Graduate Certificate in Business Digitalisation (GCBD)
Developed and awarded by Singapore Institute of Management, Singapore

Schedule for GCBD

January Intake	May Intake	September Intake
Cloud Computing- Concept and Applications	Business Analytics Concepts, Principles and Application	Strategies for Business Sustainability

Modules Outlines for GCBD

Cloud Computing- Concept and Applications

This module offers a conceptual introduction and practical implementation of cloud computing. Topics include types of cloud service models (e.g., IaaS, PaaS, SaaS), cloud infrastructure and network architecture, virtual machines and containers, cloud storage and automation, cloud security and identity management. Applications of cloud computing such as parallel processing, microservices, controller-based management systems, and edge computing for Industrial Internet of Things will also be discussed. After completing this module, students should be able to prepare for a Cloud Practitioner exam and get a certification.

Business Analytics Concepts, Principles and Application

This module covers what business analytics is, why it is valuable, what resources are needed to support business analytics, and how business analytics is applied. It illustrates three key types of analytics (descriptive, prescriptive and predictive), identifies common challenges that can be addressed by business analytics, and offers guidance for undertaking business analytics projects.

Strategies for Business Sustainability

This module gives an overview of Environmental, Social and Governance (ESG) matters that are vital to decision-making. This module helps students to reiterate concepts surrounding the external analysis that forms an important part of the 'strategic analysis' stage of the strategic planning process and to refocus their energy on strategic planning and control of future long-term success.