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**Brief 4:Communications Technology Essay / integrated with**

**Brief 7: I.C.T. Practical Skills Demo**

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| **Module Title:** Communications | **Code:** 5N0690 |
| **Tutor Milica Traljic** | **Weighting:** 20%(10% ICT Essay; 10% ICT Skills Demo) |
| **Issue Date**: As per Moodle | **Due Date:** As per Moodle |

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| **Student Name:** | **Class Group:** |

**Learning Outcomes Covered: 1, 2, 6, 7, 9, 10 and 11.**

**There are 2 parts to this assessment.**

Part 1 is an essay and part 2 is a skill demonstration.

**Part 1 - Essay Guidelines:**

1. You will research and word process a short essay on Communications Technology and areas of legislation.
2. Your essay must be word processed and have an essay title.
3. Your essay must include a brief introduction and a brief conclusion.
4. You must use size 12 font, 1.5 line spacing.
5. Submit your essay through Moodle by the deadline date and time.
6. It must be approximately **800** words (excluding bibliography)
7. Spelling, grammar, and punctuation should be of excellent standard.
8. Answers to all questions must be supported by research, supported by in-text citation and a bibliography.
9. Only **Irish sources of legislation** may be used for your research.

**Assignment Instructions:**

**SECTION A - Essay.**

You must write and research an essay and include the following discussion points within it:

1. Identify and briefly explain **3 different types/ aspects** of communications technology that are used in your vocational area.

In choosing your 3 examples, ensure you choose from different categories of technology (e.g. Software, Hardware, Telecoms, Audio-Visual, Devices, Programming etc.,).

**For each of your 3 examples**,

1. Ensure to briefly name the type of technology (0.25 marks).
2. Explain briefly what it does and how it benefits communications (0.5 marks).
3. Briefly explain any challenges it might pose (0.25 marks)

3 marks. Approx. 200 - 250 words in total.

1. Identify 1 positive and 1 negative impact that communication technology brings to our **private lives**. Private life relates to your personal and family life.

(1 mark. Approx 75 – 80 words)

1. Identify 1 positive and 1 negative impact that communication technology brings to **public lives.** Public life pertains to society and community.

(1 mark. Approx 75 - 80 words)

1. Examine 2 **current developments** in communication technologies that are relevant to your vocational area. Ensure to clearly identify them, provide specific examples and explain how each may benefit technological communication.

(2 mark. Approx 150 – 175 words)

1. Explain the **Safety, Health & Welfare at Work Act** **2005,** to include,
   1. A brief overview of its main provisions
   2. Identify 1 key potential health and safety issue within your vocational area.

(1 mark. Approx 75- 80 words)

1. Provide a brief understanding of **1 communication related Irish legislation from the following list:**
   1. Freedom of Information
   2. General Data Provision Regulation.
   3. The Harassment Harmful Communications and Related Offences Act 2020 (Coco’s Law)
   4. The Online Safety and Media Regulation Act 2022​
   5. EU Digital Services Act
   6. EU Digital Markets Act​

Ensure to quote the most recent act name in full as part of your answer.

(1 mark. Approx 75– 80 words)

**SECTION B – ICT Skills Demo**

**Upon completion of your essay, you will be asked to complete the following tasks, IN-CLASS ONLY, on a date provided by your tutor.**

1. Type the following sentence into ChatGPT open AI internet site.

*“In 100 words, identify 1 positive and 1 negative impact that communication technology brings to public lives”.*

(1.0 mark)

1. Copy and paste the ChatGPT answer into to the appropriate section at the end of this document.

(1.0 mark.)

1. Identify 1 advantage and 1 disadvantage of using this AI generated method answer versus your answer from question 3 in ICT essay (above).

(1.0 mark)

1. Research an article about the limitations of Artificial Intelligence and reference the source of your article in the relevant section below, using a working link. (i.e. that opens when you click into it)

(1.0 mark)

1. Go to your Moodle Forum, as set up by your Tutor. Using your researched article in question 4 above, reply to the forum, using your own words, by typing 1 limitation of using AI (25 words max) and paste the link of your research as per question 4 underneath your comment.

(2.0 marks)

1. Find the result of the Manchester United v Liverpool premier league match held in Old Trafford on 1st September 2024. Select an image of the result and paste it into the relevant section in this document.

(1.5 marks)

1. You are to download and complete the **ICT Demo Skills checklist** from your Moodle page and tick each relevant box when completed. You must save and rename this completed checklist by adding your own name to the title e.g. ICT Demo Checklist *Milica Traljic (insert own name)*.

(1.5 marks)

1. You then must email your completed checklist to your Tutor ([mtraljic.dbc@lmetb.ie](mailto:mtraljic.dbc@lmetb.ie)) using appropriate professional email etiquette.

(1.0 mark)

**Communications Technology Essay Marking Scheme**

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| --- | --- |
| **Criteria** | **Potential Mark** |
| Summary of 3 aspects of communications technology | 3.0 |
| Clear understanding of impact of CT on private life | 1.0 |
| Clear understanding of impact of CT on public life | 1.0 |
| Knowledge of current developments in Communications and Information Technology | 2.0 |
| Understanding of relevant Health & Safety legislation | 1.0 |
| Understanding of 1 relevant Communications legislation | 1.0 |
| Quality and appropriate essay introduction and conclusion | 1.0 |
| **Total Marks** | **10** |

**ICT Skills Demonstration Marking Scheme**

|  |  |
| --- | --- |
| **Criteria** | **Potential Mark** |
| Task 1 – ChatGPT research and answer | 1.0 |
| Task 2 – ChatGPT response and paste | 1.0 |
| Task 3 – Advantage / disadvantage of using AI (0.5 each) | 1.0 |
| Task 4 – Limitation of AI article research | 1.0 |
| Task 5 – Moodle Forum | 2.0 |
| Task 6 – Insert image to document | 1.5 |
| Task 7 – complete ICT skills checklist | 1.5 |
| Task 8 – Email completed checklist to tutor | 1.0 |
| **Total Marks** | **10** |

**SECTION FOR INPUTTING AND PASTING RELEVANT ANSWERS**

**Section 1 – ICT Essay completion**

**Plan – 3 Communication Types:**

**- Discord(Software)**

* Benefit: Allows easy communication amongst peers & people online.
* Challenge: No filters, unsecure for private work.

**- Unreal Engine(Programming)**

* Benefit: Provides the means to write code & comment what it does for collaborators to understand
* Challenge: Depending on workflow, it can easily be mismanaged if everyone is not aligned.

**- Mobile Phones(Telephone)**

* Benefit: You can contact anyone from any point on the globe with little to no issues.
* Challenges: Designed to be easily distracting.

**Section 2 – ICT Skills Demonstration**

**Question 2 – ChatGPT response**

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**Question 3 – Advantage and Disadvantage of using AI versus self generated answer.**

**Question 4 – Research on AI limitations – insert source of article**

**Question 6 – Screenshot of match result**