18

Course title	Digital Infrastructure for Business				
Course code	COMP226				
Course type	Theoretical, Compulsory Course				
Level	Undergraduate				
Year / Semester	Year 2 Semester 4				
Teacher's name	Poleou Lazou Artemis				
ECTS	6	Lectures / week	3	Laboratories / week	
Course purpose and objectives	This course provides an introduction to the digital infrastructures upon which business, government and wider society increasingly depend. These infrastructures include the Internet and the various applications and services that it supports and enables, such as the World Wide Web, as well as other more specialised systems and services. It considers how digital infrastructures are established and evolve, their design, economics, and how they support innovation and business change.				
Learning outcomes	After the completion of the course students are expected to: • Be able to describe the concept of an infrastructure and relate it to digital systems and services. • Discuss how digital infrastructures are structured and how they are used. • Identify and apply theories and models to understand the evolution of digital infrastructures and their roles in fostering innovation. • Analyse three contemporary examples of digital infrastructures in use: cloud computing, mobile services and social media, using relevant examples • Understand how and why some digital infrastructures become globally pervasive. • Be able to assess relevant issues of public policy, laws and regulations in regional, national and international settings. • Be able to apply concepts and theories learnt to other emergent digital infrastructures.				
Prerequisites	COMP112 Introduction to Information Systems		Required	None	
Course content	• Introductory understanding of the concept of an infrastructure: Digital infrastructures that underpin business, Government and social life - including the Internet and World Wide Web, The emergence of				