

BUS362 IT-Enabled Business Transformation

Level: 3

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY SEMESTER

BUS362 is presented in two (2) versions: BLENDED Learning or ONLINE Learning. Students will need to choose one version when they register for the course.

BUS362 - BLENDED Learning version: In the blended learning version, the course is conducted with the flip-classroom approach. Students will have face-to-face classroom sessions and these will be supported by online using interactive study materials found on Canvas, SUSS' learning management system. Students will get themselves prepared for the face-to-face classroom sessions by reading and interacting with the online study materials and chunked lectures. They will then attend the face-to-face classroom sessions where they will apply what they learn online in classroom activities and instructors will facilitate discussions. If the course has an exam component, this will be administered on-campus.

BUS362 - ONLINE Learning version: In the online learning version, the course is done EXCLUSIVELY online, using interactive study materials made available on Canvas, SUSS' learning management system. Students receive guidance and support from online instructors via weekly synchronous sessions, discussion forums and emails. If the course has an exam component, this will be administered on-campus.

Synopsis:

Information technology (IT) is so pertinent today that it has transformed the way work and business are conducted. Contemporary business managers will need to know how they can leverage on IT at a strategic level to advance their business. BUS362 IT-enabled Business Transformation presents students with an understanding of how IT can hinder, help or create opportunities for their organisations. Topics include: information systems strategy and organisational strategy, strategic use of information resource, IT-enabled work, IT-enabled business processes, information systems architecture and infrastructure, IT sourcing and governance, managing IT investments and projects, introduction to business analytics and knowledge management. Such knowledge will serve to better equip students in implementing IT-enabled business transformation.

Topics:

- The Information Systems Strategy Triangle
- Strategic Use of Information Resources
- Organisational Strategy and Information Systems
- Digital Systems and the Design of Work
- Information Systems and Business Transformation
- Architecture and Infrastructure
- The Business of Information Technology
- Governance of the Information Systems Organisation

- Information Systems Sourcing
- Managing IT Projects
- Business Intelligence, Knowledge Management and Analytics
- Privacy and Ethical Consideration in Information Management

Textbooks:

Keri E. Pearlson, Carol S. Saunders, Dennis F. Galletta (2016): Managing and Using Information Systems: A Strategic Approach 6th John Wiley
ISBN-13: 9781119255215

Keri E. Pearlson, Carol S. Saunders, Dennis F. Galletta (2016): Managing and Using Information Systems: A Strategic Approach 6th John Wiley
ISBN-13: 9781119255215-AA

Learning Outcome:

- Formulate information systems strategies to deliver business value.
- Analyse business environments, strategies, and the use of IS by organizations.
- Appraise the relationship between IT and the organisation.
- Design business process and IT architecture.
- Discuss the sourcing and governance of information systems.
- Organise the management of information systems projects.
- Describe recent developments in the strategic use of information systems.
- Examine the financial and ethical considerations of information systems.
- Apply essential knowledge and interpersonal skills to work effectively in a team.
- Develop written proficiency.
- Practice giving presentations in areas related to IT-enabled business transformation.

Assessment Strategies:

A - Blended Version

Continuous Assessment Component	Weightage (%)
PRE-COURSE QUIZ	2
PRE-CLASS QUIZ	2
PRE-CLASS QUIZ	2
PARTICIPATION	6
GROUP BASED ASSIGNMENT	38
Sub-Total	50

Examinable Component	Weightage (%)
Written Exam	50
Sub-Total	50

Weightage Total 100

B - Online Version

Continuous Assessment Component	Weightage (%)
PRE-COURSE QUIZ	1
PRE-CLASS QUIZ	1
PRE-CLASS QUIZ	1
PRE-CLASS QUIZ	1
PRE-CLASS QUIZ	1
GRADED DISCUSSION	7
GRADED DISCUSSION	8
GROUP-BASED ASSIGNMENT	30
Sub-Total	50

Examinable Component	Weightage (%)
Written Exam	50
Sub-Total	50

Weightage Total **100**