

Faculty of Industrial Technology

NO	Code	Course	Study Program	credits	Tentative Lecture	Semester	
						1 (August - December)	2 (January - May)
1	TK2107	Fluid & Particle Mechanics	Chemical Engineering	3	Dr.Yazid Binda/Dr. Yogi W.Budhi	√	
2	TK3103	Chemical Reaction Engineering II	Chemical Engineering	3	Dr.IGBN Makertihartha/Dr.Yogi W.Budhi	√	
3	TK3104	Fundamentals of Bioprocess Technology	Chemical Engineering	3	Dr.Made T.A.P.Kresnowati	√	
4	TK3105	Food Technology Unit Operations	Chemical Engineering	3	Dr.Lienda Handojo/Dr.Dianika Lestari	√	
5	TK3202	Process Control	Chemical Engineering	3	Dr.Antonius Imdarto/Dr.Carolus B.Rasrendra		√
6	TK3206	Bioreactor Design & Analysis	Chemical Engineering	3	Dr.Tjandra Setiadi/Dr.Ardiyan Harimawan		√
7	TK4011	Food System Hydrocolloid Technology	Chemical Engineering	3	Dr.Dianika Lestari	√	
8	TK4030	Industrial Electrochemical Technology	Chemical Engineering	3	Dr.Hary Devianto	√	
9	TK4040	Process Intensification Technology	Chemical Engineering	3	Dr. Yogi W.Budhi		√
10	TK4045	Biomass Refinery Technology	Chemical Engineering	3	DR.IGBN Makertihartha / Dr.Carolus B.Rasrendra	√	
11	TK4046	Fundamentals of Process Metallurgy	Chemical Engineering	3	Dr. Tjokorde W.Samadi / Dr. Winny Wulandary		√
12	TK4053	Renewable Fuels Technology	Chemical Engineering	3	Dr.Tirto Prakoso / Dr.Carolus B.Rasendra	√	
13	TK4045	Vegetable Oil & Lipid Processing	Chemical Engineering	3	Dr. Tirto Prakoso / Meiti Pratiwi MS	√	

14	TK4059	Analysis & Troubleshooting of Process Systems	Chemical Engineering	3	Dr. Antonius Indarto / Dr.Tri P.Adhi		√
15	TK4065	Food Product Development B	Chemical Engineering	3	Dr.Yazid Bindar / Dr.Dianika Lestari		√
16	TK4076	Statistical Experimental Design	Chemical Engineering	3	Dr. Tjokorde W.Samadhi	√	
17	TK4101	Process Design	Chemical Engineering	3	Dr.Antonius Indarto/Dr.Carolus B.Rasrendra	√	
18	TK4103	Chemical Engineering Economics &Project Management	Chemical Engineering	3	Dr. Tjokorde W.Samadhi	√	
19	TK4202	Process Plant Safety	Chemical Engineering	3	Dr.Yogi W.Budhi / Dr.Hary Devianto		√
20	TF4020	Lasers and Fiber Optics	Engineering Physics	3	Dr. Endang Juliastuti	√	
21	TF3120	Measurement Methods	Engineering Physics	3	Prof. Dr.Deddy Kurniadi/Dr.Joko Saworno	√	
22	TF2101	Engineering Mathematics I	Engineering Physics	3	Dr. Agus Samsi / Dr.Iwan Prasetyo	√	
23	TF2106	Electromagnetics	Engineering Physics	3	Dr. Suprijanto / Prof.Dr.Hermawan K Dipojono	√	
24	TF3204	Acoustics	Engineering Physics	3	Dr.IB Ardhana Putra		√
25	TF3103	Quantum Mechanics	Engineering Physics	3	Dr.Ahmad Nuruddin	√	
26	TF2201	Engineering Mathematics II	Engineering Physics	3	Dr. Endra Joelianto		√
27	TF2103	Mechanics of Materials	Engineering Physics	3	Dr.Brian Yulianto		√
28	TF3202	Enviroments an energy	Engineering Physics	3	Dr. Iwan Prasetyo		√
29	TF6011	Acoustic Signal Processing	Engineering Physics	3	Dr.R.S.Joko Sarwono	√	

30	IK6214	Control and Applications	Instrumentation and Control	2	Dr. Enda Joelianto		√
31	IK6111	Measurement Instrumentation	Instrumentation and Control	3	Prof.Dr.Deddy Kurniadi	√	
32	TF5031	SCADA System	Instrumentation and Control	3	Dr. Edi Leksono		√
33	TI2013	Introduction to Economics	Industrial Engineering	2	Dr. Tota Simatupang, M.Eng	√	
34	TI2104	Database Systems	Industrial Engineering	3	Dr.Rajesri Govindaraju, ST,MT	√	
35	TI3001	Production Planning Control	Industrial Engineering	2	Dr.Ir.TMA Ari Samadhi / Dr. Anas Ma'ruf	√	
36	TI3004	Engineering Economics	Industrial Engineering	2	Dr. Tota Simatupang, M.Eng		√
37	TI3102	Opererations Research II	Industrial Engineering	3	Dr. Andi Cakravastia Raja ST,MT	√	
38	TI3103	System Modeling	Industrial Engineering	3	Dr.Ir.Rachmawati Yudi M.Sc	√	
39	TI3104	Quality Assurance & Control	Industrial Engineering	3	Prof. Dr.Ir. Dradjad Irianto M.Eng	√	
40	TI4105	ERP System	Industrial Engineering	2	Dr.Rajesri Govindaraju, ST,MT	√	
41	TI5001	Optimization Method	Industrial Engineering	3	Dr. Andi Cakravastia Raja ST,MT	√	
42	TI5102	Multivariate Statistics	Industrial Engineering	3	Titah Yudistira ST, MT	√	
43	TI5003	Methodology and system Modeling	Industrial Engineering	3	Prof. Dr. Ir. Bermawi P. Iskandar	√	
44	TI5015	e-Business Design	Industrial Engineering	3	Dr.Rajesri Govindaraju, ST,MT	√	