

# MS in Industrial Management (Evening Program) Curriculum Flow Chart (2014-15)

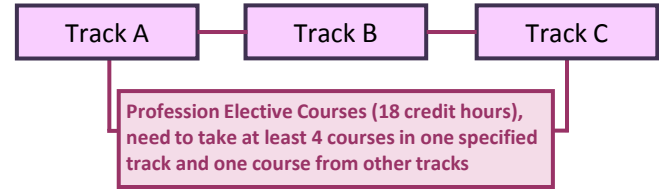
PLEASE SEE THE DEPARTMENT OFFICE (ADMINISTRATION BLDG., RM. 1612-1) IF YOU NEED ASSISTANCE OR CALL (+886-7-6577711 EXT. 5503)

## 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
<p><b>Advanced topics in Industrial Management (3)</b></p> <p>Operations Management (3 /A)</p> <p>Operations Research (3 /B)</p> <p>Human Resource Management (3 /C)</p> <p>Organization Theory and Management (3 /C)</p> <p>Research Methodology (3 /C)</p> <p>Logistics Management (3 /AB)</p> <p>Knowledge Management (3 /BC)</p> <p>Fuzzy Set Theory (3 /ABC)</p> <p>Quality Control Practice (2/A)</p> <p>Human / Machine Interface(2/C)</p> <p>Automated Inspection(2/A)</p> <p>Semi-Conductor Manufacturing Management(2 /A)</p> <p>Statistical Data Analysis (3 /B)</p> <p>Experimental Design (3 /B)</p> <p>Technology Management(3/AC)</p> <p>Industrial Management Seminar (I) (1/ABC)</p> <p>Industrial Management Seminar (II) (1/ABC)</p> <p>Distribution Management(2/ABC)</p> <p>System Analysis and Design(2/B)</p> <p>Business Automation (2/B)</p> <p>Practice for ISO Quality Assurance(2/A)</p> <p>Enterprise Diagnosis (2/B)</p> <p>Manufacturing Process(2/A)</p> <p>Law of Industrial Safety and Hygiene(2/B)</p>	<p><b>Technology English Writing (3)</b></p> <p>Experimental Design(3 /ABC)</p> <p>Neural Networks (3 /ABC)</p> <p>Heuristic Algorithms (3 /B)</p> <p>Strategic Management(3 /C)</p> <p>Labor issues (3 /C)</p> <p>Systems Simulation (3 /AB)</p> <p>Decision Analysis (3 /BC)</p> <p>Project Management (3 /ABC)</p>	<p><b>Independent Study I (3)</b></p> <p>Innovation and Research Management (3 /AC)</p> <p>Management Information System (3 /ABC)</p> <p>Industrial Management Software Application (3 /ABC)</p>	<p><b>Independent Study II (3)</b></p> <p>Total Quality Management (3 /A)</p> <p>The Operational Models of Electronic Enterprise (3 /ABC)</p> <p>Service Operations Management (3 /AC)</p> <p>Customer Relationship Management (3 /BC)</p> <p>Enterprise Resource Planning (3 /ABC)</p>
<p>---&gt; Courses in order recommended</p> <p><b>Total Required Credits: 30</b></p>			