

Assignment 2

by Dylan Bell

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Assignment 2

Learning in the digital era

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TASK 1

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Strengths

Strong Structure and Organization

Logically organizing content so that it has an introduction, body, and conclusion to make it easy for any reader to follow.

For Example, each point should build on the previous one to create well-structured arguments with transitions between points.

Critical Thinking and Analysis

The ability to analyse information critically and to present reasoned arguments, usually in academic writing or essays.

For Example, that examines diverging opinions about a controversy, underpinned with facts and logical conclusions.

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Weaknesses

Attention to Detail:

While overlooking small errors or inconsistencies in the writing tasks can lower the general quality of such papers. For example, minor errors can make the writing seem careless: inconsistent formatting, which is the font size, spacing, and margins. Also, unclear or confusing language will make it difficult for your reader to understand your points.

Fear of Failure:

Another one of the weaknesses I have is a fear of failure or fear of making mistakes, which mostly clogs me from being able to handle constructive criticism or setbacks. Sometimes this may lead to procrastination or avoidance as well, both of which can affect how I handle very well some constructive criticism or setbacks.

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Traits

Adaptability

Adaptability is the process of adjusting and adapting in response to changing environments, education challenges, and social change. Entering university is an adjustment for most students who may soon face the real test of adapting to the new city after moving from overseas, managing multiple social expectations, and striking a new form of pedagogy and academic expectancies. Students in particular undergo such transitions between school and university, where they have been taken from a structured environment into one of self-regulated learning. Adapting is also accepting the new technology learning tools, such as the online learning system, thriving in hybrid or distance learning environments.

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Resilience

Resilience is having the guts to face unpleasant experiences and learn from those experiences in the process. Often, Coping mechanisms can be developed, these can include confiding in friends or Family, mindfulness exercises, or breaking down tasks into smaller components. An example would be a student who has failed a test who would use this experience to discover weaknesses they might have, searching for further assistance, in order to increase their performances in the future.

Independence

Independence is making decisions about matters concerning you and your life: what you want to do, when you want to do it, and how your responsibilities are progressing-all of these are matters one will typically be dealing with on their own. One aspect of this is paid work features on a little level where a student must prepare meals or practice work-life balance. An example is someone managing their time and making their own schedule for All the things they need to do that day.

TASK 2 - A

Reflection and goals

An objective for me includes taking some time to consider my future goals or aspirations. Such objectives would entail developing further in technical skills. Master Core Cybersecurity Concepts Obtain an understanding of encryption, firewalls, intrusion detection systems, and protocols for network security. I'd also like to Learn about malware analysis and reverse engineering.

Another of my goals is to advance Programming Proficiency and proficiency offshore development of programming languages regularly used in cybersecurity, such as Python, C, and JavaScript. I would like to Learn more about scripting for automating security tasks.

Professional Development and Certification in the cyber world would also be something I want to achieve after completing my degree like Certified Ethical Hacker (CEH) or Certified Information Systems Security Professional (CISSP).

TASK 2 - B

What do I want/need to learn or develop?	What will I do to achieve this?	What resources or support will I need?	What will my success criteria be?	Target dates for review and completion
(Specific & Relevant)	(Specific)	(Achievable)	(Measurable)	(Timebound)
Master Core Cybersecurity Concepts	Develop an understanding of encryption, firewalls, intrusion detection systems, and network security protocols. Learn about malware analysis and reverse engineering.	Enrol in online courses, attend workshops, and practice using cybersecurity tools in virtual labs.	Ability to explain core cybersecurity concepts confidently. Also, Completion of practical exercises in malware analysis and reverse engineering.	N/A
Advance Programming Proficiency	Achieve proficiency in programming languages used in cybersecurity, such as Python, C, and JavaScript. Learn scripting for automating security tasks.	Complete coding challenges, participate in hackathons, and build small projects to apply programming skills.	Completion of at least 3 automation projects. Also Improved problem-solving skills in coding challenges.	N/A
Professional Development and Certification	Obtain certifications like Certified Ethical Hacker (CEH) or Certified Information Systems Security Professional (CISSP).	Research certification requirements, prepare using study guides, and schedule exams after completing the degree.	Successful completion of the chosen certification exam	N/A

Gibbs Reflective cycle

- ▶ Gibbs' Reflective Cycle is a structured framework for reflection that consists of six stages: description, feelings, evaluation, analysis, conclusion, and action plan. Developed by Graham Gibbs in 1988, this model is widely utilized in nursing education to enhance professional development and personal skills among nursing students, enabling them to reflect logically on clinical experiences 125.

Task 3 – U4 Topic 1 Summary

- ▶ Learning to Learn speaks about what it means to have an agile learning capacity and why it becomes extremely relevant in the present-day fast-paced world.
- ▶ It tells us about how technology needs to be adopted and how it becomes a part of daily life with the internet. It runs taking risks in new situations, even when not comfortable, due to embarrassment or fear of failure. Agile learners have learned to take failure as a form of learning, focusing on the move on, despite the risk to self-esteem. It talks about how it is also essential to keep on getting feedback and evaluate others to learn about what happens in the process of reflection.
- ▶ Agile learners also actively seek out other colleagues from diverse backgrounds to bring different perspectives and opportunities to learn in different ways. The future workplace would value qualifications but will take some learning agility. Learning agility is about accepting the risk of embarrassment by putting themselves into highly novel situations wherein the balance between success and failure weighs finely. It naturally creates valuable learning moments, wherein such failures become a regular part of the whole process. They view the learning moment during the event and retrospectively into it, trying to reach others for feedback along the way.

Referances

- ▶ <https://reflection.ed.ac.uk/reflectors-toolkit/reflecting-on-experience/gibbs-reflective-cycle>
- ▶ <https://pmc.ncbi.nlm.nih.gov/articles/PMC9939592/>
- ▶ <https://www.structural-learning.com/post/gibbs-reflective-cycle>
- ▶ <https://www.linkedin.com/learning/programming-foundations-beyond-the-fundamentals/broadening-your-knowledge-of-programming-fundamentals-22191968?resume=false>

Video Presentation

<https://youtu.be/yO-hMF3jCPY>



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Assignment 2

GRADEMARK REPORT

FINAL GRADE

GENERAL COMMENTS

59/100

Total:		59
1. Engagement with Literature Skills		
- No use of IEEE citations and formatted reference list. + Reference list. - Some use of high-quality citations and reference sources could be used.	20	3
2. Knowledge and Understanding Skills		
Self-reflection: + Knowledge and understanding of self provided, including strengths, weaknesses and traits, from self-reflection. Good. Self-evaluation: - Knowledge and understanding of self, including strengths, weaknesses and traits, gained from the self-assessment tools not included. PDP: + Good understanding of Professional Development Planning demonstrated. + Reflective model documented. - Some specific learning resources to achieve the goals could be identified with some supporting sources. Unit 4 Topic summary: + Some key areas/concepts have been described. Good. - Knowledge and understanding documented, could be supported by citations in places, to demonstrate	20	13

reference to and knowledge of the underlying concepts and principles.		
3. Cognitive and Intellectual Skills		
Self-reflection: + Self-reflective analysis documented. Good. Self-evaluation: - Analysis from self-assessment tools not provided. - Analysis could include some reference to relevant theories and concepts. PDP: + Reflective model used in the analysis. + Good SMART Goals and PDP analysis covering development areas included. - Some specific learning resources could also be included in the analysis. Unit 4 Topic summary: + Some key areas/concepts have been analysed. - Analysis could include some supporting citations, to document and support relevant theories and concepts.	20	13
4. Practical Application Skills		
Video creation: + Good use of Video creation and streaming platform. Self-evaluation: - Use of self-evaluation tools and their output is not documented. PDP: + SMART well-structured PDP created. Goal progress: + Goal progress clearly documented. PDP: + Understanding of the basic and underlying self-evaluation & PDP concepts and	20	15

principles is applied. + Linked to personal & professional development.		
5. Transferable Skills for Life and Professional Practice		
Video presentation: + Good format, structure and delivery. - Balance between text and images/diagrams could be enhanced. - Some Animation fx used. - Introduction and conclusion could be included. Time Management: Quite good. – Bit over. Word document submission: + Title page and Table of contents (Toc). – Could be on separate pages. + Required content. + Video link works well.	20	15

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