

# MS in Industrial Management (Evening Program) Curriculum Flow Chart (2015-16)

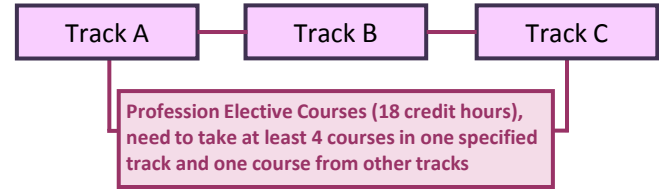
PLEASE SEE THE DEPARTMENT OFFICE (ADMINISTRATION BLDG., RM. 1612-1) IF YOU NEED ASSISTANCE OR CALL (+886-7-6577711 EXT. 5503)

## Education Goals

- Possess professional and practical expertise
- Expressing abilities
- Possess global industrial development analytical skills
- Think innovatively
- Possess problem solving skills
- Possess professional IT and software application skills

Required Courses: 12 credits

Elective Courses: 18 credits



Freshman Semester 1	Freshman Semester 2	Sophomore Semester 3	Sophomore Semester 4	
<b>Advanced topics in Industrial Management (3)</b>	<b>Technology English Writing (3)</b>	<b>Independent Study I (3)</b>	<b>Independent Study II (3)</b>	
<ul style="list-style-type: none"> <li>Operations Management (3 /A)</li> <li>Operations Research (3 /B)</li> <li>Human Resource Management (3 /C)</li> <li>Organization Theory and Management (3 /C)</li> <li>Research Methodology (3 /C)</li> <li>Logistics Management (3 /AB)</li> <li>Knowledge Management (3 /BC)</li> <li>Fuzzy Set Theory (3 /ABC)</li> <li>Quality Control Practice (2/A)</li> <li>Human / Machine Interface(2/C)</li> <li>Automated Inspection(2/A)</li> <li>Eletronic Commerce (2/B)</li> <li>Semi-Conductor Manufacturing Management(2 /A)</li> </ul>	<ul style="list-style-type: none"> <li>Statistical Data Analysis (3 /B)</li> <li>Experimental Design (3 /B)</li> <li>Technology Management(3/AC)</li> <li>Industrial Management Seminar (I) (1/ABC)</li> <li>Industrial Management Seminar (II) (1/ABC)</li> <li>Distribution Management(2/ABC)</li> <li>System Analysis and Design(2/B)</li> <li>Business Automation (2/B)</li> <li>Practice for ISO Quality Assurance(2/A)</li> <li>Enterprise Diagnosis (2/B)</li> <li>Manufacturing Process(2/A)</li> <li>Law of Industrial Safety and Hygiene(2/B)</li> <li>Software Applications to Industrial Management(2/ABC)</li> </ul>	<ul style="list-style-type: none"> <li>Experimental Design(3 /ABC)</li> <li>Neural Networks (3 /ABC)</li> <li>Heuristic Algorithms (3 /B)</li> <li>Strategic Management(3 /C)</li> <li>Labor issues (3 /C)</li> <li>Systems Simulation (3 /AB)</li> <li>Decision Analysis (3 /BC)</li> <li>Project Management (3 /ABC)</li> </ul>	<ul style="list-style-type: none"> <li>Innovation and Research Management (3 /AC)</li> <li>Management Information System (3 /ABC)</li> <li>Industrial Management Software Application (3 /ABC)</li> </ul>	<ul style="list-style-type: none"> <li>Total Quality Management (3 /A)</li> <li>The Operational Models of Electronic Enterprise (3 /ABC)</li> <li>Service Operations Management (3 /AC)</li> <li>Customer Relationship Management (3 /BC)</li> <li>Enterprise Resource Planning (3 /ABC)</li> </ul>
<p>---&gt; Courses in order recommended</p> <p><b>Total Required Credits: 30</b></p>				