## Department of Industrial Engineering and Management Curriculum Requirements for Enrollees in the Academic Year 113 (Fall 2024)

Required and Elective Credits Subject Category Credits  Required P8 Credits Subject Category Credits  Required P8 Credits General Education 28 Credits  Major Required 70 Credits  College Major 0 Credits  Elective 30 Credits General Education 4 Credits  Major Elective 26 Credits  Other Regulations  Remarks "Computer Course" means computer access is required (computer and internet usage fee).  First Semester, First Year Second Semester, First Year	Prog	gram	International Foundati	on Pr	ogram							
Special Program   None   Department Curriculum   College Curriculum   College Curriculum   College Curriculum   College Curriculum   University Curriculum   College Curriculum	Group		None									
Department Curriculum   College Curriculum   Coll	Class	Туре	Regular Class									
Curriculum Committee  College Curriculum  Academic Affairs  Graduation Credits /Study Duration  Credit Load per Semester  Credit Load per Semester  Credit Load per Semester  Credits per semester. Students in Grades 3 and 4 must take no fewer than 9 credits and no more than 28 credits per semester.  Required and Elective  Credits  Required  98 Credits  General Education  Elective  30 Credits  General Education  College Major  General Education  A Credits  General Education  A Credits  General Education  A Credits  Other Regulations  Remarks  Computer Course' means computer access is required (computer and internet usage fee).  First Semester, First Year  Course Category  Number  Category  Number  Course Name  Category  Course Number  General Education(1) 2/2  General Education  Category  Number  Course Name  Course Name  Course Name  Course Name  Course Category  Number  General Education F06114  Community Service & 0/1  General Education  Food Food Food Food Food Food Food Foo	Special	Program	None									
Curriculum Committee			Department Curriculum									
University Curriculum   Academic Affairs   At least 128 credits required (normally 4 years).   Graduation Credits   At least 128 credits required (normally 4 years).			College Curriculum									
Students in Grades 1 and 2 must take no fewer than 16 credits and no more than 28 credits per semester. Students in Grades 1 and 2 must take no fewer than 16 credits and no more than 28 credits per semester. Students in Grades 3 and 4 must take no fewer than 9 credits and no more than 25 credits per semester. Students in Grades 3 and 4 must take no fewer than 9 credits and no more than 25 credits per semester.    Required and Elective	Curriculum	Committee	University Curriculum									
Students in Grades   and 2 must take no fewer than 16 credits and no more than 28 credits per semester   Students in Grades 3 and 4 must take no fewer than 9 credits and no more than 25 credits per semester. Students in Grades 3 and 4 must take no fewer than 9 credits and no more than 25 credits per semester.			Academic Affairs									
Credit Load per Semester   In o more than 25 credits per semester.   Students in Grades 3 and 4 must take no fewer than 9 credits and more than 25 credits per semester.   Subject Category   Credits			At least 128 credits required (normally 4 years).									
General Education   28 Credits   Major Required   70 Credits			credits per semester. Students in Grades 3 and 4 must take no fewer than 9 credits and									
Required   98 Credits   College Major   0 Credits	Required an	nd Elective	Credits	Sul	bject	Category	Credits					
College Major   O Credits				Gen	eral I	Education	28 Credits					
Course   Course   Course   Category   Number   Course   Number   Category   Course   Course   Course   Category   Course   Cou	Requ	ired	98 Credits		ajor R	equired	70 Credits					
Cotest   Course   Course   Category   Category   Category   Computer   Course   Category   Category   Category   Category   Computer   Course   Category   Category   Category   Category   Course   Category   Category   Category   Category   Category   Course   Category   C				C	College	e Major	0 Credits					
Other Regulations    Remarks	D1	. •	30 Credits		General Education		4 Credits					
Remarks   "Computer Course" means computer access is required (computer and internet usage fee).	Elec	tive			ajor E	lective	26 Credits					
First Semester, First Year  Course Category Number Course Name Cre dit s/ Hou rs  General Education F06110 Physical Education(1) 2/2 General Education F06111 Physical Education(2) 2/2 General Education F06114 Community Service & 0/1 General Education F06095 English(1) 2/2 General Education F06095 English(1) 2/2 General Education F06090 Chinese(2) 4/4 Education F06107 Computational Thinking and Creative Programming Alagor F06407 Calculus 3/3 Major Required F06407 Calculus 3/3 Major Required F06412 Industrial Engineering and Management Major Required F06429 Manufacturing Processes Major Required F06803 Accounting 3/3 Major Required F0	Other Reg	gulations										
Course CategoryCourse NumberCourse NameCre dit s/HoursNotes CategoryCourse CategoryCourse NumberCourse NameCre dit s/HoursGeneral EducationF06110Physical Education(1)2/2General EducationF06111Physical Education(2)2/2General EducationF06114Community Service & D/1General EducationF06115Community Service & D/1General EducationF06095English(1)2/2General EducationF06090Chinese(2)4/4Major RequiredF06107Computational Thinking and Creative Programming3/3General Education CoreF06096English(2)2/2Major RequiredF06407Calculus3/3Major RequiredF06108Programming Language3/3Major RequiredF06421Industrial Engineering and ManagementMajor RequiredF06434Introduction of MeasurementMajor RequiredMajor RequiredF06803Accounting3/3	Rema	arks	"Computer Course" mean	ns com	puter	access is 1	required (c	computer and internet us	sage f	ee).		
Category Number   S/Hou   S/Ho		First S	emester, First Year		Second Semester, First Year							
General Education F06110 Physical Education(1) 2/2 General Education F06111 Physical Education(2) 2/2 General Education F06114 Community Service & D/1 General Education F06115 Community Service & D/1 Learning (1) Community Service & D/1 Learning (2) General Education F06095 English(1) 2/2 General Education F06090 Chinese(2) 4/4 Education F06107 Computational Thinking and Creative Programming Major Required Programming S/3 Major Required F06407 Calculus S/3 Major Required F06421 Industrial Engineering and Management S/3 Major Required Management S/3 Major Required F06429 Manufacturing Processes S/3 Major Required Processes S/3 Major Required F06434 Introduction of Measurement S/3 Major Required F06803 Accounting S/3 Major Required F06803 Accounting S/3 Major Required S/3 Accounting S/3 Major Required F06803 Account			Course Name	dit s/ Hou	Notes			Course Name	dit s/ Hou	Notes		
General Education F06114 Community Service & 0/1 General Education F06115 Community Service & 0/1 Learning (1)  General Education F06095 English(1) 2/2 General Education F06090 Chinese(2) 4/4 Education F06107 Computational Thinking and Creative Programming F06107 Calculus 3/3 General Education Core Programming F06407 Calculus 3/3 Major Required F06407 English(2) S/3 Major Required F06421 Industrial Engineering and Management F06429 Manufacturing Processes S/3 Major Required F06434 Introduction of Measurement Major Required F06803 Accounting 3/3 Major Required		F06110	Physical Education(1)				F06111	Physical Education(2)				
Education   Major Required   F06107   Computational Thinking and Creative Programming   Algor Required   F06407   Calculus   Algor Required   F06421   Industrial Engineering and Management   Major Required   F06421   Industrial Engineering and Management   Major Required   F06434   Introduction of Measurement   Major Required   F06434   Introduction of Measurement   Major Required   F06803   Accounting	General	F06114		0/1		General	F06115		0/1			
Required Thinking and Creative Programming Solution Core Thinking and Creative Programming Solution Core Thinking and Creative Programming Solution Core Thinking and Creative Programming Solution Solut		F06095	English(1)	2/2			F06090		4/4			
Major RequiredF06407Calculus3/3Major RequiredF06108Programming Language3/3Major RequiredF06421Industrial Engineering and Management3/3Major RequiredF06429Manufacturing Processes3/3Major RequiredMajor RequiredF06434Introduction of Measurement3/3Major RequiredF06803Accounting3/3	Major Required	F06107	Thinking and Creative	3/3		Education	F06096	English(2)	2/2			
Major Required F06421 Industrial Engineering and Management S73 Major Required F06429 Manufacturing Processes S73 Major Required F06434 Introduction of Measurement S73 Major Required F06803 Accounting S73 Major Required F06803 Accounting S73 Major Required F06803 Major Required F06803 Major Required S73 Maj		F06407		3/3			F06108	Programming Language	3/3			
Major Required F06434 Introduction of Measurement Major Required F06803 Accounting 3/3	Major	F06421	Engineering and	3/3		Major	F06429		3/3			
Required Required							F06434		3/3			
13 Credits, 14 Hours 20 Credits, 21 Hours							F06803	Accounting	3/3			
		13 (	 Credits, 14 Hours				20	 Credits, 21 Hours				
First Semester, Second Year Second Semester, Second Year		First Semester, Second Year					Second S	Semester, Second Year				

Course Category	Course Number	Course Name	Cre dit s/ Hou rs	Notes	Course Category	Course Number	Course Name	Cre dit s/ Hou rs	Notes	
General Education	F06112	Physical Education(3)	2/2		General Education	F06113	Physical Education(4)	2/2		
General Education	F06116	Community Service & Learning (3)	0/1		General Education	F06117	Community Service & Learning (4)	0/1		
General Education	F06097	English(3)	2/2		General Education	F06092	Chinese(4)	4/4		
Major Required	F06408	Statistics	3/3		General Education	F06098	English(4)	2/2		
Major Required	F06410	Computer Aided Graphics	3/3		Major Required	F06409	Information Analysis and Application	3/3		
Major Required	F06424	Material Managemen	3/3		Major Required	F06433	Work Study	3/3		
Major Required	F06911	Managing English Introduction	2/2		Major Required	F06802	English for Industrial Engineering	2/2		
Major Required	F99306	Chinese (3)	4/4		Major Elective	F06822	Engineering Economy	3/3		
					Major Elective	F06981	Intelligent robot application	3/3		
	19 (	Credits, 20 Hours				22 (	Credits, 23 Hours			
	First S	Semester, Third Year				Second S	Semester, Third Year			
Course Category	Course Number	Course Name	Cre dit s/	Notes	Course Category	Course Number	Course Name	Cre	Notes	
			Hou rs					s/ Hou rs		
General Education	F06118	Community Service & Learning (5)	0/1		General Education	F06119	Community Service & Learning (6)	0/1		
General Education	F06093	Chinese(5)	2/2		General Education	F06094	Chinese(6)	2/2		
Major Required	F06412	Commercial Automatic	2/2		Major Required	F06411	Database Management System	3/3		
Major Required	F06414	Logistics Management	2/2		Major Required	F06413	Production Automation	2/2		
Major Required	F06436	Quality Management	3/3		Major Required	F06415	Financial Management	2/2		
Major Required	F06484	Marketing Management	3/3		Major Required	F06438	Production and Operations Management	3/3		
Major Required	F06512	Operations Research	3/3		Major Required	F06439	Facilities Planning	3/3		
Major Elective	F06885	Supply Chain Management	3/3		Major Elective	F06824	Quality Assurance	3/3		
Major Elective	F06892	Human Resources Management	3/3		Major Elective	F06887	Marketing Research	3/3		
Major Elective	F06986	IndustryAnalysis	3/3		Major Elective	F06901	Enterprise resource planning	3/3		
	24 (	Credits, 25 Hours			24 Credits, 25 Hours					
	First Se	emester, Fourth Year	Г		Second Semester, Fourth Year					
Course Category	Course Number	Course Name	Cre dit s/ Hou rs	Notes	Course Category	Course Number	Course Name	Cre dit s/ Hou rs	Notes	
General Education	F06120	Community Service & Learning (7)	0/1		General Education	F06121	Community Service & Learning (8)	0/1		
General Education	F06105	Technologica English Writing	2/2		General Education	F06106	Technological English Presentation	2/2		

Major Elective	F06827	Computer Aided Manufacturing	3/3		Major Elective	F06829	Project Management	3/3	
Major Elective	F06828	Total Quality Management	3/3		Major Elective	F06889	Management Case Study	3/3	
Major Elective	F06930	Enterprise Resource Planning System	3/3		Major Elective	F06941	ERP production module applications	3/3	
Major Elective	F06937	Strategy Management	3/3		Major Elective	F06966	Semester Internship(2)	9/9	
Major Elective	F06961	Semester Internship (1)	9/9						
23 Credits, 24 Hours			20 Credits, 21 Hours						