Sultan Qaboos University
Academic Degree and Degree Plan of Postgraduate Studies Program

College	Engineering		
Department	Mechanical and Industrial Engineering	**Degree**	Master of Science
Program- Major	Industrial Engineering	**Cohort**	From: 2023 to:2025
Specialization	Industrial Engineering	**Mode of Study**	☐Full time ☐ Part time 🔘 Both

Credit Required for Graduation	30	
Core Courses	**Thesis**	**Elective Courses**
9	6	15

Program Option		
🔘 **Courses and thesis**	☐ **Thesis Only**	☐ **Courses Only**
☐ **Courses & Examination**		

Core Courses		
Course Code	**Course Title**	**Credits**
ENGR6910 Or ENGR6913	Advanced Engineering Statistics Or Advance Eng. Mathematics (subject to advisor's approval)	3
ENGR6911	Engineering Management	3
MEIE6912	Engineering Economic Decision Analysis	3
Total		9

Elective Courses		
MEIE6001	Project Engineering and Management	3
MEIE6002	Quality, Reliability and Maintainability Engineering	3

Course Code	Course Title	Credits
MEIE6201	Productivity Analysis and Management	3
MEIE6202	Occupational Ergonomics	3
MEIE6206	Applied Optimization	3
MEIE6208	Reliability Engineering	3
MEIE6210	Scheduling and Sequencing	3
MEIE6211	Special Topics in IE	3
MEIE6212	Directed Studies	3
MEIE6214	Heuristic Search	3
MEIE6216	Logistics and Supply Chain Engineering	3
MEIE6218	Simulation Modeling and Analysis	3
MEIE6220	Sustainable Industrial Systems	3
MEIE6222	Healthcare Management	3
MEIE6224	Lean Six Sigma	3
MEIE6226	Inventory Planning and Management	3
Total		
Thesis		
Course Code	**Course Title**	**Credits**
MEIE7002	Master Thesis	6
Total		

Approval and Signatures		
Program Coordinator:	**Head Of Department:**	**Assistant Dean for Postgraduate Studies and Research:**
Dr. Hakan Gultekin	Dr. Nasr Al-Hinai	Dr. Majid Al Maharbi

- Notes
  - *New courses can be added.*
  - *Any course not included in the degree plan must be taken after getting an approval from the program coordinator.*
  - *With the approval of the program coordinator, students may take one 5000 level course as a program elective.*

Signature:
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