

INDUSTRIAL ENGINEERING



BASIC TRAINING UNIT

PROFESSIONAL TRAINING UNIT

INTEGRATION AND APPLICATION UNIT

Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9
MAT20339 INTRODUCTION TO CALCULUS CR 3.00	MAT20341 CALCULUS I CR 3.00	MAT20342 CALCULUS II CR 3.00	MAT20346 DIFFERENTIAL EQUATIONS CR 3.00	IID23109 EXPERIMENT DESIGN CR 3.00	IID24121 PROCESS SIMULATION CR 3.00	IID23120 SERVICE MANAGEMENT CR 3.00	IID24133 PRODUCT DESIGN AND DEVELOPMENT CR 3.00	IID24136 TECHNOLOGY AND INNOVATION SEMINAR CR 2.00
IID21102 INTRODUCTION TO INDUSTRIAL ENGINEERING CR 2.00	MAT20221 LINEAR ALGEBRA CR 3.00	ISW21193 PROGRAMMING CR 3.00	IID22505 STATISTICS FOR ENGINEERS CR 3.00	IID23114 OPERATIONS RESEARCH CR 3.00	IID23111 STATISTICAL PROCESS CONTROL CR 2.00	IID24135 SUPPLY CHAIN MANAGEMENT CR 3.00	IID24126 LOGISTICS AND TRANSPORTATION CR 3.00	IID24140 INDUSTRIAL PLANT DESIGN CR 3.00
FIS20121 GENERAL PHYSICS CR 3.33	IAGI1108 GENERAL CHEMISTRY CR 3.33	IID22106 WORK STUDY AND PRODUCTIVITY CR 3.00	IID22305 THERMODYNAMICS CR 2.00	IID23116 OPERATIONS MANAGEMENT I CR 3.00	IID24122 OPERATIONS MANAGEMENT II CR 3.00	IID23224 CLEANER PRODUCTION AND ENERGY EFFICIENCY CR 3.00	IID24129 INDUSTRIAL MAINTENANCE MANAGEMENT CR 3.00	IID24139 PRE-PROFESSIONAL INTERSHIP CR 3.00
IID21303 COMPUTER-AIDED DESIGN CR 3.00	IID22307 MATERIALS TECHNOLOGY CR 2.00	FGH20943 ART, HUMAN EXPRESSION AND COMMUNITY CR 3.00	IID22109 PROCESS-BASED MANAGEMENT CR 3.00	IID23316 INDUSTRIAL ELECTRICITY AND ELECTRONICS CR 3.00	IID23318 CAD/CAM/CAE SYSTEMS CR 3.00	IID24331 INDUSTRIAL AUTOMATION AND ROBOTICS CR 2.00	IID24229 ERGONOMICS AND OCCUPATIONAL HEALTH CR 2.00	IID24131 MANAGEMENT INFORMATION SYSTEMS CR 3.00
FGL20192 LANGUAGE AND DIGITAL COMMUNICATION CR 4.00	IID23313 SYSTEMS OF MEASUREMENT CR 2.00	FGL20180 RESEARCH AND ACADEMIC WRITING CR 3.00	IID23312 MECHANICS FOR ENGINEERS CR 3.00	IID23217 QUALITY MANAGEMENT CR 3.00	IID23324 INDUSTRIAL MACHINERY CR 2.00	IID23226 INDUSTRIAL SAFETY CR 3.00	TITAS841 CONTINUOUS IMPROVEMENT CR 3.00	TITAS842 INDUSTRIAL PROJECTS CR 3.00
	FGH20932 CITIZENSHIP, CULTURE AND HISTORY CR 3.00		IID23411 INDUSTRIAL ACCOUNTING AND COSTS CR 2.00		IID23422 ECONOMIC ENGINEERING CR 3.00	IID24428 ORGANIZATIONAL LEADERSHIP CR 2.00		
15	16,3	15	16	15	16	16	13	14

Core curriculum areas

	Theoretical Foundations
	Communication and languages
	Epistemology and research methodology
	Integration of knowledge, contexts and culture
	Professional Practice
	Curricular Integration Unit

Total Credits	136
Total Hours	6576