

Department of **Chemical Engineering**
Graduate – Processing Technology
FACULTY OF INDUSTRIAL TECHNOLOGY
INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS)

Smt	Code	Courses	Credits
1	TE2300	Introduction of Research Area	2
1	TE2340	Discrete Mathematics and Graph Theory	2
1	TE2357	Random Process in Telematics	3
1	TE2358	Algorithm and Computation Techniques	3
1	TE2363	TIK System and Network	2
1	TE2364	Strategic Management	2
1	TE2365	Distributed Database Management System	2
1	TE2368	Network Management	2
1	TE2483	Multimedia Signal Processing**	2
1	TE2487	Network Management**	2
1	TE2499	Programming Technique**	2
2	TE2304	Scientific Writing	2
2	TE2343	GRID Computer System	2
2	TE2359	System Performance and Analysis	2
2	TE2360	Digital Communication System	2
2	TE2366	TIK Audit and Governance	2

Smt	Code	Courses	Credits
2	TE2367	Project Management	2
2	TE2702	Information System and Network Security	2
2	TE2717	Information System and Network Security	2
3	TE2361	Mobile Computation	2
3	TE2362	Internet Engineering	2
3	TE2405	Optimization and Statistical Methods**	2
3	TE2480	Business Intelligence**	2
3	TE2482	Computer Networks**	2
3	TE2489	Telemedical System**	2
3	TE2700	Ad-Hoc Wireless Network	2
3	TE2701	Multimedia in Network	2
3	TE2703	Real-Time and Embedded System	2
3	TE2704	Communication Network Performance and Analysis	2
3	TE2705	Multimedia Database Management System	2
3	TE2706	Digital Image Processing	2

Smt	Code	Courses	Credits
3	TE2707	Artificial Intelligence	2
3	TE2708	Fault-Tolerant Computing	2
3	TE2709	Biometric System	2
3	TE2710	Special Topics in Telematics	2
3	TE2711	Knowledge Management	2
3	TE2712	Data Center Management	2
3	TE2713	Intelligence System	2
3	TE2714	E-Commerce	2
3	TE2715	Performance Management	2
3	TE2716	Special Topic in CIO	2
3	TE2720	E-Government	2
3	TE2722	Multimedia Networks	2
4	TE2599	Thesis	6
4	TE2718	TIK Regulation and Standard	2
4	TE2719	E-Learning	2
4	TE2721	Wireless Communication Networks	2

* Select one of with stars

** Elective courses