

Course Outline

Title: EMERGING TECHNOLOGIES IN BUSINESS

Code: ITECH3214

Formerly: CP795

Faculty / Portfolio: Faculty of Science

Program Level:

	AQF Level of Program					
	5	6	7	8	9	10
Level						
Introductory						
Intermediate						
Advanced			✓			

Pre-requisites: (At least 8 computing courses)

Co-requisites: Nil

Exclusions: (CP795 and CP868 and ITECH5400 and ITECH6214)

Progress Units: 15

ASCED Code: 020113

Learning Outcomes:

Knowledge:

- K1.** identify e-business models and use of wireless technologies in business;
- K2.** illustrate various technologies used to integrate information systems with front end technologies;
- K3.** demonstrate the role of Internet Service Providers (ISPs) in providing Internet access to businesses and consumers;
- K4.** demonstrate current mobile technologies and associated devices;

Skills:

- S1.** analyse business case studies to provide strategies for employing emerging technologies to solve business problems;
- S2.** apply new knowledge to analyse real world business scenarios;
- S3.** research and deliver professional standard presentations and reports;

Application of knowledge and skills:

- A1.** apply knowledge of emerging technologies to enhance business performance;

Values and Graduate Attributes:

Values:

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ITECH3214 EMERGING TECHNOLOGIES IN BUSINESS

- V1. appreciate the ethical, social, and legal implications of using emerging technologies in organisations.

Graduate Attributes:

Attribute	Brief Description	Focus
Continuous Learning	Develop initiative and self-motivation with regards to latest developments in new technologies.	High
Self Reliance	Students will demonstrate self-management skills to develop their technical expertise to improve business activities.	Medium
Engaged Citizenship	Students will deploy latest technologies to business models with their theoretical and technical knowledge.	High
Social Responsibility	Students will investigate social, ethical and technical issues and apply those to business models.	Medium

Content:

This course takes a high level view of emerging technologies that are used in business environments. This area of technology is continually changing and as such the content will change to reflect current trends.

Topics may include:

- e-Business models.
- Emerging web technologies.
- Wireless technologies.
- Internet infrastructure and providers.
- Technology integration.
- Mobile technologies and devices.

Assessment:

Learning Outcomes Assessed	Assessment Task	Assessment Type	Weighting
K2, K3, K4, S1, S3, A1	Participate in lectures, class activities, tutorials, self-directed or group exploration.	Exercises/ Assignments	40 - 50%
K1, K4, S1, S2, A1	Attend lectures, read, summarise and integrate theoretical aspects of the course.	Tests/Examination(s)	50 - 60%

Adopted Reference Style:

APA

Presentation of Academic Work:

<https://federation.edu.au/students/assistance-support-and-services/academic-support/general-guide-for-the-presentation-of-academic-work>