ABOUT THE DIPLOMA

Do you envision yourself playing a magical role in the nerve centre of a global business?

Look no further! The Diploma in Industrial and Operations Management (DIOM) arms you with the much needed industry relevant skills and knowledge to solve business problems creatively and keeps you up-to-date with the ever-changing world!

What does the DIOM have in store for you?
In this programme, you will acquire the expertise to design, improve and oversee companies' business operations and resource management by developing integrated solutions. Hands-on training in high-tech laboratories like our ErgoSCAPE Lab which is the first of its kind in Singapore. It is integrated with human factors workstations and a sound proof room with variable lighting and sound. This learning facility allows you to gain experience in fields such as human ergonomics, safety, and workplace design. You will also acquire technical skills in the use of specialized software. Be ready to take on a pivotal role to make things better, faster and cheaper for the business!

Industry attachments with well-known organisations such as PSA, Keppel FELS, Keppel Logistics, OCBC and Mapletree Investments will enable you to hone your practical skills by helping them develop solutions for their operational challenges.

Be involved in exciting projects with popular companies like NTUC, SOUP restaurant, Asia Pacific Breweries and Bodynits International. This real-world exposure will prepare you with valuable work experience and help kick-start your career upon graduation!
WHAT YOU WILL BE LEARN

**Year 1: 7 General Modules (28 MC)**
- A101 Science
- A113 Mathematics
- A207 Physics
- B102 Organizational Behavior
- E114 Mathematics for Engineering
- G101 Cognitive Processes and Problem Solving
- G107 Effective Communication

**Year 2: 10 Discipline Modules (40 MC)**
- C105 Introduction to Programming
- E112 Engineering Design
- E210 Operating Planning
- E211 Operation Planning II
- E212 Facilities Planning and Design
- E213 Engineering Cost Decisions
- E214 Statistical Methods for Engineering
- E216 Distribution and Transportation
- E217 Inventory Management
- E218 Manufacturing Planning and Control

**Year 3: 5 Specialization Modules (20 MC)**
- E326 Lean Manufacturing and Six Sigma
- E327 Human Factors Engineering
- E328 Project Management
- E332 Quality Control
- E333 Quality Management

**Industry Orientation Programme: 3 Compulsory Modules (28 MC)**
- G901 Character and Citizenship Education
- G301 Final Year Project / G311 Industry Project
- E931 Industry Immersion Programme

**Elective Module (4 MC)**
*Select 1 module from the following list:
- A211 Advanced Mathematics I – Differential Equations
- A212 Advanced Mathematics II - Linear Algebra
- B221 Human Resource Management
- B320 Business Finance
- E331 Supply Chain Management
- E334 Reliability Engineering

**Freely Chosen Module (4 MC)**
*Select 1 module from the entire range of list offered by the Schools and Centers in RP

FURTHER STUDIES

**COURSE DURATION**
To graduate with a diploma in DIOM, must complete a total of 124 modular credits.
You should be able to do this within three years of enrolment if you successfully complete on average 5 modules or its equivalent per semester.

**ENTRY REQUIREMENTS**
To be eligible for consideration, candidates can check out:
http://www.rp.edu.sg/Admissions.aspx

**CAREER OPPORTUNITIES**
DIOM graduates are in demand across diverse industries such as pharmaceutics, oil and gas, banking and finance, F&B, healthcare, facilities management. You will be well prepared to launch an operations management career in roles such as:
- Business Analyst
- Operations Executive
- Customer Service Manager
- Human Resource Executive
- Logistic Team Lead
- Safety and Planning Officer
- Quality Technologist
- Project and Facilities Manager
- Quantity Surveyor
- Cost and Procurement Specialist

You can pursue a management related degree in NUS, such as the B.Sc. in Project and Facilities Management (PFM).
DIOM graduates are exclusively granted 2 additional module exemptions (equivalent to 8MCs) on top of the general 20 MCs (half-year exemption) for all poly students under the NUS’s PFM program!
You may also pursue a business degree from NUS or SIM University. Don’t be surprised, we have graduate enrolled in NUS under School of Bachelor of Business Administration (Accountancy)!
Or you can consider an engineering degree either in NUS or NTU, in areas such as Industrial, Materials, Mechanical, Bio Engineering or Maritime Studies.
If you intend to do an overseas degree, you can consider among others, University of Birmingham (UK), University of Leeds (UK), University of Liverpool (UK), University of Adelaide (Australia), University of New South Wales (Australia) and the Australian National University (Australia).