



## UNIVERSITI TEKNOLOGI MARA

### ASM656: DIGITAL INNOVATION AND SOCIETY

<b>Course Name (English)</b>	DIGITAL INNOVATION AND SOCIETY <b>APPROVED</b>
<b>Course Code</b>	ASM656
<b>MQF Credit</b>	4
<b>Course Description</b>	This course will equip students with knowledge, skills and tools for understanding and managing complex and often turbulent processes of digital change and innovation in a wide variety of organizations, and how the innovations transform societies and economies. As digital technologies continuously and rapidly evolve, they affect organizations, people and society in new and surprising ways. To handle these changes and challenges of digitalization of already computerized systems require the ability to make informed and timely decisions and adjustments during strategic, tactical, organizational and practical tasks in management and governance. This relies on a deep understanding of people, technology and digital change. Understanding the philosophies and theories is fundamental for critical analysis of the changes
<b>Transferable Skills</b>	Digital skill and soft skill
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Case Study, Discussion
<b>CLO</b>	CLO1 Understand how science and technology shape the society and economy. CLO2 Discuss the nature of technology and digital innovations and their critical issues. CLO3 Evaluate digital innovations phenomena and their impacts to society
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Digital Innovation Foundations and Motivations</b> 1.1) Public policy and new forms of economy in the digital age 1.2) Civic engagement in the digital age 1.3) Digital Innovation Actors and Stakeholders 1.4) Digital Futures and the Sharing Economy	
<b>2. Digital Innovation, IT and the Society</b> 2.1) Disruptive and Open Innovations 2.2) IT and Innovations 2.3) Diffusion of Innovations 2.4) Innovations for the Public Sector	
<b>3. Digital Innovations Development</b> 3.1) Innovating with Social Media 3.2) Innovating Mindfully (or Mindlessly) 3.3) Making Sense of Innovation 3.4) Implementing Innovations	
<b>4. Digital Access and Open Data</b> 4.1) Education, Employment, and Digital Access 4.2) Open Source and Data Access 4.3) Digital Technology, Big Data 4.4) Digital Futures & Big Data Ethics	

Assessment Breakdown		%		
Continuous Assessment		100.00%		

  

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Assignment	20%	CLO1
	Case Study	Case Study	20%	CLO2
	Final Project	Final Project	30%	CLO3
	Test	Test	30%	CLO1

  

Reading List	Recommended Text	• <i>Druicã, E. (Ed.). (2012). Digital Economy Innovations and Impacts on Society. IGI Global.</i>
Article/Paper List	Recommended Article/Paper Resources	• Hanna, N. K. (2016). Mastering digital transformation: Towards a smarter society, economy, city and nation. Emerald Group Publishing.
Other References	This Course does not have any other resources	