

MGT564 Managing Digital Transformation in Operations

Level: 5

Credit Units: 2.5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JAN

Synopsis:

Digital transformation involves the proactive and continual adaptation of an organisation and its business models in the ever-changing market environment. The goal of the digital transformation process is to build on a strong operational foundation to evolve and respond to unpredictable customer expectations, changing stakeholder interests, and fluctuating global market conditions.

MGT564 Managing Digital Transformation in Operations examines fundamental operations concepts, tools, and frameworks and explores the impact of digitalisation on operations management practices and business success. With a particular focus on new disruptive trends and technologies, students will learn how digitalisation can increase organisational efficiency and performance through scaling and speeding, while focusing on delivering personalised and quality outcomes for all the vested stakeholders in the business ecosystem.

Topics:

- Fundamentals of Operations Management
- A Digital Operations Framework
- Digitalisation for Operational and Financial Performance
- The Value of Digitalisation: Delivering Scale, Speed, and Quality
- Disruptive Technologies for Operations Management
- A Digital Transformation Roadmap

Learning Outcome:

- Appraise the fundamentals of operations management
- Critique the various perspectives of the digital operations framework
- Estimate the effects of digitalisation on operational and financial performance
- Evaluate the value of digitalisation for scaling up and speeding up
- Assemble digital options for quality improvement
- Prioritise new disruptive trends and technologies in the context of operations management
- Recommend a digital transformation roadmap

Assessment Strategies - Regular Semester (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-CLASS QUIZ 1	10
	PARTICIPATION 1	15
	GROUP BASED ASSIGNMENT 1	25
Overall Examinable	ECA	50

Components	
Total	100

*The information listed is subject to review and change.