

Offered List of Subjects Odd Term 2021-2022
International Undergraduate Program in Industrial Engineering

CODE	CD_DEPT	CD_SUBJECT	COURSE	Semester	CREDIT
2021	522	UNI600	Islamic Religion	1	2
2021	522	STI101	Calculus 1	1	3
2021	522	STI102	Physics	1	2
2021	522	STI103	Introduction to Industrial Engineering	1	3
2021	522	STI104	Programming Logic	1	3
2021	522	STI105	Fundamental of Industrial Engineering Design	1	3
2021	522	STI106	Linear Algebra	1	2
2021	522	STI107	Biology: Anatomy and Physiology	1	2
2021	522	UNI606	English	3	2
2021	522	STI301	Work Method and Measurement	3	2
2021	522	STI302	Manufacturing Process	3	3
2021	522	STI303	Optimization	3	3
2021	522	STI304	Statistics 2	3	3
2021	522	STI305	Cost Analysis and Estimation	3	2
2021	522	STI306	Production Planning and Control 1	3	2
2021	522	STI307	Physics Laboratory Works	3	1
2021	522	STI308	Environmental Chemistry	3	2
2021	522	UNI605	Sharia Entrepreneurship	5	2
2021	522	STI501	Decision Analysis & Data Mining	5	3
2021	522	STI502	Occupational Safety and Health (OSH)	5	2
2021	522	STI503	Productivity Engineering	5	2
2021	522	STI504	Intelligent System	5	2
2021	522	STI505	Industrial Organization Design	5	2
2021	522	STI506	Project Management	5	2
2021	522	STI507	Product Design	5	3
2021	522	STI508	Management Information System	5	2
2021	522	UNI602	Islam Rahmatan lil Alamin	7	3
2021	522	UNI604	Civic Education	7	2
2021	522	UNI608	Community Service	7	2
2021	522	STI801	Undergraduate Thesis	8	5
2021	522	STI802	Internship	8	3
2021	522	STI941	Special Topics in Production System	7	3
2021	522	STI929	SCM Performance Management	7	3
2021	522	STI912	Business Process Management	7	3
2021	522	STI907	Asset Management	7	3
2021	522	STI921	Advanced Automation	7	3
2021	522	STI927	TRIZ for Product Design	7	3
2021	522	STI939	Special Topics in Industrial Management	Elective Course for Special Topics	3
2021	522	STI940	Special Topics in Operational Research	Elective Course for Special Topics	3
2021	522	STI941	Special Topics in Production System	Elective Course for Special Topics	3
2021	522	STI942	Special Topics in Ergonomics	Elective Course for Special Topics	3
2021	522	STI943	Operations Research	Mandatory Elective Courses for FAST TRACK PROGRAM	3
2021	522	STI944	Production System	Mandatory Elective Courses for FAST TRACK PROGRAM	3
2021	522	STI945	Advanced System Modelling	Mandatory Elective Courses for FAST TRACK PROGRAM	3
2021	522	STI946	The Philosophy of Industrial Engineering	Mandatory Elective Courses for FAST TRACK PROGRAM	3
2021	522	STI947	Capita Selecta	Elective Course for Internship	3
2021	522	STI948	Industrial System Analysis	Elective Course for Internship	9
2021	522	STI949	Technopreneurship	Elective Course for Business Start Up	9
Courses of transition (Transition Semester)					
2021	522	STI407	Production Planning and Control 2	4	2
2021	522	STI406	System Modeling	4	2
2021	522	STI601	Facility Layout Design	6	3
2021	522	STI606	Basic Research Methodology	6	2
2021	522	STI607	Supply Chain Management	6	3