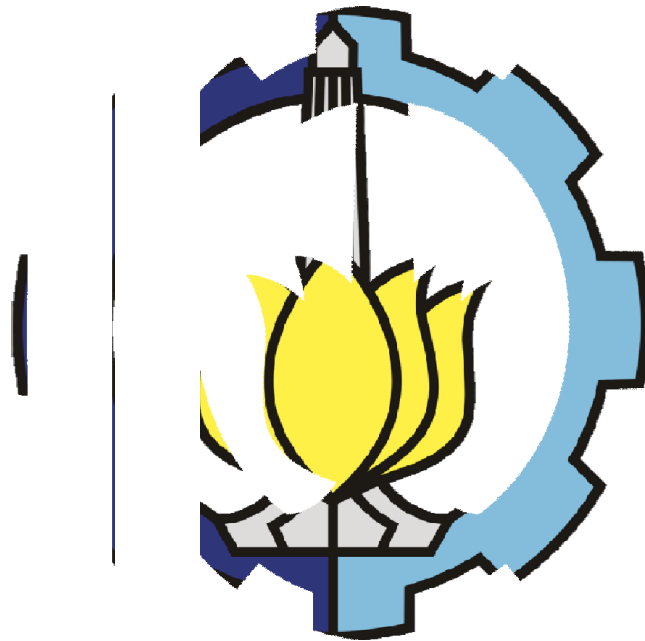


ACADEMIC GUIDE
INFORMATICS MASTER PROGRAM



INFORMATICS ENGINEERING
FACULTY OF INFORMATION
TECHNOLOGY
Institut Teknologi Sepuluh Nopember
SURABAYA, 2015

1. Background

The Informatics Engineering Masters (S2) Study Program (PSMTIF) was established in 2001 according to the Decree of Establishment Number 2581 / D / T / 2001 dated 31 August 2001. Currently PSMTIF has been accredited Good by BAN-PT according to SK BAN-PT Number 109 / SK / BAN- PT / Ak-X / M / IV / 2013.

Currently PSMTIF has 16 lecturers with S3 (Doctoral) education and 4 of them are professors. In 2014, PSMTIF compiled a new curriculum for 2014-2019 with the development of the fields of science into 8 Subjects (RMK). Each RMK is chaired by the Chairman of the RMK who is concurrently the Head of the related Laboratory. The scope of work of the Chairperson of the RMK includes undergraduate and postgraduate programs in the Informatics Engineering Department. The eight (8) RMKs are: Intelligent Computing and Vision, Net-Centrix Computing (NCC), Software Engineering, Algorithm and Programming (AP), Applied Modeling and Computing, Interaction, Graphics, Interaction and Games, Intelligent Information Management, and Computer Architecture and Networks. In the last 5 years, the number of PSMTIF students in each batch has varied from 50 to 70 students. Students accepted at PSMTIF come from various provinces in Indonesia and from abroad such as Thailand, Myanmar, Iran, Lesotho, Burundi, Kenya, Yemen, Siera Leone, and so on. Since 2009, PSMTIF has had a Joint Degree program with AIT Bangkok, Kumamoto University, several universities in France for example UTC Compiègne, University of Marseille, University Lyon, University Strasbourg, and so on.

2. Vision and Mission of the Study Program

Vision

To become a provider of quality master's degree in informatics and has a reputation for excellence in the fields of education, research and application of the informatics field at the national or international level

Mission

1. Organizing a quality master program education capable of producing human resources who are responsive to scientific developments and

technology through education and research that meets national and international education standards..

2. Ensuring the quality of education to produce scientific contributions through superior, creative, quality, useful and sustainable research..
3. Take an active role in contributing by forming partnerships with outsiders through community service activities or services to the community, industry or government.

Purpose

The education of the Master Program in Informatics Engineering aims to::

1. Educate and produce competent graduates as researchers, educators and professionals in the field of informatics who have superior abilities in designing, analyzing, and experimenting with computer-based systems..
2. Educating and producing graduates who have the ability to think critically, be innovative, and have the ability to develop themselves through a lifelong learning process.
3. Educating and producing graduates who are competitive and independent to compete at the national and international levels in the field of informatics through the ability to conduct research and scientific publications.
4. Educate and produce graduates who are able to contribute to improving the quality of people's lives through the application of knowledge in the field of informatics in various fields.

3. Study Program Learning Outcomes

Guidelines for the preparation of the ITS Curriculum in ITS Chancellor Regulation Number 036439 / IT2 / HK.00.00.PP / 2013 article 10 paragraph 4 states that the study program formulates Graduate Learning Outcomes (CPL) refers to the ITS KKNi and CPL by involving professional associations, related graduate users and relevant expert groups. In accordance with Article 10 paragraph 5, the CPL study program consists of 4 elements, namely work ability, knowledge mastery, managerial ability, and attitudes and values. In article 11, minimal learning outcomes have been formulated for the aspects of attitudes and values, while in article 13 the CPL ITS for the Master program (S2) has been formulated. Based on these provisions, PSMTIF formulates the CPL of the study program and details of the CPL of the study program as in Table 1.

Table 1 Learning Outcomes of PSMTIF Graduates

Learning Outcomes of PSMTIF Graduates		
General Skills	1.1	Able to develop and take advantage of the scientific field of informatics in developing, implementing and producing useful innovative work
	1.2	Able to solve problems in the field of informatics through research and development activities based on scientific principles.
	1.3	Able to develop and update the scientific field of informatics to produce scientific work that is tested and has an element of renewability.
	1.4	Able to produce scientific works that get national or international recognition in the form of conferences or journals at the national or international level.
	1.5	Able to solve problems that are beneficial to society through inter or multidisciplinary approaches.
Special Skills	2.1	Able to develop smart applications using artificial intelligence principles to solve real-world problems.
	2.2	Able to develop methods in the field of optimization as well as modeling and simulation of computer systems.
	2.3	Able to develop software with methods of planning, requirement engineering, designing, implementing, testing and launching, and producing software products that meet various technical and managerial quality parameters, and are efficient.
	2.4	Able to develop network-based computing methods that are effective and in accordance with the principles of information and network security assurance.
	2.5	Able to develop graphic applications, image processing, computer vision and computer animation in accordance with the principles of image processing, computer vision and the latest human and computer interactions.
	2.6	Able to develop designs and implement parallel computing systems, distributed and mobile computing as part of network-based computing which can be used to solve computing problems in various fields.
	2.7	Able to design and develop computer network systems that have high performance to produce a safe and efficient network

Learning Outcomes of PSMTIF Graduates		
Mastery of Knowledge	3.1	Master the theoretical concepts and principles of computational intelligence, data mining, information retrieval, digital image processing, computer vision.
	3.2	Mastering theoretical concepts, advanced principles and techniques for solving linear or non-linear optimization problems as well as modeling & simulation.
	3.3	Mastering theoretical concepts and principles of software development, quality assurance, and quality improvement.
	3.4	Mastering theoretical concepts of network-based computing in accordance with information and network security assurance principles.
	3.5	Mastering theoretical concepts and principles of human and computer interaction, graphics, image processing and computer vision, virtual reality and game development.
	3.6	Mastering theoretical concepts and principles of developing computer networks and information security and networks.
	3.7	Mastering theoretical concepts and developing parallel, distributed and mobile computing systems as part of network-based computing that can be used to solve computing problems in various fields.
Attitude	4.1	Believe in God Almighty and be able to show a religious attitude.
	4.2	Have a role as citizens who are proud and love the country, have nationalism and a sense of responsibility to the state and nation.
	4.3	Able to contribute to improving the quality of life in society, nation and state based on Pancasila.
	4.4	Upholding human values in carrying out duties based on morals and ethics.
	4.5	Able to work together and have social sensitivity, as well as concern for society and the environment.
	4.6	Respect the diversity of cultures, views, religions and beliefs, as well as the original opinions or findings of others.
	4.7	Obeying the law and discipline in social and state life.
	4.8	Able to internalize values, norms and academic ethics.

Learning Outcomes of PSMTIF Graduates		
	4.9	Able to internalize the spirit of independent and struggle.
	4.10	Have adequate literacy skills.

4. Curriculum

In the 2014-2019 curriculum, the Department of Informatics, including PSMTIF has 8 Subject Clusters (RMK), which are supported by 8 Research laboratories and workshops. The 8 RMK is:

- Intelligent Computing and Vision (KCV)
- Net-Centric Computing (NCC)
- Software Engineering (RPL)
- Algorithm and Programming (AP)
- Applied Modelling and Computation (DTK)
- Graphics, Interaction, and Game (IGS)
- Information Intelligent Management (MI)
- Computer Architecture and Networking (AJK)

Each RMK is chaired by the Head of the RMK who is concurrently the Head of the related Laboratory. The scope of work of the Head of the RMK includes undergraduate and postgraduate programs in the Informatics Engineering Department. The task of the Chair is mainly to coordinate the specific academic aspects of the RMK, for example conducting meetings for proposals for student Final Project and Thesis proposals, sharing the teaching load of lecturers on the RBK, reviewing the curriculum on the RMK including evaluating the Learning Design (RP) and syllabus regularly. , determining the quality objectives for achieving the value of each class at the beginning of the semester in the SAR (Self Assessment Report) framework coordinated by PJM at the ITS level.

The credits load taken by a PSMTIF student is 36 (thirty six) credits and is allocated into 4 (four) semesters in accordance with ITS Chancellor Regulation 073255 / IT2 / HK.00.00 / 2014 concerning **ITS Academic Regulations** in article 20. And for students who Originally, the fields of study were not all compulsory to take matriculation courses in accordance with Article 15. PSMTIF stipulates as many as 6 (six) credits or 2 (two) additional courses for students who take matriculation, so that the total SKS that must be taken for students with matriculation is 42 (forty two) credits. The subjects included in the Matriculation stage are Data Structure 3 (three) credits and Object Oriented Programming 3 (three) credits. In the PSMTIF program, students can be declared graduated and get a Masters in Computer (M.Kom) if they have taken a total of 36 credits including a thesis which can be taken in a minimum of 3 (three) semesters. The structure of the PSMTIF curriculum with the distribution of each semester is as described in Table 2.

Table 2 PSMTIF Curriculum

Semester I			Semester II		
IF185101	Computational Intelligence	3	IF185201	Research Methodology	3
IF185102	Net-Centric Computing	3	IF1859xx	Elective Courses	9
IF185103	Software Engineering	3			
IF1859xy	Elective Courses I	3			
TOTAL		12	TOTAL		12
Semester III			Semester IV		
IF185301	Thesis – Proposal	6	IF185401	Thesis - Sidang Akhir	6
IF185302	Thesis - Publikasi Ilmiah	6			
TOTAL		12	TOTAL		2
TOTAL CREDITS		36			

The list of selected expertise subjects from 8 (eight) RMK in PSMTIF is as listed in Table 3.

Table 3 List of Elective Courses

Odd Semester			Even Semester		
Intelligent Computing and Vision (KCV)					
IF185951	Topics in Data Mining	3	IF185953	Topics in Digital Image Processing	3
IF185952	Topics in Information Retrieval System	3	IF185954	Topics in Computer Vision	3
Applied Modelling and Computation (DTK)					
IF185921	Topics in Modeling and Simulation	3	IF185922	Topics in Time Series Data Analysis	3
Graphics, Interaction, and Game (IGS)					
IF185931	Topics in Human and Computer Interaction	3	IF185932	Topics in Game Development, Virtual Reality, and Augmented Reality	3
			IF185933	Topics Computer Graphics	3
Algorithm and Programming (AP)					
KI142442	Topics in Programming Language	3	KI142441	Topics in Design of Algorithms	3
Net-Centric Computing (KBJ)					
IF185941	Topics in Multimedia Network	3	IF185943	Topics in Digital Forensics	3
IF185942	Topics in Distributed System	3	IF185944	Topics in Network Security	3
			IF185945	Topics in Mobile Computing	3
			IF185946	Topics in Cloud Computing	3
			IF185947	Topics in Wireless Network	3
Computer Architecture and Networking (AJK)					
IF185911	Topics in Network Design and Auditing	3	IF185912	Topics in Cyber Security	3
Software Engineering (RPL)					
IF185971	Topics in Software Evolution	3	IF185972	Topics in Software Project Management	3
			IF185973	Topics in Requirements Engineering	3
			IF185974	Topics in Software Quality Assurance	3
Information Intelligent Management (MI)					
IF185961	Topics in Suystem Audit	3	IF185962	Topics in Knowledge-Based Systems Engineering	3
			IF185963	Topics in Geospatial Data Analysis	3

There are 31 (thirty one) elective skill courses with a credit load per subject of 3 (three) credits, so that the total credits for all elective skills courses is 93 (ninety three) credits. To achieve 36 credits as a graduation requirement, each student must take 6 (six) elective courses of expertise or 18 (eighteen) credits. PSMTIF imposes a minimum requirement to take 2 (two) elective courses or 6 (six) credits from one RMK which supports the thesis research topic. The Pre Thesis and Thesis courses can be taken in Semester 3 for students who wish to graduate in 3 semesters.

5. Lecturer

There are currently 31 active lecturers in the Department of Informatics, and 15 of them are lecturers for the Postgraduate study program with the last education being a Doctor (S3). Of the 15 lecturers, they have academic positions including 4 professors, 6 head lecturers, 4 lecturers, and 1 expert assistant. The list of 15 PSMTIF lecturers along with their RMK and related fields of expertise can be seen in Table 4.

Table 4. List of PSMTIF Lecturers

Number.	Lecturer Name	Academic Position	Education S1, S2, S3	Subject Clusters (RMK)	Fields of Expertise
1	Prof. Ir. Supeno Djanali, M.Sc, Ph.D	Professor	S1: ITS S2, S3: Winsconsin University	AJK dan KBJ	Net-Centric Computing
2	Prof. Ir. Handayani Tjandrasa, M.Sc, Ph.D	Professor	S1: ITS S2, S3: Winsconsin University	KCV	Image Processing, Computational Intelligence
3	Prof. Drs.Ec., Ir., Riyanarto Sarno, M.Sc., Ph.D	Professor	S1 : ITB S1 : Unpad S2, S3: New Brunswick University	MI dan RPL	Process Mining, Software Engineering
4	Prof. Dr. Ir. Joko Lianto Buliali, M.Sc.	Professor	S1: ITS S2, S3: The Victoria University of Manchester	DTK dan KCV	Modelling & Simulation, Optimization
5	Dr. Agus Zainal Arifin, S.Kom, M.Kom	Head of Lecturer	S1 : ITS S2 : UI S3 : Hiroshima University	KCV	Image Processing, Information Retrieval

Num ber.	Lecturer Name	Academic Position	Education S1, S2, S3	Subject Clusters (RMK)	Fields of Expertise
6	Dr. Eng. Nanik Suciati, S.Kom, M.Kom	Head of Lecturer	S1 : ITS S2 : UI S3 : Hiroshima University	KCV and IGS	Image Processing, Computer Vision,Computer Graphics, Human Computer Interaction
7	Dr. Ir. Siti Rochimah, MT.	Head of Lecturer	S1 : ITB S2 : ITB S3 : University Technology Malaysia	RPL	Software Engineering: Software Evolution, Software Quality
8	Daniel Oranova S, S. Kom, PD.Eng	Head of Lecturer	S1 : ITS S2 : TU Delft S3 : TU Eindhoven	RPL	Software Engineering: Requirements Engineering; Natural Language Processing; Semantic Web
9	Waskitho Wibisono, S.Kom, M.Eng., Ph.D	Head of Lecturer	S1: ITS S2: Ritsumeikan University, S3: Monash University	KBJ and AJK	Net-Centric Computing, Distributed Computing System
10	Dr. Eng. Chastine Faticah, S.Kom, M.Kom	Head of Lecturer	S1 : ITS S2 : UI S3 : Tokyo Institute of Technology	KCV	Computational Intelligence, Data Mining
11	Dr. Ir. R V Hari Ginardi, M.Sc	Lecturer	S1: ITS S2: IPB S3: TU Vienna	AP and MI	Geographic Information System
12	Tohari Ahmad, S.Kom, M.IT, Ph.D	Lecturer	S1 : ITS S2 : Monash University S3: RMIT University	KBJ and AJK	Net-Centric Computing, Data Hiding

No.	Lecturer Name	Academic Position	Education S1, S2, S3	Subject Clusters (RMK)	Fields of Expertise
13	Royyana Muslim I, S.Kom, M.Kom, Ph.D	Lecturer	S1, S2: ITS S3: Kumamoto University	AJK and KBJ	Net-Centric Computing
14	Dr. Darlis Herumurti, S.Kom, M.Kom	Lecturer	S1, S2: ITS S3: Kumamoto University	IGS and KCV	Image Processing, Virtual and Augmented Reality, Human and Computer Interaction
15	Dr. Eng. Radityo Anggoro, S.Kom, M.Sc	Expert Assistant	S1 : ITS S2 : National Taiwan University of Science and Technology S3: Kumamoto University	AJK and KBJ	Net-Centric Computing, Mobile Ad-hoc Network
16	Bagus Jati Santoso, S.Kom, Ph.D		S1: ITS S2,S3: National Taiwan University of Science and Technology	AJK and KBJ	Data Engineering, Net-Centric Computing

In addition to the list above, there are several lecturers who are currently studying at the doctoral level abroad and domestically so that they can strengthen the Informatics Engineering Masters (S2) Study Program.

6. Lectures

The lecture process at PSMTIF follows the ITS academic rules as stated in the Rector's Decree No. 073255/IT2/HK.00.00 /2014 concerning ITS Academic Regulations. In the ITS Academic Regulation in article 26 regarding the Study Plan, it is as follows:

1. Students can replace/add/cancel a course that has been listed in the online Study Plan Form (FRS) with the approval of the academic advisor.
2. The opportunity to change and/or add to a course is provided for the first 3 (three) weeks of the semester concerned.
3. Cancellation of a course can be carried out from the first week to the 10th week in the ongoing semester.

Some important academic rules to know are:

1. The longest period of study for master students is 8 semesters.
2. Evaluation of the student's study period is carried out at the end of each semester, starting in the second semester (2).
3. Students who fail to get a GPA ≥ 2.50 at the end of semester two (2) are subject to probation status.
4. Students with probationary status are allowed to continue their studies if at the end of semester three (3) they manage to get a GPA ≥ 2.50 for semesters one (1), two (2) and three (3).
5. Students who have a study period of six semesters but have not succeeded in completing the entire study load including the thesis, are required to pay the same tuition fees as new student tuition fees at that time.
6. Students who do not meet the provisions of paragraphs (1), (3) and (4) are not allowed to continue their studies (drop out).

Regarding graduation according to article 41 of the 2014 Academic Regulation, it states that students of the master program are declared to have passed if they have successfully completed the entire study load of 36 credits including a thesis; and have learning outcomes that are targeted by study programs with a cumulative grade point average (GPA) ≥ 3.0 , without E, D, and C scores of up to 20% of the required total credits; have scientific publications at least one national journal or one international seminar; and meet the minimum score requirements for one of the foreign languages. While the predicate of graduation determined by ITS is:

1. With honors: $3.75 < \text{GPA} \leq 4.00$ and study period ≤ 2 years.
2. Very satisfactory: $3.75 < \text{GPA} \leq 4.00$ and study period > 2 years, or $3.51 \leq \text{GPA} \leq 3.75$ and study period ≤ 2 years.
3. Satisfactory: $3.0 \leq \text{GPA} \leq 3.5$

Regarding the application for leave in accordance with the 2014 Academic Regulation article 41, students are allowed to apply for study leave after attending college for at least two (2) first semesters and leave is given a maximum of two (2) semesters for the Masters program.

7. Pre-Thesis

The thesis research plan is submitted by students in the form of a research proposal. The preparation of a research proposal must follow the standard guidelines for proposal writing in accordance with the Postgraduate Quality Standards. In the process of compiling the research proposal, students are supervised intensively by their supervisor (with the minimum requirement that they have a doctorate degree) in accordance with the Subject Clusters (RMK) that are in line with the chosen thesis topic. Students are expected to take a minimum of 2 (two) courses from the RMK in accordance with the thesis topic. The procedure for submitting a new Thesis proposal can be seen in Attachment 1.

Following are the requirements for students who submit a Thesis Proposal Examination:

1. Register a new Thesis Proposal in the Montes System
2. Submit the supervisor approval form (Attachment 3)
3. Submit 5 copies of the draft Thesis Proposal

Proposals are submitted at least 3 months before the Thesis Examination. After obtaining approval from the supervisor, the proposal is submitted to PSMTIF to be tested in private in front of the examining team. The examining team for the Thesis proposal consists of Supervisors and 3 (three) Examining lecturers. The Thesis Proposal examiner team will later become the examiner team in the student's Thesis Exam. The results of the Thesis proposal examination can be in the form of one of the following: accepted, received by revision, or re-examination. The official report form, assessment form, and revision sheet that must be filled in during the Thesis Proposal Examination can be seen in Appendices 7, 8, and 9. If the results of the thesis proposal exam are received with revisions, the revision must be completed immediately within 2 weeks and submit a hardcopy of the Thesis Proposal that has been received / revised and signed by all the Examiners to the Reading Room and proof of acceptance of submission to the Informatics Engineering Reading Room is submitted to the S2 academic staff. If you have not submitted proof of acceptance of submission, the Pre-Thesis course score cannot be issued.

8. Thesis

During the thesis work, each student must fill out the Guidance Card with the signature of the supervisor as evidence of the implementation of the thesis guidance. The minimum number of guidance provided is 6 times. The procedure for submitting the Thesis exam can be seen in Attachment 2.

Following are the requirements for students who submit a Thesis Examination:

1. Submit 5 copies of the draft Thesis
2. Submit the Advisory Lecturer approval form (Attachment 3)
3. Submitting Thesis Guidance Cards (Attachment 4)
4. Pre-Thesis Sheet completed with Pre-Thesis attendance list (Attachments 5 and 6)
5. Print Out FRS in the current semester
6. Course Transcripts

The results of the Thesis Examination can be in the form of a decision between the following options: Accepted, Accepted with Revision, or Re-examination. The Minutes Form, Assessment Form, and Revision Sheet that must be filled in during the Thesis Examination can be seen in Attachment 7, 8, and 9. If the results of the thesis exam are received with revisions, the revision must be completed within 2 weeks a copy of the Thesis Book that has been accepted/revised and signed by all Examiners to the Postgraduate Team to ask for Approval from the Postgraduate Director. After that the Thesis Book was submitted to the ITS Central Library and Informatics Engineering Reading Room. Proof of acceptance of submission to the ITS Central Library or Informatics Engineering Reading Room is submitted to the S2 academic staff as one of the Judiciary requirements. If you have not submitted proof of acceptance of submission, the thesis score cannot be issued. The Pre-Thesis Seminar is held in public after the thesis proposal is approved to share knowledge of the Thesis topic being worked on and also to get input from participants related to the Thesis topic.

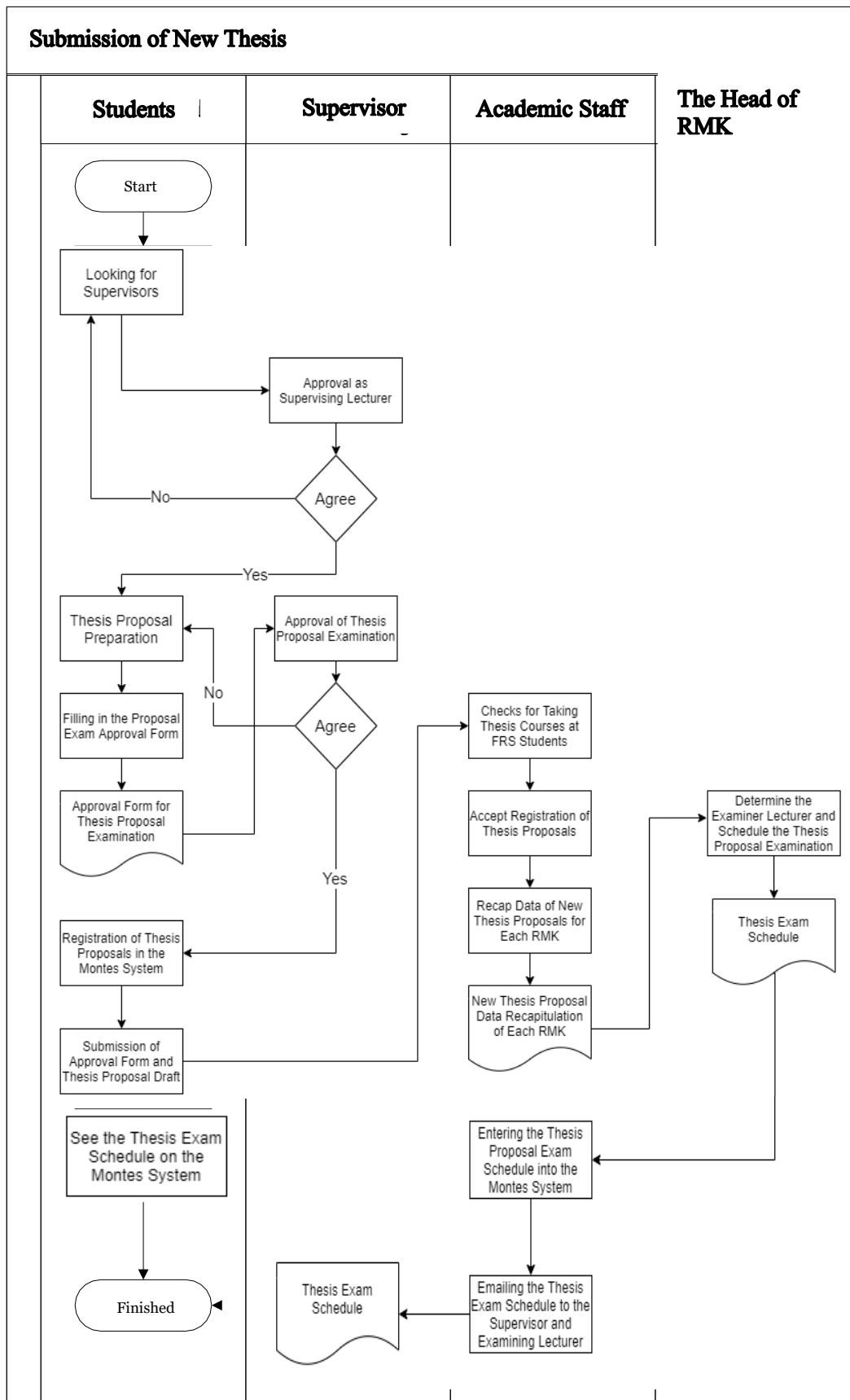
9. Judicium

Every student who has completed his thesis is required to publish his research results in international seminars or papers in national or international journals in accordance with the applicable ITS Academic Regulations after obtaining approval from their supervisor. After the publication process is carried out, students must fill out the publication reporting form (Attachment 10) and submit it to PSMTIF as evidence of implementing scientific publications along with copies of published articles. Following are the requirements to take the Judicium:

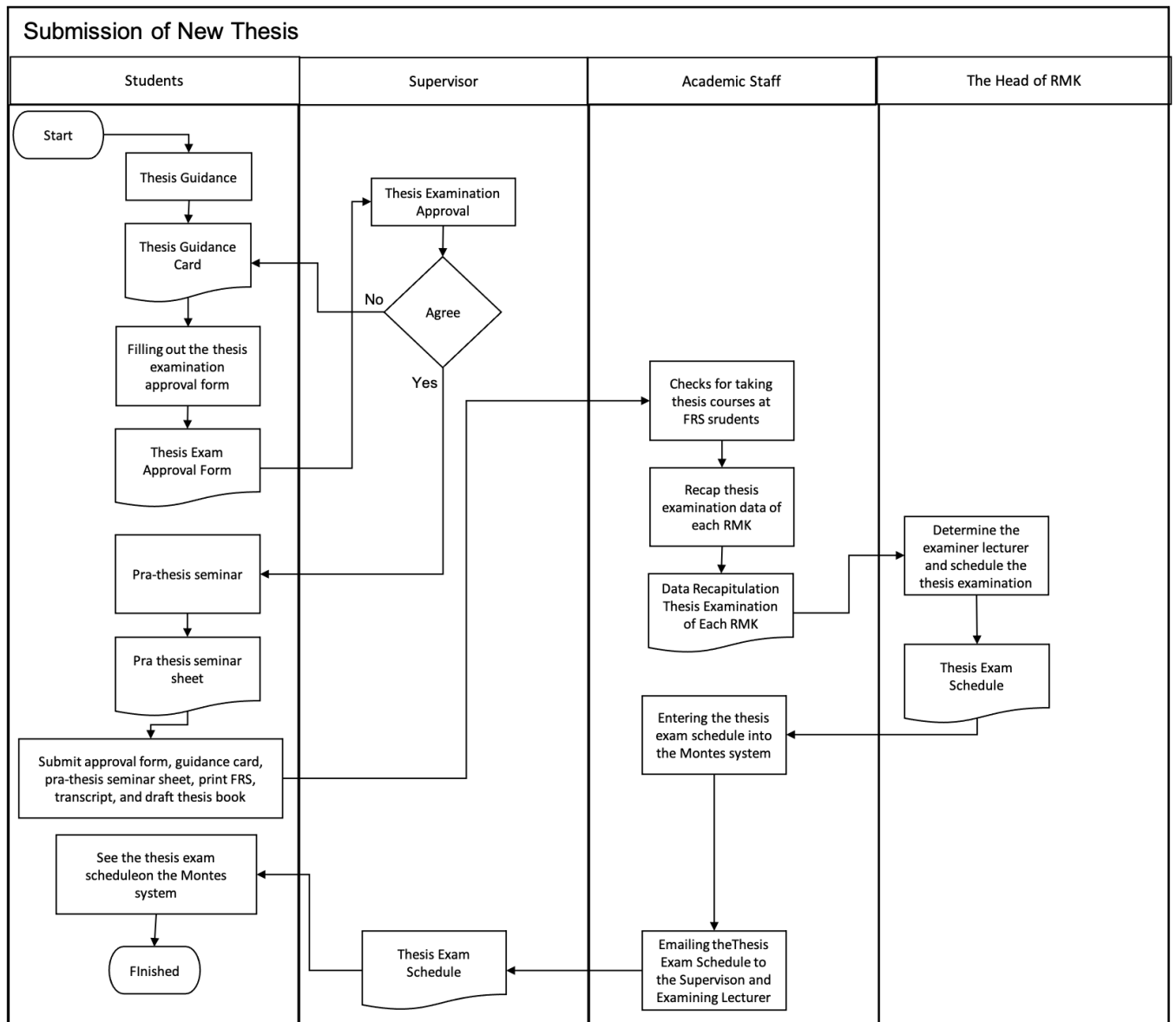
1. Fill out the Judicium form
2. 5 pieces of 3x4 photo
3. Publication Evidence and publication articles
4. TOEFL certificate (minimum score of 477)
5. Transcript
6. Thesis Revision Sheet that has been signed by the Examining Team
7. Evidence of Submission of the Thesis Book to the ITS Library and Informatics Engineering Reading Room
8. Form of Free Thesis Guidance
9. Free Form for Lending Library Books
10. Laboratory Free Form

10. Attachment

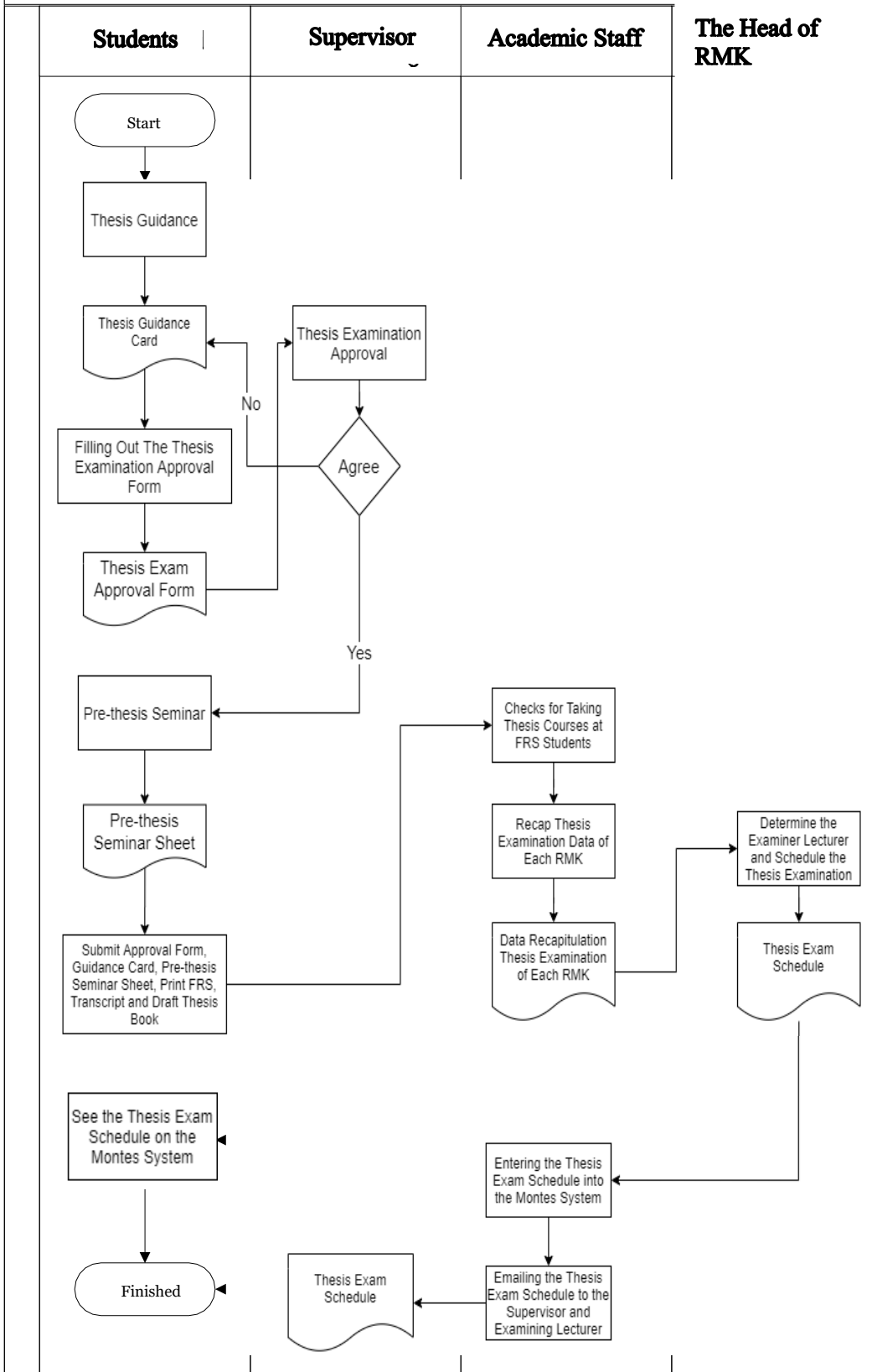
Attachment 1 Procedure for Submitting a Thesis Proposal



Attachment 2 Procedure for Submitting Thesis Examination



Submission of New Thesis



Attachment 3 Advisor Approval Form

**POSTGRADUATE DEPARTMENT OF
INFORMATICS ENGINEERING
SEPULUH NOPEMBER INSTITUTE OF TECHNOLOGY SURABAYA**

ADVISOR APPROVAL FORM

The undersigned below:

Name : 1.
2.

As a supervisor from student :

NRP :
Name :
RMK : *(filled in by the Supervisor)*
Title of Thesis Proposal :

Declare *)agree / disagree with the above students to take the Thesis Proposal Exam.

Graduation Period :

So please understand.

Supervisor I

Supervisor II

()

()

* The student's achievement record: (filled in by the supervisor) (circle accordingly)

1. Thesis Proposal has been completed (including the concept of the Thesis Proposal book in typed form)
2. Thesis proposal has been completed. Thesis proposal book concept has not been typed
3. Thesis proposal has been completed. Thesis proposal book concept is not finished
4. Thesis proposal is not finished
5. etc :.....

*) Cross the unnecessary ones

Attachment 4 Thesis Guidance Card



*POSTGRADUATE STUDY PROGRAM
INFORMATICS ENGINEERING – FTIF
SEPULUUH NOPEMBER INSTITUTE OF TECHNOLOGY*

THESIS GUIDANCE CARD

NRP : Supervisor **1** :
Name : Supervisor **2** :
Thesis Title : | :

NO	GUIDANCE DATE	GUIDANCE TOPIC	THE SUPERVISOR'S SIGNATURE

Note:
-Thesis Proposal Exam :
- The requirement for submitting a thesis trial is at least six times of guidance

Postgraduate Study Program Department of Informatics Engineering.
Chairman,

_____ Name _____

Attachment 5 Pre-Thesis Seminar

STATEMENT FORM ALREADY CONDUCTED PRE-THESIS SEMINAR S2
POST GRADUATE OF INFORMATICS ENGINEERING - ITS

NRP/Name :

Thesis Title :

Supervisor : 1.

2.

Day/Date of the seminar :

Time of the seminar :

Venue of the smeinar :

Knowing,

Supervisor

Prodi Secretary S2

()

()

Attachment 7 Official Report of Thesis Examination

**POST GRADUATE PROGRAM
SEPULUH NOPEMBER INSTITUTE OF
TECHNOLOGY SURABAYA**

**OFFICIAL REPORT OF
THESIS EXAMINATION**

On

Day/Date

Time -

Place

Thesis Examination has been carried out

Title :

By :

NRP :

Study Program : S2 of Informatics Engineering

Fields of expertise : Informatics Engineering

With result

1. Approved
2. Approved with improvements/enhancements
3. Not approved or repeat

Examiner	Supervisor
<u>Head of the Trial:</u> 1.	1. Supervisor 1
<u>Member:</u> 2. 3.	2. Supervisor 2

Improvements/consummation that must be done are:
(if necessary it can be written on a separate sheet)

Knowing,
Head of the Informatics S2 Study Program

Name

Attachment 8 Assessment Form for Proposal Exam or Thesis Examination

POST GRADUATE PROGRAM

SEPULUH NOPEMBER INSTITUTE OF TECHNOLOGY SURABAYA

LIST OF THESIS EXAM VALUES

Title :

By :

NRP :

Fields of Expertise : Informatics Engineering

Study Program : S2 of Informatics Engineering

Faculty/Department : Information Technology

No	Criteria	Percentage	Score
1	Material Mastery	25%	
2	Research Contribution	30%	
3	Complexity of the Problem	25%	
4	Bookkeeping	20%	
Total Value			

Surabaya,
Supervisor/Examiner

()

Attachment 9 Revised of Proposal Examination or Thesis Examination

**THESIS EXAM
REVISION SHEET**

Name :
NRP :
Thesis Title :
Supervisor 1.
2.

Note:
Signature of the supervisor / examiner after the student has revised the thesis book.

NO	REVISION

Surabaya,
Supervisor/Examiner

()