

**INDUSTRIAL & MANUFACTURING ENGINEERING (IME) STUDY PROGRAM****تخصص صناعية****Mechanical Engineering (IME) - 4<sup>th</sup> Year – Semester 7**

Course code	Course title	Credit hours	Pre-requisites
EM 372	Metrology & Instrumentation	3 (2-0-3)	EM 170
EM 371	Manufacturing Process Machine Design	3 (2-2-0)	EM 272
EM 262	Operations Research	3 (2-2-0)	None
EM 370	Analysis of Metal-Cutting Processes	3 (2-1-1)	EM 272
EE 386!!	Electrical Machines Technology for Industrial Systems	4(3-2-1)	EE 208!!
HU-133!!	Engineering Statistics ( <i>HU elective</i> )	2 (2-1-0)	None
<b>Total semester credit hours</b>		<b>18</b>	

**Mechanical Engineering (IME) - 5<sup>th</sup> Year – Semester 9**

Course code	Course title	Credit hours	Pre-requisites
EM 361	Facilities Design	3 (2-3-0)	EM 360
EM 363	Human Factors Engineering	3 (2-1-1)	EM 360
EM 366 <i>elective</i>	Maintenance Planning & Management	3 (2-1-1)	EM 362
EM 364	Systems Simulation	3 (2-2-1)	EM 262
EM 400-1	Graduation Project (1)	4 (3-0-3)	
HU-??!!	HU 135!! Sales & Marketing or HU 132!! Accounting )	2 (2-1-0)	None
<b>Total semester credit hours</b>		<b>18</b>	

رئيس قسم الهندسة الميكانيكية  
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