragmatic, the curriculum that has been prepared can be implemented or implemented properly in accordance with the various conditions that exist in the study program in accordance with the 2020 Curriculum Implementation Guide (Independence Campus Independent Learning Curriculum).

Table 7. Subject Correlation with PLO

No	CODE	Courses Name	PLO											
			1	2	3	4	5	6	7	8	9	10	11	12
Semester 1														
1	MKU6201	Islam Education	✓											
2	MKU6202	Catholic Education												
3	MKU6203	Christianity Education												
4	MKU6204	Hinduism Education												
5	MKU6205	Buddhism Education												
6	MKU6206	Confucianism Education												
7	EKA6201	Mathematics				✓								
8	EKA6202	Electronics Physics		✓	✓			✓				✓		
9	EKA6203	Environmental and Occupational Health and Safety			✓									
10	EKA6204	Measuring Instruments and Measurements Lab Work						✓			✓			
11	EKA6205	Basic Electronics						✓			✓	✓		
12	EKA6206	Basic Electronics Laboratory Work				✓					✓		✓	
13	EKA6207	Engineering Drawing									✓			
14	EKA6208	Electrical Circuit				✓								

15	EKA6209	Electrical Circuit Laboratory Work									✓			
16	MKU6207	Civic Education	✓	✓	✓									
Semester 2														
17	EKA6210	Electronic Mathematics						✓						
18	EKA6211	Telecommunication System						✓						
19	EKA6213	Analog Electronics Laboratory Work 2						✓				✓	✓	
20	EKA6214	Electronics Workshop						✓						
21	EKA6215	Installation and Electrical Machinery						✓	✓		✓	✓		
22	EKA6216	Installation and Electrical Machinery Laboratory Work									✓		✓	
23	EKA6217	Digital Engineering											✓	
24	EKA6218	Digital Engineering Laboratory Work						✓					✓	
25	MDK6201	Educational Science	✓	✓					✓					✓
26	MKU6208	Pancasila	✓		✓		✓							
27	MKU6211	English			✓		✓							
28	MKU6216	Social and Human Literacy			✓							✓		
Semester 3														
29	EKA6219	Control System							✓		✓	✓		

30	EKA6220	Control System Laboratory Work				✓		✓			✓			
31	EKA6221	Algorithms and Programming Language				✓		✓				✓	✓	
32	EKA6222	Algorithms and Programming Language Laboratory Work				✓		✓				✓	✓	
33	EKA6223	Microprocessor System								✓	✓		✓	
34	EKA6224	Microprocessor System Laboratory Work						✓			✓		✓	
35	EKA6226	Digital Signal Processing						✓						
36	EKA6227	Digital Signal Processing Laboratory Work						✓			✓			
37	EKA6257	Mechatronics						✓	✓		✓	✓		
38	EKA6258	Mechatronics Laboratory Work						✓	✓		✓	✓		
39	FTE6204	Vocational Learning Media		✓								✓		✓
40	MKU6212	Digital Transformation				✓								
Semester 4														
41	EKA6228	Computer Networks Laboratory Work						✓						

42	EKA6229	Intelligent System					✓	✓						
43	EKA6240	Intelligent System Laboratory Work						✓			✓		✓	
44	EKA6231	Microcontroller System								✓		✓		
		Laboratory Work												
45	EKA6232	Audio Video System							✓		✓			
46	EKA6250	Audio Video System Laboratory Work							✓		✓			
47	EKA6239	Electronic System Design							✓					
48	EKA6238	Instrumentation System			✓				✓		✓			
49	EKA6241	Instrumentation System							✓		✓			
		Laboratory Work												
50	EKA6251	Telecommunication System					✓		✓		✓			
		Laboratory Work												
51	EKA6254	PLC Laboratory Work					✓			✓		✓		
52	MDK6204	Educational Sociology and Anthropology				✓		✓		✓			✓	
Semester 5														
53	EKA6252	Data Communication and Interface Laboratory Work			✓		✓			✓		✓		

54	EKA6263	Internet of Things		✓					✓				✓										
55	EKA6260	Internet of Things Laboratory Work						✓		✓								✓					
56	EKA6255	Medical Electronics						✓						✓				✓					
57	EKA6256	Research Methods							✓			✓											
58	EKA6261	Maintenance and Repair Techniques							✓														
59	EKA6264	Robotics Laboratory Work				✓			✓							✓							
60	FTE6202	Curriculum and Vocational Learning		✓																✓			
61	FTE6210	Statistics														✓							
62	FTE6252	Vocational and Technology Education				✓														✓			
63	EKA6253	Workshop and Laboratory Management		✓		✓			✓			✓											
64	MKU6213	Creativity, Innovation and Entrepreneurship								✓													
Semester 6																							
65	EKA6262	Web Design				✓							✓		✓								
66	MDK6202	Educational Psychology				✓		✓												✓			
67	MDK6203	Educational Management									✓			✓						✓			
68	MKU6209	Indonesian Language									✓			✓						✓			
69	PEN6201	Microteaching																		✓			

Semester 7													
70	MKL6601	Teaching Practicum								✓		✓	
71	MKL6611	Industrial Internship							✓	✓	✓		
72	MKL6604	Student Community Service							✓	✓	✓		
Semester 8													
73	TAM6801	Undergraduate Thesis	✓	✓	✓							✓	
Total			5	8	8	13	7	29	9	12	28	20	14	11

The structure of the courses in the BEEE SP curriculum for eight semesters can be described based on their weight to the PLO, as shown in Table x. PLO 1 weighs 4% of the entire course. PLO 2 weighs 5% of the entire course. PLO 3 weighs 5% of the entire course. PLO 4 weighs 8% of the entire course. PLO 5 weighs 4% of the entire course. PLO 6 weighs 18% of the entire course. PLO 7 weighs 5% of the entire course. PLO 8 weighs 7%. PLO 9 weighs 17% of the entire course and PLO with the greatest weight. PLO 10 weighs 12% of the entire course. PLO 11 weighs 8% of the entire course. While PLO 12 weighs 7% of the entire course.

The structure of the courses in the BAEE curriculum for eight semesters can be described as underdeveloped to achieve the set graduate qualification standards. The following is an image of course mapping.

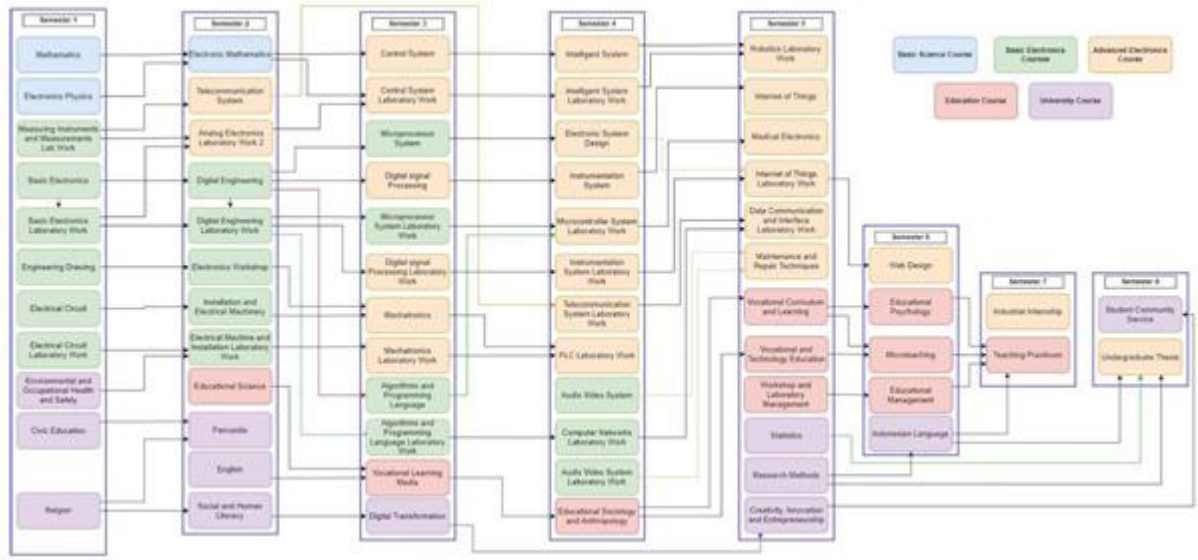


Figure 4 Curriculum Mapping

G. Educational Internship/ teacher training program in schools (PPL)

Community Service Program (KKN) is a course with a weight of 3 SKS and has the status of graduation required for all UNY S1 students as a form of community service (PPM). The Community Service Program is interdisciplinary in nature and at the same time integrates community education, research and community service activities. Through KKN, students are confronted with the community so that what happens is the nature of mutual give and take between the two.

There are four types of KKN held at UNY. Integrated KKN is a KKN activity carried out in an integrated manner with PPL at school in a special semester. Community Service Community Service Community Service Program is a community service program implemented in the community, both rural and urban, in a special semester. Mandiri Community Service Program is a Community Service Program that is held in the community in odd and even semester. Thematic KKN is a KKN with a specific theme determined by UNY, regional government, central government, or state institutions. The KKN implementation process in the special semester generallyconsists of three stages as follows.

Step	Information
Preparation	Feasibility study and location licensing of KKN. Student registration, group formation. Provision of student candidates for KKN.
Implementation	Departure of KKN participants. Guidance by lecturers at KKN locations. Monitoring the implementation of KKN by the team.
Evaluation	Evaluate the success and implementation of the program. Compilation of individual, group and team reports. Follow-up of the KKN results.

Further information about KKN and complete guidance can be obtained through LPPM UNY (https://kkn.mkpk.uny.ac.id/).

H. Industry Internship Program (Praktek Industri)

The Industrial Practice (PI) course has a weight of 6 and 8 credits (adjusting to the weight of credits in each study program). In addition to PI activities listed in the study program curriculum, various partner industries and the MBKM Program also offer Internship Programs that can be recognized as Industrial Practice activities. The following is a breakdown of the duration of PI and Internship. (https://drive.google.com/file/d/1o4Yaku69n21q59N1KiFzb2RV1-5uaaoc/view)

Table 8. Duration of PI and Internship Implementation Time

Courses	Weight of credits	Time Duration		Information
		Duration of hours	Month duration	
	6*	272	2-3	

Industry Practice (Regular)	8*	363		Required to be fulfilled by students
Internship (Independent Independent Internship, Independent Campus Internship, International Internship, etc.)	20	900	4-6	Optional programs that students can take. The excess hours of learning activities from the weight of credits determined by the study program can be equivalent to relevant courses.

*Adjusting to the weight of PI credits in each study program

PI and Internship activities for 3-6 months must be planned from the beginning, By making a matrix of the activity schedule, which can be arranged as follows Table :

Table 9. Example of a Matrix of PI MBKM Activity Schedule Plan

		WEEK TO																						
NO	ACTIVITIES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	PI Preparation and Debriefing																								
	Learn the tasks of the production process and/or service in the industry occupied																								
	Implementation of PI in the Industry																								
	Recording data for PI reports																								
	Preparation of the concept of the Report																								

	Designing Innovations For Industry																							
	Report enhancements																							
	Evaluation																							

*The activity matrix can be adjusted according to the duration of PI and Internship

l. **Final Assignment/Thesis**

There are four main stages in the preparation of the TA that students must take, namely: (1) proposal submission, (2) proposal guidance process, (3) licensing and implementation of the TA, and (4) preparation of reports and submission of exams. Online, the stages of implementing TA are served through the Final Project Guidance Information System (Sibimta) through the following pages: ttps://bimbingan.uny.ac.id. The description of each stage can be explained as follows.

1. TA Proposal Submission

The procedure for submitting a TA proposal is carried out through the following steps.

a. The study program coordinates the names of students who have been qualified to submit TA proposals.
b. The study program coordinator plans and implements the debriefing of the TA proposal no later than the fourth week of the current semester.
c. Students participated in the briefing of TA proposals held by each study program.
d. Students submit the title of the TA proposal accompanied by problems and a brief research method as shown in the TA Proposal Submission Form (Attachment 1) no later than two weeks after participating in the briefing of the TA proposal to the Koorprodi.
e. The Study Program Coordinator and/or TA Coordinator conducts a review to determine the feasibility of the proposed proposal.
f. The TA Coordinator coordinates with the Coordinator of the Study Program to determine the TA supervisor for each student.
g. The study program coordinator proposed the TA supervisor to the Dean to issue a Decision Letter.
h. The study program coordinator announced the list of students, TA titles, and TA supervisors.

2. TA Proposal Guidance Process

The steps taken in the TA proposal guidance process are outlined as follows.

a. Students contact or confirm the lecturer to be asked for their willingness to be a TA Supervisor by filling out the TA Preparation Supervisor Application Form (Attachment 2) which has been appointed by the Study Program.
b. The lecturer expresses his willingness to be a supervisor for the preparation of the TA proposal by filling out the Capability Form as a TA Proposal Supervisor (Attachment 3).
c. Students and TA Supervisors agree on the proposal preparation guidance process by filling out the TA Proposal Preparation Contract Form (Attachment 4) and agreeing on technical guidance in the field.
d. Students prepare a TA proposal according to the TA title that has been approved by the Koorprodi and start guidance with the TA supervisor online through the following pages: https://bimbingan. uny.ac.id or other media and/or offline in accordance with the agreement of the TA supervisor.
e. Students inform the Coordinator and/or TA Coordinator if there is a substantial change from the TA title.
f. The study program conducts monitoring and assistance in the preparation of TA proposals on a regular basis which is packaged in classical guidance activities.
g. Monitoring and assistance in the preparation of TA proposals can be carried out by Study Programs at least once per semester.
h. The completed TA proposal is marked by the approval of the TA supervisor and the Study Program Coordinate, then used as a support for the management of research licensing.

3. Licensing and Implementation of Research

Research licensing is based on the Regulation of the Minister of Home Affairs Number 03 of 2018 concerning the Issuance of Research Certificates. The research licensing procedure can be divided into two The types are inter-agency permits within one province and inter-agency permits between provinces.

4. Ethical Clearance

For students who need an ethical clearance certificate for research, they can process it through the Research Ethics Committee team of the Directorate of Research and Community Service UNY.

5. Preparation of the TA

After the student completes the TA proposal, the process of preparing the TA report begins. The steps for preparing the TA report are as follows.

a. Students ensure that the Final Project Courses (Thesis/TABS/TAKSO) are in the Study Plan Card in the current semester.
b. Students prepare the TA report with the guidance of the TA supervisor according to the agreed schedule.

c. Students prepare TA reports and are required to provide regular/scheduled guidance with TA supervisors online

through the page: https://bimbingan.uny.ac.id or other media and/or offline in accordance with the agreement of the TA supervisor. The implementation of the guidance is evidenced by the Form Guidance on the Preparation of the Academic Year (Attachment 5). The preparation of the TA is carried out by referring to the TA Preparation Format.

6. Implementation Monitoring

Monitoring the implementation of TA is intended to ensure the timeliness and quality of TA. The implementation of monitoring is carried out in a classical and periodic manner by Study Program Managers, Supervisors, and students at least 2 (two) times in one semester. This monitoring aims to:

a. Ensure the implementation of guidance effectively and efficiently, so that the progress of research can be identified in the study program.
b. Ensure the guidance process runs through the following pages: https://bimbingan.uny.ac.id and/or TA guidance books.
c. Providing solutions for students who have problems in completing the TA.
d. Students are required to submit progress reports to the TA Supervisor periodically in a forum facilitated by the Study Program.

7. Exam Submission (Examiner Team)

After the TA report is approved by the Supervisor, students immediately submit the TA exam to the Koorprodi by filling out the TA Exam Submission Form (Attachment 6) and ensuring that it is fulfilled The following evidence is needed.

a. TA report made in four copies
b. The TA Guidance Card has been approved by the Supervisor and Coordinator of the Study Program
c. Certificate of free theory
d. KRS that lists TA courses (TAS/TABS/TAKSO)
e. DHS (List of Study Results) first semester to last semester
f. Pro-TEFL Certificate with a minimum score of 425 for undergraduate students and a minimum score of 500 for students of English Language Education or English Literature Study Program
g. Certificate of college leave (for students who have taken leave)
h. A certificate that the TA report prepared is plagiarism-free (the most similarity value is 20%)

8. Assessment of Thesis Final Project (TAS)

a. Assessment and Passing Criteria for the TAS Exam Students are declared to have PASSED the TAS exam if they get a final average score of at least C (or a score of 56) from the entire TAS examiner team. The results of the exam results can be categorized as follows.

1) Pass without revision
2) Pass with revision
3) Not passing, retaking the exam with TAS revision

Students who are declared to have passed without revision, are requested to immediately process the registration for the judiciary. Students who are declared to have passed with revisions are given a maximum revision period of 3 (three) months from the implementation of the exam. If within the specified time the student has not succeeded in obtaining the written approval of all supervisors or the results of the revision, his graduation will be canceled and he will be required to take a re-exam. Students who are declared not to have passed, are requested to change the topic of TAS, guidance, and carry out a re-exam.

b. Assessment Rubric

No.	Weight Components	Weight (B)	Score (0 -100) (S)	Weight x Score (B x S)
A. Document Assessment				
1.	Selection and formulation of problems	2		
2.	The relevance of the theoretical framework/study to the hypothesis and/or problem of the research, and the up-to-date source	3		
3.	Determination of study methodology (data collection, analysis, etc.)	3		
4.	Depth of discussion and logical description/presentation	3		
5.	Language and writing	1		
B. Oral Exam Assessment				
1.	Ability to express opinions logically and correctly	2		
2.	Accuracy in answering exam questions	2		
3.	Mastery of the material	2		
4.	Manners and ethics	2		

Sum	20		
Average Score			

The average score of each examiner is calculated by the following formula.

$$N = \frac{\sum(B \times S)}{20}$$

Information:

N = value, B = weight, and S = score

4. Student Activities and Organizations

To support self-development, especially students' soft skills, Yogyakarta State University (UNY) provides a variety of activities and organizations, both at the department, faculty, and university levels.

A. **Department Level**

Faculty Student Activity Unit (UKMF)

1. UKMF Matrix, accommodates students who have an interest in scientific and research activities
2. UKMF Phenomenon, accommodates students who have an interest in journalism and journalism or better known as the faculty student press institution.
3. UKMF Carabiner, accommodates students who have an interest in nature lovers
4. UKMF Sports, accommodates students who have an interest in sports activities such as volleyball, badminton, basketball, football and others.
5. UKMF KMM (Al-Musthofa Muslim Family), accommodates students who have an interest in Islamic spiritual development.

B. **Faculty Level**

Student activities and organizations at the Faculty of Engineering UNY level include the Student Advisory Council (DPM) and the Student Executive Board of FT. Related to student interests and talents, there are several student activity units (UKM):

1. It's the electronic (Electronic Circuit)
2. Hima Elektro
3. Hima Machine
4. Hima Automotive
5. Hima Civil Engineering and Planning (HMTSP)
6. Hima Food and Fashion (Hima Gana)

C. **University Level**

The Student Executive Board – Student Republic (BEM REMA), the Student Representative Council (DPM), and the Student Consultative Assembly (MPM) are student

organizations at the Universitas Negeri Yogyakarta. In addition, to accommodate student interests, talents, and achievement coaching, there are a number of Student Activity Units (UKM) at the university level that can be grouped based on their scope as follows.

Field of Reasoning

To respond to the development of science and technology, UNY conducts a special strategy to accommodate and develop all the potential and interest of students in the field of science and technology. Activities in the field of reasoning at UNY include the following UKMs:

1. Research UKM
2. UKM Student Press Institute "Expression"
3. UKM Radio “Magenta FM”
4. Foreign Language UKM
5. Technology Engineering SMEs

Art Field

The development of creativity and student potential in the field of arts is carried out by UNY through a number of UKM as follows:

1. Traditional Arts Student Family UKM (Kamasetra)
2. Student Choir UKM (PSM) "Swara Wadhana"
3. Music UKM "Sicma"
4. UKM Fine Arts and Photography (Serufo)
5. UKM Literature and Theater Studies Unit (Unstrat)

Sports Field

The development of sports skills for students aims to maintain student fitness and health as well as support the achievements of UNY students in the field of sports. Sports activities are coordinated in the following UKMs:

1. Athletics UKM
2. UKM Catur
3. UKM Swimming
4. UKM Weather
5. UKM Hockey
6. UKM Tennis Meja
7. Court Tennis UKM
8. UKM Judo

9. Pencak Silat UKM
10. UKM Karate
11. UKM Tae Kwon Do
12. Madawirna Nature Lovers UKM
13. UKM Volleyball
14. UKM Basketball
15. UKM Sepak Takraw
16. UKM Football
17. UKM Baseball-Softball
18. UKM Marching Band Citra De-rap Bahana
19. Badminton UKM

Areas of Welfare and Special Interest

Student development in this field is a vehicle to improve the welfare of students, both born and inward, as well as special interests that students have.

1. UKM Islamic Spiritual Activity Unit (UKKI)
2. UKM Christian Student Fellowship (PMK)
3. UKM Catholic Student Family Association (IKMK)
4. Hindu Dharma Student Family UKM (KMHD)
5. Racana WR Scout UKM. Supratman and Racan Fatmawati
6. Indonesian Red Cross Volunteer Corps UKM (KSR-PMI)
7. UKM Student Regiment (Menwa) "Pasopati"
8. Student Cooperative UKM "Kopma UNY"
9. UKM Kewirausahaan (KWU)

D. Global Organization

There are several cross-university Mathematics student organizations that can be a means of expanding relationships and adding to student experience, for example: Indonesian Statistics Student Association Association (IHMSI)(https://ihmsinasional.com/).

5. Supporting Facilities

Electronic Engineering Education Study Program UNY students can access and use supporting facilities, which are effective provisions.

A. Library

The Yogyakarta State University (UNY) Library Unit provides various comprehensive services for the UNY academic community and the public outside UNY. The UNY library's public catalog can be accessed online through this website [UNY Library Circulation] (http://library.uny.ac.id/sirkulasi/), making it easy for users to search and locate collections of books and other references practically. Direct access to the library collection can be done in the library building west of the UNY rectorate building.

Figure 5. UNY Library

The UNY Library has also subscribed to several prestigious journals, both national and international, such as JSTOR, SPRINGER LINK, EBSCO, PROQUEST, and others. These journals can be accessed through an internal network reserved for the UNY academic community [SSO UNY] (http://sso.uny.ac.id). This subscription ensures that students, faculty, and researchers have access to up-to-date and relevant information resources in various fields of study.

Here are various electronic collection materials that can be accessed anywhere and anytime by using a UNY SSO account:

a. ScienceDirect
b. Scopus
c. IEEE ASPP
d. EBSCOhost
e. EBOOK Proquest
f. Cambridge

In addition, UNY also has an Internal Repository that stores scientific papers, theses, theses, dissertations, research, and journals produced by the UNY academic community and can be accessed by all users. This repository can be accessed through the website [UNY e-library] (http://e.library.uny.ac.id/). However, for theses, theses, and dissertations, access to the complete manuscript can only be done in the library building to ensure the security and integrity of the documents. The following is a list of UNY's internal repositories that can be accessed:

a. EPRINT UNY
b. UNY JOURNAL
c. UNY STUDENT JOURNAL

Special library services for the UNY Electronics and Informatics Engineering Study Program's academic community are also provided by the Faculty of Engineering Library located on the 1st floor of the LPTK FT UNY Building. All students of the Electronics and Informatics Engineering Education Study Program FT UNY automatically become library members, giving them access to various information resources from their field of study. Information about the library's catalog and services can be found on this website [Faculty of Engineering Library] (http://library.ft.uny.ac.id/).

The Faculty of Engineering Library is equipped with various modern facilities that support teaching, learning, and research, including comfortable reading rooms, computer access, and book lending services. The friendly and professional library staff is always ready to assist users in finding the information they need through direct consultation and online services.

With various services and facilities offered, UPT UNY Library is committed to supporting the information and research needs of the UNY academic community and improving information literacy in the wider community. This library has become an important center of learning resources, and it continues to grow to meet the demands of education and research in this digital era. For more information about library services, visit [UNY Library official website] (https://library.uny.ac.id/site/).

B. **Sport Facilities**

Universitas Negeri Yogyakarta (UNY) Blocks in Karangmalang have some sports facilities that are complete enough and can be used by the students as provisions, such as:

1. Swimming pool
2. Sportsmart/sport equipment shop
3. Sports dormitory
4. Tennis Indoor field
5. Archery field
6. Basketball field
7. Public Sport Garden
8. Soccer field and athletics
9. Fitness Cente

C. **Religious Worship Facilities**

The Mujahidin Mosque at UNY spans an area of 1,920 m2 and can accommodate up to 3,500 worshippers. It is located directly west of the Faculty of Mathematics and Natural Sciences (MIPA) at UNY. The mosque has undergone three renovations and features initial architecture reminiscent of the Nabawi Mosque, serving as the focal point of worship for the Muslim academic community at UNY.

Figure 6. UNY Mosque

In addition, there are two prayer rooms (musholla) within the DPTEI complex and the Faculty of Engineering (FT) block at UNY. Places of worship for other religions are also easily accessible around the UNY campus, such as the Bintang Samudera Chapel in Sagan, St. John the Apostle Church in Pringwulung, Indonesian Christian Church (GKI) in Gejayan, Jagatnatha Sorowajan Temple, Poncowinatan Temple, and others.

Figure 7. Prayer Room in DPTEI area

Figure 8. Prayer Room in Engineering Faculty (FTUNY

D. Student and Multicultural Center (SMC)

The UNY Student and Multicultural Center (SMC) building is the UNY student activity center that gives freedom for creativity and interaction with each other. Besides the rooms for student affairs organizations at university levels such as BEM and UKM, this three-floor building is also provided by a meeting hall and broad lobby

Figure 9. Student Center Building

E. Convenience/Grocery store

MiniMarket KopMa UNY is a convenience/grocery store that is a complete solution for the needs of Yogyakarta State University students, strategically located in the center of the campus. We provide various products ranging from stationery, daily utensils, snacks, and drinks, with a commitment to providing friendly, fast, and efficient service. With attractive promotional and discount offers and quality products, the KopMa UNY MiniMarket supports academic activities and creates a comfortable and practical shopping environment for all students.

Figure 10. KOPMA UNY

Food Court UNY is a beautifully designed food and snack center with green trees, ornamental plants, joglo buildings, and several gazebos. This place is very convenient to enjoy food or have a casual conversation. With a calm and natural atmosphere, Food Court UNY provides a pleasant dining experience for its visitors, whether to eat alone or mingle in casual conversations with friends. Trees and ornamental plants provide a soothing natural feel, while joglo buildings and gazebos add a distinctive traditional touch, creating a unique and alluring atmosphere. Food Court UNY is not only a place to enjoy food but also a destination that offers a relaxing and refreshing experience amid the busy campus.

Figure 11. UNY Foodcourt

Plaza UNY, formerly known as the UNY Entrepreneurship Laboratory, is a prominent four-story building opposite Sanata Dharma University, accessible from the west side of Jalan Gejayan. Established in April 2016, Plaza UNY has transformed into a multifaceted center that connects entrepreneurial activities and a bustling commercial center with various retail services such as minimarkets, clothing boutiques, bookstores, cosmetics stores, and other services on the first floor. The second floor remains an attractive destination for tourists looking for souvenirs typical of the university, making it a strategic center located south of the Faculty of Engineering.

Figure 12. Plaza UNY

F. Accommodation facilities

UNY Hotel is located inside the campus area. This hotel offers comfort, cleanliness, friendliness, and a strong academic feel. As for the students who come from outside the region, the public around UNY (which are Karangmalang, Kuningan, Santren, Karangasem, Deresan, Mrican, Klebengan, and Samirono) provides boarding houses with some facilities and prices.

Figure 13. UNY Hotel

G. Health Facility

The Health and Sports Centre at Universitas Negeri Yogyakarta (UNY) is a modern facility at the UNY Karangmalang Campus in Yogyakarta. Spanning an area of 3,080 square meters with a construction cost of 23.916 billion Indonesian Rupiah, this centre is designed to provide various health and fitness services. The first floor offers UNY students and the surrounding

community healthcare services, including a primary care clinic pending approval. The second floor features physical therapy services such as massage therapy, sauna therapy, and hydrotherapy, while the third-floor houses a fitness center with outdoor facilities and a circular track for jogging. These facilities support the educational and research activities of UNY's Faculty of Sports Science and aim to enhance local and national sports achievements and contribute to public health maintenance. Managed by Dr. Priyo Sudibyo, M.Kes., Sp.S, the UNY Health and Sports Center is expected to play a pivotal role in fulfilling the university's mission of education, research, and community service, providing substantial benefits to the Yogyakarta community.

Figure 4. Health and Sports Center

For students who need emergency and inpatient services, there are some hospitals around UNY, which are:

a. RSUP Dr. Sardjito, Kesehatan street 1, Sendowo, Yogyakarta (± 2,5 km from FT UNY).
b. RS Panti Rapih, Cik Di Tiro Street 30, Yogyakarta (± 1 km from FT UNY).
c. Jogjakarta International Hospital (JIH), Pajajaran/North Ring Road street 160 (± 4 km from FT UNY).
d. RS Siloam Yogyakarta, Urip Sumoharjo street (± 1,5 km from FT UNY).
e. RS Specialized Surgical An-Nur, Colombo Street (± 500 m from FT UNY).
f. RS Mata Dr. Yap, Cik Di Tiro Street 5 (± 1,5 km from UNY campus)

H. Guidance and Counseling Services

Counseling guidance and psychological well-being services for UNY academic community are provided by the Guidance and Counseling Services Technical Implementation Unit (UPT LBK), placed in Karangmalang Yogyakarta, phone 0274-589536, 386168 Psw. 314. This service is also able to be accessed online by http://upt-lbk.uny.ac.id. Face to face service is

given every Monday to Friday at 09.00-13.00 WIB or outside the provided time can use appointment time. The students can get counseling services (except psychology tests) for free.

Career development, including employment, career guidance, and consultation, as well as tracer study, are provided by UNY Career Development Center/ CDC through http://ppk.lppmp.uny.ac.id. Besides that, CDC UNY also conducts Job Fair twice in a year, followed by dozens of companies.

UNY also has UPT Law Consultation and Help that can be contacted by phone number 0274-586168 Psw. 420 or 0274 545097. Profile, as well as further information about this service, can be accessed at http://lkbh.uny.ac.id.

l. Book Shop

UNY Press publication books can be bought in UNY Book Shop, 3rd Floor Plaza UNY building Colombo street. As for the general publication books can be obtained in some book shops around UNY, such as Social Agency, Toga Mas, and Gramedia. A cheap book market, that sells new or used books at negotiable price, can be found in sector Terban (Kahar Muzakir Street) and Taman Pintar Yogyakarta (Sriwedani Street).

UNY VISION

To be a world-class educational university that is superior, creative, and innovative.

UNY MISSION

1. *Organizing education for superior, creative, and innovative, sustainable;*
2. *Conducting research and development in the fields of science and technology, social humanities, sports-health, and arts, culture that are superior, creative, and innovative Sustainable;*
3. *Organizing community service activities that are superior, creative, and innovative sustainable for community empowerment and welfare;*
4. *Organizing and building a sustainable network at the level. national and international; and*
5. *Implementing transparent institutional governance, services, and quality assurance and accountable.*