Information Communication Technology

Bridging Unit Challenge Points	Activity
	You need 300 points gained across all three/four of your subject choices to 'graduate'; 400 points will mean a 'merit'; 500 points will mean a 'distinction'. This will be referred to in your UCAS or other applications.
20	**Task:** Research and word process an essay of not less than 250 words entitled: **"The Effect of ICT on Working Environments"** Working with ICT can be a dangerous activity, particularly if you are doing it full time in your working life. Research different health and safety issues related to working with ICT and discuss the impact and consequences they may have on an individual who is teleworking. Don't forget to explain what teleworking is, too.
40	**Task:** Why is Cyber Security policies essential in organisations? – The importance of protection information for confidentiality, integrity, availability. – Discuss in details the Types of cyber security incidents : • Unauthorised access (e.g. Hacking, escalation of privileges) • Information disclosure (e.g. Personal information, government information) • Modification of data • Inaccessible data (e.g. Account lockout, denial of service) • Destruction (e.g. Malware, deliberate erasure) • Theft (e.g. Identify, finance, military service)
60	**E-Commerce Website comparison** The Internet has completely changed the way that we shop. As customers we have more choice and can find the best prices without having to leave our homes. This creates a big problem for the shops – how do they compete with the other shops and make sure that you buy from them? One of the most important parts of this is having a well-designed website that captures the attention of the shopper and is easy to use. **Task:** For this project you will choose two online shops of your choice (e.g. www.play.com, www.topshop.co.uk) and write a report that compares the main features of each site and explains which the best online store is. What do you need to compare? 1. How you find products (how easy/difficult) 2. What information is shown for each product (description, stock, price etc.) 3. How you use the shopping basket

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	4. How you sign up to the website 5. What techniques they use to attract and keep customers (offers, tracking cookies etc)
80	**Task:** Create a booklet which explains to an adult business audience how social media can be used by businesses. You should cover how social media can be used to interact with customers and promote business products and/or services. You should also cover ways in which social media can be used to target a specific audience and audience profiles of different social media sites. You should also include a section which covers the risks and issues associated with social media.
100	**Task:** Discuss the characteristics and motivations of each of these types of attackers : • Hacktivist • Cybercriminal Insider (e.g. Disgruntled employee) • Script kiddie (e.g. Bored youth) • Vulnerability broker (e.g. Hacking as a business) • Scammers • Phishers • Cyber-terrorists Impacts of cyber security incidents: • Discuss five real-life examples of cyber security incidents which occur in the last few years and its impact to the affected organisations.