

Module Synopses

Postgraduate Diploma in Engineering Management

Awarded by Nanyang Institute of Management

Total numbers of Modules - 6

Module & Description	Hours
<p>1. Technology Entrepreneurship and Innovation</p> <p>This module aims to provide students with a platform to develop and exercise their innovation and creativity in a practice-based environment. Students will learn to identify, assess and develop new or improve on existing business ideas, as well as to plan for these business ventures and enterprises effectively. At the end of the module, students will be able to develop a business plan encompassing market research and analysis, as well as marketing, and operations strategies.</p> <p>Assessment: 100% Coursework</p>	45
<p>2. Platform Business and Global Logistics</p> <p>A coverage of logistics operations in (An introduction to the role of logistics) global business, (including the economic and service characteristics of international transportation providers, the government's role,) its documentation and terms of sale used in international commerce, and the fundamentals of effective export and import management. Emphasis is placed on the international context (and the development of new approaches using IT to improve the flow and impact of information.) featuring globalisation with ubiquitous commerce</p> <p>Assessment: 100% Coursework</p>	45
<p>3. Cost Analysis for Decision Making</p> <p>To provide students with sound technical knowledge for understanding and preparing financial accounts. Foundation knowledge and understanding of the fundamental principles of accounting and finance will be taught. Students will also be introduced to simple financial budgeting/planning, cost allocation, time value of money, cash flow projection and other relevant concepts.</p> <p>Assessment: 100% Coursework</p>	45

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<p>4. Operations Management</p> <p>Familiarises students with the nature and processes of operations management and decision-making techniques that are used to overcome or minimise some common operating problems within organisations. This includes location, production design and specification, quality standards and control and productivity measurement. In this subject, a balance of service and manufacturing applications is maintained.</p> <p>Assessment: 100% Coursework</p>	45
<p>5. Project Management</p> <p>Students will understand the theories and processes of project management, the role the project manager, project team and champions play, and the range, scope and complexity of modern projects.</p> <p>Assessment: 100% Coursework</p>	45
<p>6. Organisational Performance</p> <p>This module considers organisational performance. Students are introduced to evaluating organisational performance and the external and internal measures that might be used. Students will analyse and evaluate organisations (at different levels) so that they can become more competitive. The module will consider the link between performance and organisational direction, goals and objectives. Students will reflect on how organisational objectives are met, the role of systems for managing performance, and the tools for managing performance.</p> <p>Assessment: 100% Coursework</p>	45