ABOUT THE DIPLOMA

Bring the magic touch to smart business and efficient operations!

Look no further! The Diploma in Industrial and Operations Management (DIOM) equips you with relevant skills and knowledge to view at bigger picture, solve problems innovatively 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 oversee, design, and improve 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!

Undergo a 20-week Industry attachment programme and projects with well-known organisations such as PSA, Keppel FELS, Volvo, OCBC and Cummins will enable you to hone your practical skills by helping them develop solutions for their operational challenges.

Be involved in exciting national and international competitions. This real-world exposure will prepare you with valuable work experience and help kick-start your career upon graduation!

Republic Polytechnic
9 Woodlands Avenue 9
Singapore 738964
www.rp.edu.sg

Email: rowena_koh@rp.edu.sg
Direct: 6697 1883
Mainline: 6510 3000
Fax: 6415 1310

Course information:

Or scan this discover:

Visit us:
DIOM Facebook at https://www.facebook.com/rpdiom
DIOM Instagram at https://instagram.com/rp_diom
DIOM Twitter at https://twitter.com/rp_diom
WHAT YOU WILL BE LEARN

6 General Modules (24 MC)
A113 Mathematics
A107 Physics
B102 Organizational Behavior
E114 Mathematics for Engineering
G101 Cognitive Processes and Problem Solving
G107 Effective Communication

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

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 Project
E931 Industry Immersion Programme

Elective Module (4 MC)
Select 1 module from the following list:
A211 Advanced Mathematics – 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

COURSE DURATION

To graduate with a diploma in DIOM, must complete a total of 120 modular credits.

You should be able to do this within three years of enrollment 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

DIOM graduates are in demand across diverse industries such as pharmaceuticals, 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 Executive
- Costing Specialist
- Customer Service Manager
- Human Resource Executive
- Logistics Team Lead
- Operations Executive
- Planning & Safety Officer
- Product Quality Technologist
- Project Manager
- Procurement Specialist
- Shipping Coordinator
- Industrial Engineering Specialist
- Facilities Officer
- Inventory Planner

FURTHER STUDIES

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 Adelaide (Australia), University of New South Wales (Australia) and the Australian National University (Australia).

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