



PROSPECTUS
CIVIL ENGINEERING STUDY PROGRAM
FACULTY OF ENGINEERING
MUHAMMADIYAH UNIVERSITY TANGERANG



OVERVIEW

01

vision and Mission

02

Administrator

03

Profile and Competence of Graduates

04

Facilities and
Tuition Free

- Jl Perintis Kemerdekaan I No. 33 Cikokol - Kota Tangerang
<https://umt.ac.id/ft/>

PROFIL SINGKAT

Program Studi Teknik Sipil, Fakultas Teknik, Universitas Muhammadiyah Tangerang didirikan berdasarkan surat Keputusan Direktur Jenderal Pendidikan Tinggi Departemen Pendidikan dan Kebudayaan Republik Indonesia Nomor 109/D/O/2009 tentang izin penyelenggaraan Program Studi Teknik Sipil, Fakultas Teknik, Universitas Muhammadiyah Tangerang.

Berdasarkan Surat Keputusan dari BAN-PT No. 1438/SK/BAN-PT/Akred/S/V/2018, Program Studi Teknik Sipil, Fakultas Teknik, Universitas Muhammadiyah Tangerang **Terakreditasi B**.

SISTEM PERKULIAHAN

Perkuliahahan dilaksanakan dengan Sistem Kredit Semester (SKS) dengan beban studi **144 SKS** dan dapat ditempuh dengan ambang batas maksimal masa studi **14 (delapan) semester** atau **7 (tujuh) tahun**. Kurikulum program studi dirumuskan berdasarkan hasil Branchmarking terhadap Perguruan Tinggi Negeri (PTN) dan Perguruan Tinggi Swasta (PTS) terkemuka.

Pendekatan pembelajaran yang digunakan antara lain adalah **Pembelajaran Berbasis Teori (Theory-Based Learning)** dan **Pembelajaran Berbasis Penelitian (Research-Based Learning)**. Melalui kedua pendekatan ini mahasiswa dapat mengkaji dan memahami berbagai teori dan perkembangannya pada Ilmu Hukum. Selain itu, mahasiswa dapat memperoleh penilaian prestasi belajar berdasarkan karya penelitiannya yang dipublikasikan di berbagai jurnal ilmiah.

VISION AND MISSION OF CIVIL ENGINEERING STUDY PROGRAM FACULTY OF ENGINEERING, UNIVERSITY OF MUHAMMADIYAH TANGERANG



Vision

Becoming a civil engineering study program that is humane and based on Islamic values in the field of environmentally friendly and standard construction international.

Mission

- ❑ Carry out learning outcomes to produce graduates who master science and technology that are humane and based on Islamic values in the field of construction
- ❑ Developing education, research and community service that is humane in the field of construction that is environmentally friendly and international standard
- ❑ Organizing Cooperation in Education, Research and Community Service in developing science and technology based on environmentally friendly and international standard construction

02

MANAGEMENT OF THE FACULTY OF ENGINEERING UMT



Rohmat Taufiq S.T., M.Kom.

Dean of the Faculty of Engineering



Dr. Sumardi Sadi, S.Pd., S.T., M.T.

Deputy Dean I of the Faculty of
Engineering



Tina Hernawati Suryatman, S.T., M.T.

Deputy Dean II of the Faculty of
Engineering



H. Joko Hardono, S.T., M.T.
Quality Assurance Group (GPM)
Faculty of Engineering,
Universitas Muhammadiyah Tangerang

HEAD OF CIVIL ENGINEERING STUDY PROGRAM



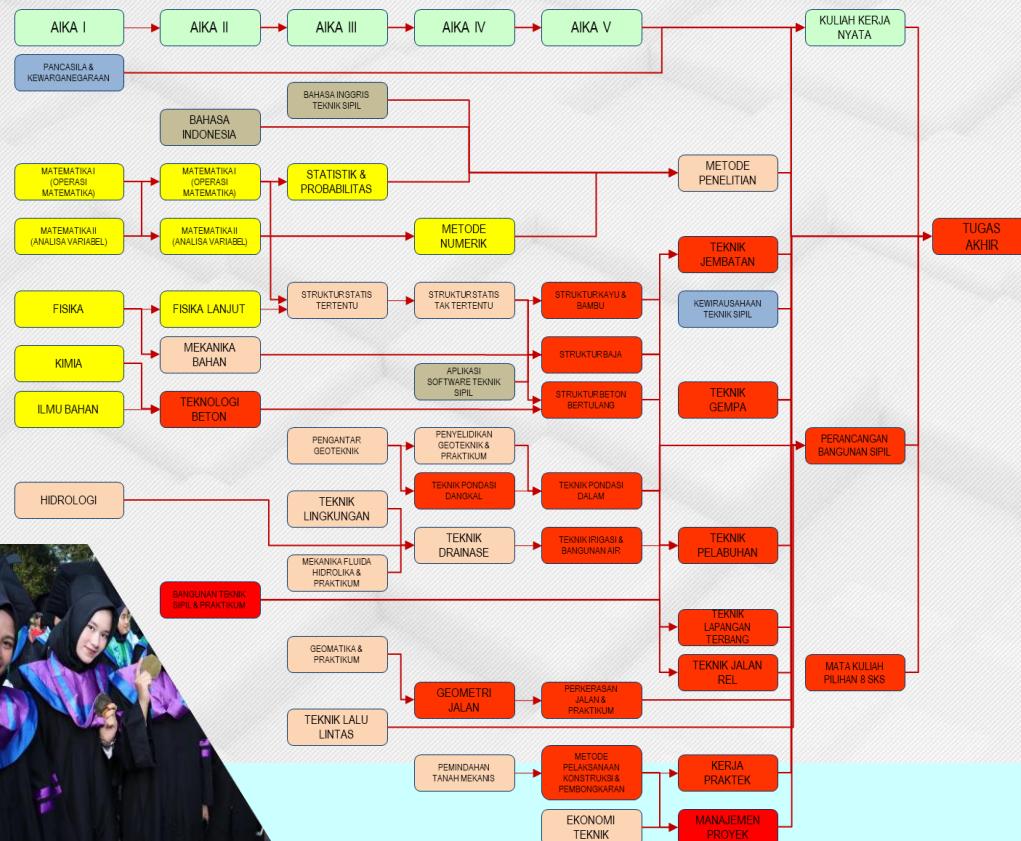
Hj. Siti Abadiyah, S.T., M.T.
Head of the Civil Engineering Study Program,
Faculty of Engineering
Tangerang Muhammadiyah University



Rully Anggraeni Safitri, S.Pd., M.Eng
Secretary of the Civil Engineering Study Program,
Faculty of Engineering
Tangerang Muhammadiyah University

CIVIL ENGINEERING STUDY PROGRAM CURRICULUM

I	II	III	IV	V	VI	VII	VIII
---	----	-----	----	---	----	-----	------



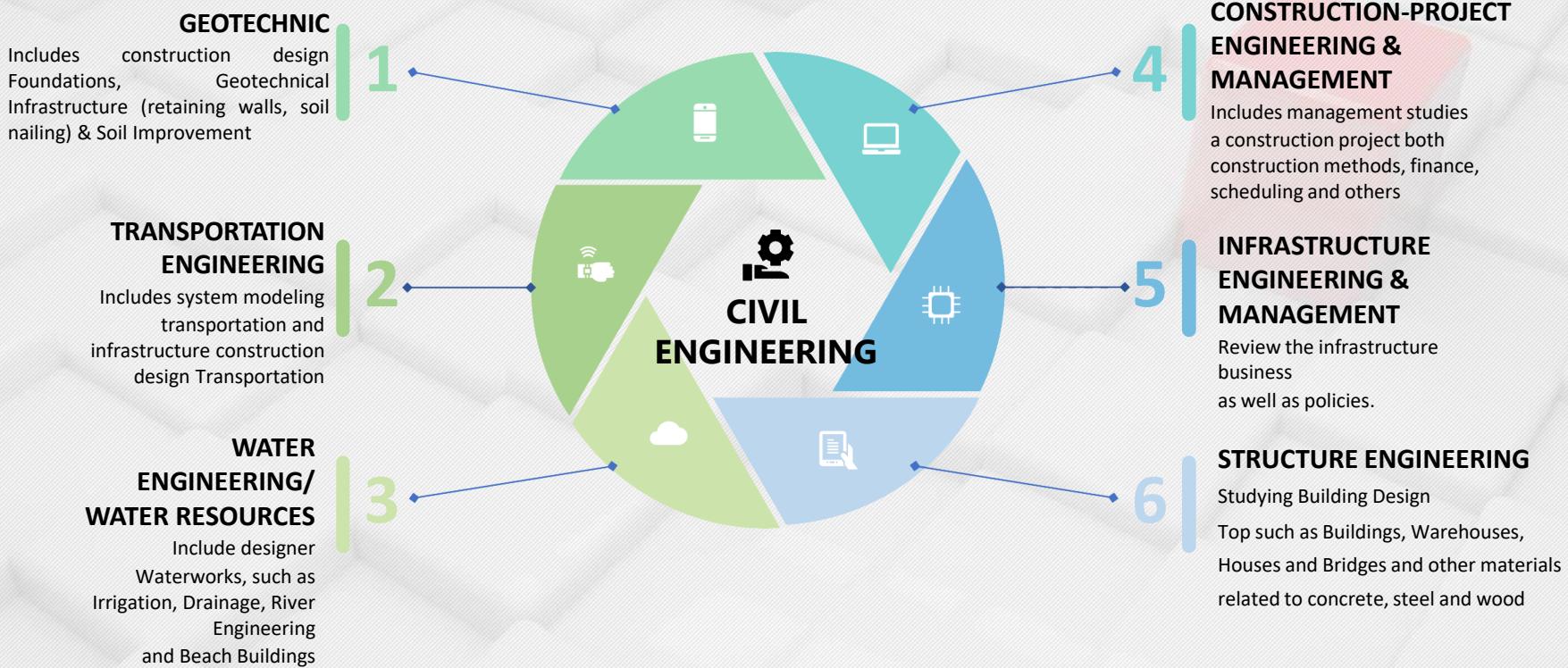
Staf Pengajar

- Dr. Mirza Shahreza, S.I.Kom., M.I.K.
- Dr. Lenni, S.T., M.T.
- Dr. Muhammad Abdul Rosid, S.E., M.M.
- Dr. Warsito, M.Si.
- Dr. Hairul Saleh, M.Si.
- Dr. Sumardi Sadi, S.Pd., S.T., M.T.
- Dr. Asrori Muktaron, M.A.
- Dr. Milana Abdillah, S.PdI., M.A.
- Siti Abadiyah, S.T., M.T .
- Dr. Sugeng Purwanto, S.T., M.T.
- Jeply Murdiaman Guci, S.T., M.T .
- Ria Rossaty, S.T., M.T.
- Brian Alfandy, S.T., M.T.
- Rully Angraeni Safitri, S.Pd., M.Eng.
- Basirun, S.T., M.T.
- Aidil Syah Putra, S.Hum., M.Pd.
- Amiludin, S.H., M.H.
- Al-Irsyadiah, M.A.





CIVIL ENGINEERING FIELD



03

COMPETENCE OF CIVIL ENGINEERING GRADUATES

1. Able to demonstrate Islamic morals personally and interpersonally both academically and professionally
2. Able to be responsible for their own work and can be given responsibility for the achievement of cross-disciplinary and cross-cultural team work
3. Able to apply basic knowledge and mathematical methods, science, and statistics in the latest applicable civil engineering technology standards
4. Able to communicate effectively both orally and in writing
5. Able to apply lifelong learning related to current issues
6. Able to design or apply engineering concepts to design infrastructure according to user needs within realistic limits and utilize the potential of local and national resources in a global, economic, environmental and social context.
7. Able to solve problems in the field in the field of civil engineering
8. Able to use modern engineering methods, skills and tools
9. Able to carry out laboratory and/or field experiments as well as analyze and interpret data to strengthen technical judgments.



CIVIL ENGINEERING WORK PROSPECTS

BIDANG PENDIDIKAN-RISET

- Dosen Teknik Sipil
- Guru SMK Bangunan
- Staf Laboratorium
- Staf Investigasi/ Pengujian/ Survey
- Staf Research & Development

BIDANG BIROKRASI

- Staf Dinas/ Kementerian PUPR
- Staf Dishub/ Kemenhub
- Staf Dinas/ Kementerian lain (Hampir semua ada slot), Badan/ Lembaga Negara/ Daerah

BIDANG MK-PERENCANA KONSTRUKSI

- Civil Engineer Sp. (WR, Structure, Transport/ Road, Geotech, Hidraulic)
- Cost Estimator/ Quantity Engineer
- BIM Enginner, CAD Technician
- Procurement Specialist/ Tender Sp.
- Staf Teknis Konsultan/Swasta/BUMN



BIDANG PELAKSANAAN KONSTRUKSI

- Project Staf/ Manager
- Site Engineer
- Civil Engineer Sp. (WR, Structure, Transport/ Road, Geotech, Hidraulic)
- Staf Teknis Kontraktor/Swasta/BUMN

BIDANG MK-PENGAWAS KONSTRUKSI

- Project Supervisor/ Site Manager
- QS/QA/QC Engineer
- Civil Engineer Sp. (WR, Structure, Transport/ Road, Geotech, Hidraulic)
- Staf Teknis Konsultan/Swasta/BUMN

BIDANG LAIN

- Entrepreneur (Kontaktor/Developer)
- Staf Marketing Properti/Developer
- Staf Jasa keuangan Konstruksi
- Auditor Lembaga/ Badan Usaha
- Staf sarana-prasarana konstruksi
- Anggota TNI (Perwira Jalur Sarjana)



PRAKTIKUM ILMU UKUR TANAH/ GEOMATIKA

Melakukan pengukuran untuk mendeskripsikan keadaan dan posisi suatu tempat di permukaan bumi untuk kemudian menggambarkannya pada bidang datar.

PRAKTIKUM TEKNOLOGI BETON/ BAHAN

Mengetahui, memahami, dan merencanakan beton sesuai dengan teori dan ketentuan yang telah ditetapkan



PRAKTIKUM PENYELIDIKAN GEOTEKNIK/ MEKANIKA TANAH

Melaksanakan pemeriksaan tanah untuk mengetahui sifat-sifat fisis dan mekanis tanah

PRAKTIKUM GAMBAR BANGUNAN TEKNIK SIPIL

Meningkatkan pemahaman dan mengasah ketrampilan menggambar serta penguasaan software gambar (CAD)



PRAKTIKUM MATERIAL PERKERASAN JALAN

Mengetahui campuran Material jalan, material pembentukan aspal.
Perencanaan dan percobaan pembuatan campuran aspal dan pengujian.



PRAKTIKUM MEKANIK FLUIDA DAN HIDRAULIKA

Mengetahui prilaku mekanik fluida dan pengukuran hidrolik dari fluida air

TUTION FEE

NO.	URAIAN	SEMESTER 1		SEMESTER 2		SEMESTER 3		SEMESTER 4	
		T.SIPIL		T.SIPIL		T.SIPIL		T.SIPIL	
1	Formulir Pendaftaran	Rp	250.000						
2	Uang Pembangunan	Rp	3.500.000						
3	Kartu Tanda Mahasiswa (KTM)	Rp	100.000						
4	Masta	Rp	350.000						
5	Jaket Almamater (Dua)	Rp	400.000						
6	Seragam	Rp	-						
7	SPP	Rp	3.950.000	Rp	3.950.000	Rp	3.950.000	Rp	3.750.000
8	SKS	Rp	2.500.000	Rp	2.625.000	Rp	2.500.000	Rp	2.280.000
9	UTS	Rp	-	Rp	-	Rp	-	Rp	-
10	UAS	Rp	-	Rp	-	Rp	-	Rp	-
11	Perpustakaan	Rp	650.000	Rp	650.000	Rp	650.000	Rp	150.000
12	Jurnal	Rp	-	Rp	-	Rp	-	Rp	-
13	Registrasi	Rp	500.000	Rp	500.000	Rp	500.000	Rp	500.000
14	Praktek Laboratorium	Rp	-	Rp	-	Rp	-	Rp	300.000
TOTAL		Rp	12.200.000	Rp	7.725.000	Rp	7.600.000	Rp	6.980.000