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| COMP3530/6353 Systems Engineering for Software Engineers |
| Semester 1, 2017 |
| Common Assessment Process – Tag Report |
| Learning Portfolio |

This rubric evaluates the learning portfolio and is based on the following criteria:

* The portfolio summary demonstrates complete understanding of the topics as presented in the readings, by the lecturers, and in the tutorials
* Each topic is thoroughly analysed to identify assumptions made in the readings, lectures and tutorials. Weakness and strengths of the ideas presented are discussed in insightful ways. Alternative views are identified and compared.
* Insightful connections are made between topics presented in the course, other courses and personal experiences forming a coherent view of systems engineering
* The learning portfolio is well organised and is free of grammatical, spelling and citation errors.

**Tags**

Please complete the following sentences by selecting appropriate words or phrases. Select as many words or phrases as are applicable.

The portfolio **summary** can be described as:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [ =] | Engaging | [ =] | Adequate | [ ] | Perceptive | [ ] | Irrelevant |
| [ ] | Confusing | [ ] | Synthesising experiences | [ ] | Logical | [ ] | Boring |
| [ ] | Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |

Provide feedback and explanation for your selections above

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| Your portfolio summary touches on some key point and leaves out others – Other students have done this too so it is not just you.  For instance – remembering SE takes the big picture view  Your Week 5 focuses on green-house gasses – yes it’s a big problem  But also – just for an IT focus so are the environmental problems of  e-waste  relocation of workers to cities with hi-tech jobs (over-crowding)  mining damage in obtain rare earths/lithium/cobalt/ for IT equipment  to name a few  Take the big picture view to identify potential issues. |

The **analysis** of each topic can be described as:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [= ] | Descriptive | [= ] | Incomplete | [ ] | Insightful | [= ] | Exploring the student’s understanding |
| [= ] | Considering alternative views | [ ] | Inadequate and with few examples | [ ] | Linking different perspectives | [ ] | Providing rationale and critique |
| [ ] | Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |

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| Your discussion is generally descriptive. Try to answer these questions about what you have described to improve your analysis.  In the course we did this because?  I think we did this because …..?  I think the consequences of doing this are (good bad dangerous safe pointless?) because …?  This literature source agrees/ disagrees with me – I think their opinion is relevant/not relevant because? |

The **connections** between topics and ideas in the portfolio can be described as:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [ ] | Inspiring | [ ] | Simple | [ ] | Largely non-existent | [= ] | Convincing |
| [= ] | Straightforward | [ ] | Well-developed | [ ] | Synthesising ideas | [ ] | Difficult to understand |
| [ ] | Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |

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| You do have some connections – but not enough – I won’t tag it Largely non-existent this time but improve it next submission – what was there is good but needs to be tied in with you analysis .  try aiming, as a general rule, for at least  1)one connection from this course –  2) other course you have done,  3) work/work experience /project and  4) a personal connection  Each week |

The presentation of the portfolio can be categorized as:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| [= ] | Simple and straightforward | [ =] | Clear and concise | [ ] | Coherent and logical | [ ] | Disorganised and rambling |
| [ ] | Missing citations and references | [ ] | Showing a lack of proof reading and consistent citation | [ =] | Having minimal grammatical and spelling errors and mostly consistent citation | [ ] | Free from grammatical, spelling and citation errors |
| [ ] | Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |

Provide feedback and explanation for your selections above

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| Minor grammar issues – Recommend you check your text in an app that has a grammar checker then cut into Wattle Wiki when it passes the grammar/spell check.  Be critical of how your images appear – Week 4 is very large and dominates the whole wiki. |

**Any other feedback or comments**

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| Analysis need to be deeper – you’ve mainly just described what occurred When you offer an opinion or describe an SE concept use analysis examples and connections to support its relevance.  e.g. Your good example….  *For instance, when consider constructing flood-control levees in system thinking method, we are always required to think the problem, the problem symptom, unexpected results and how to fix it. However, in design thinking way, the designer focuses on how to construct a flood-control levee.*  Flesh out your reflections more more –e.g some unexpected results may be from systems thinking may be.  Flooding upstream spreads out and slows down floodwater prolonging the flood but reducing its intensity –  Building a levee lets the water pass by a town quickly but may cause even more of a flood surge!  Maybe the best soln is to not build in flood zones at all? |