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MATRIC NO: CI200018

TOPIC 1: INTRODUCTION TO CAREER PATH (DETERMINING YOUR CAREER PATH)

Week 1 (Part A)

B1	<u>Listening</u> Can understand most of the recorded audio material on topics of personal interest delivered in clear standard speech.
	<u>Writing</u> Can relay in writing specific information given in a straightforward recorded message provided that the topics concerned are familiar and the delivery is slow and clear.
	<u>Speaking</u> Can briefly give reasons and explanations for opinions.

Exercise 1

Watch the video:

<https://www.youtube.com/watch?v=DdXLlJV6kM4>

1. Soon, many jobs will be automated i.e., performed by machines, robots, or artificial intelligence. Based on the video,
 - list the jobs that will still be available despite the existence of AI,
 - provide the reasons for the demands for these jobs, and
 - list the skills related to these jobs.

Jobs	Reasons	➤ Skills
Data Analyst	Analyse database based on system requirement that making sense of all data generated	<ul style="list-style-type: none">➤ Analysing and manipulation➤ Technical➤ Communication➤ Problem-Solving➤ Continuous Learning
Computer and Mathematical	Used frequently in system maintenance and monitoring, which includes programme or system decision-making.	<ul style="list-style-type: none">➤ Communication➤ Creative and Innovative➤ Project Management➤ Technical➤ Programming➤ Analytical Thinking➤ Logical Reasoning➤ Problem-Solving

Architects and engineering	Innovation and creativity are still required to tackle complex problems and design new things.	<ul style="list-style-type: none"> ➤ Adaptability ➤ Technical ➤ Project Management ➤ Leadership ➤ Time Management/Project Management ➤ Creative Thinking ➤ Problem-Solving ➤ Communication
Specialized Salespeople (Salesman)	Have the capacity to communicate with customers about the products offered by your organisation, and be educated about emerging technologies to boost sales.	<ul style="list-style-type: none"> ➤ Strategic Thinking ➤ Time Management ➤ Persistence ➤ Resilience ➤ Negotiations ➤ Business Knowledge ➤ Relationship Building ➤ Communication
Senior Managers	Guide businesses through times of change. Additionally, they are essential in dealing with technological advancements and other changes in the company environment.	<ul style="list-style-type: none"> ➤ Leadership ➤ Strategic Thinking ➤ Communication Skill ➤ Collaboration ➤ Adaptability ➤ Financial Management ➤ Time Management ➤ Problem-Solving
Product Designers	To develop a fresh concept or design to address problems that arise and which humans may solve using their imagination, creative ideas are required.	<ul style="list-style-type: none"> ➤ Project Management ➤ Analytical ➤ Adaptability ➤ Problem-Solving ➤ Leadership ➤ Designing ➤ Researching ➤ Sketching and prototyping ➤ Technical
Human Resources and Organizational Development Specialist	Technology development may lead to the disappearance of some jobs while creating new ones that require workers to accomplish them. This endeavour will aid in retraining personnel to do their duties and identify those who are capable of doing so.	<ul style="list-style-type: none"> ➤ Project Management ➤ Change Management ➤ Training and Development ➤ Analysing ➤ Legal Knowledge ➤ Communication ➤ Interpersonal ➤ Conflict resolution ➤ Strategic Thinking

Regulatory and Government Relations Experts	To assist them adopt the technology, they will require people who are familiar with the legislation and have connections to the government.	➤ Political Awareness ➤ Negotiation ➤ Analytical ➤ Relationship Building ➤ Legal Knowledge ➤ Regulatory Knowledge ➤ Strategic Thinking ➤ Communication
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2. List the skills that you have and how you have used them. Once you have completed the table provided, share the information with your group members.

Skills	How have you used them?
Communication	<ul style="list-style-type: none"> • Describe your thoughts and the answer to any issues that have been brought up. • Share your thoughts on the suggested proposal.
Project Management	<ul style="list-style-type: none"> • To assure the success of the project, establish defined goals and a strategy. • Always follow to the project's schedule. • Make sure the team follows the instructions and completes all of the assigned tasks.
Technical	<ul style="list-style-type: none"> • Figuring out the fundamental issue on our own. • Having strong fundamentals to create an idea based on the project
Adaptability	<ul style="list-style-type: none"> • Unexpected adjustments to the requirements that must be met. • Learn updated knowledge that is the latest in the world. • Utilising a project's different methodology and technique.

3. Based on the jobs listed in (1) and the skills you have listed in (2), identify one profession that is relevant for you.

The most relevant profession: **Architects and engineering**

Week 1 (Part B)

B2	<u>Listening</u> Can understand most recorded audio material delivered in the standard form of the language and can identify the speaker's viewpoints. <u>Speaking</u>
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	Can develop a clear argument, expanding and supporting his/her viewpoints with subsidiary points
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Exercise 2

Watch the video on the following link:

<https://www.youtube.com/watch?v=oai1JX-2ruA>

While watching, answer the following questions. You will watch this video twice.

The jobs of tomorrow will be impacted by Artificial Intelligence.

- What are the skills that humans can develop to compliment AI?
 - Leadership
 - Communication
 - Storytelling
 - Empathy
 - Creativity
 - Imagination
- How can these skills differentiate humans from AI?
 - These skills can differentiate humans apart from AI due to our capacity for individuality. The combination of these abilities contributes to our increased value among other people. While AI has a wealth of knowledge that has been recorded as data, all of that knowledge comes from our combined abilities, and the technology has a long way to go before it can compete with humans.
- In terms of education, how can you compete effectively with AI?
 - Studying and taking classes will help me become a better version of myself, positioning me for a brighter future. Attends a class to improve our problem-solving abilities might enable us to come up with an outside-the-box solution that an AI cannot solve. When the skills are combined, Huma becomes even more special and precious.
- What are the skills that you have in relation to the skills discussed above?
 - Leadership
 - Communication
 - Empathy
- What profession is relevant to you?
 - Security Engineer
- How would your chosen profession compete with AI?
 - In leadership, AI is capable of analysing large amounts of data, but human leadership may assist followers become more motivated, can support them emotionally, can provide different levels of guidance that AI cannot currently do.
 - In communication, therefore they need to be explained in a way that makes sense to them. The AI has the capacity to simplify things, but they are unaware of the level of human intelligence required to comprehend the results they create.

Week 1 (Part C)

B2	<u>Listening</u> Can understand recorded audio material, including some non-standard usage, and identify implicit attitudes.
	<u>Speaking</u> Can develop an argument appropriately highlighting significant points.

Exercise 3

Watch the video:

<https://www.youtube.com/watch?v=f0RyaAsVNGU>

a) Discuss the following questions with your group members.

- Why is having knowledge alone not enough in the 21st century?
 - Most of our everyday tasks today depend on technology, and since technology has changed over time, students have had to completely prepare in terms of skills, knowledge, and ability to adapt to new difficulties and situations.
- What are the skills required in 21st century learning?
 - Creative
 - Problem-Solving
 - Decision Making
 - Critical Thinking
 - Communication
 - Collaborating
 - ICT Literacy
 - Information Literacy
 - Adaptability
- What is the speaker's attitude towards this topic?
 - The speakers place a high priority on the development of abilities in 21st century learning since these talents help individuals or students stand out from the crowd and be unique while also preparing them for a busy and challenging world.

b) Do you have all the skills mentioned in the video?

- List five top skills that you have, and how you have used these skills.
 - Communication skill is frequently used to discuss the assignment, offer opinions, and debate various concepts. Additionally, it used to command attention during idea-sharing sessions.
 - Problem-Solving skill is utilised when a problem arises unexpectedly. This skill is typically used when there is an error in my coding or when a problem arises unexpectedly while completing an assignment, as well as for some daily tasks that call for the ability to solve problems.

- Decision-Making Skill is used when there are only a few options to choose from that could have an impact on the future or alter the circumstances. This talent is essential because it could have an impact on how well we do.
- Adaptability Skill is particularly helpful in a variety of situations since it can identify the current circumstance and fit in. Many different types of technology have been developed recently. For instance, a change in leadership may have an impact on the team's performance since various people may have different leadership philosophies. The team members must swiftly adjust to these philosophies, or it may have an adverse effect on the team's performance.
- How are these skills important at the workplace?
 - Because people tend to pay attention to unique things, our combination of expertise allows us to stand out from the crowd and make us special. This ability aids in our thorough preparation for any difficulty that might sporadically arise.
- Identify the profession that requires these skills.

The profession: Security Analyst