

The Take Home Examination

COMP3530/6353

Systems Engineering for Software Engineers

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Summary

- Two days (48 hours) to complete
 - Starts 1700, Saturday 10 June
 - Ends 1700, Monday 12 June
- Download from Wattle
 - Examination paper (Word and OpenOffice)
- Submit completed Examination Paper via Wattle
 - We will use Turnitin
 - Late papers will not be accepted

Declaration

If you do not make
this declaration, you
will receive a
mark of zero
for your examination

ANU POLICY ON ACADEMIC MISCONDUCT

You must acknowledge that you have read and understood each of the following documents regarding academic misconduct by entering your student number into the box below. **If you do not do this, you will receive zero for your final examination.**

- a) Academic honesty & plagiarism [1]
- b) ANU Academic Misconduct Rules 2014 [2]

In particular, take note of *Tip 10* from the *Academic honesty & plagiarism* web page [1]:

“Academic misconduct can seriously jeopardise your academic career, your future, and, if you are an international student, your ability to stay in Australia to study. Your reputation is important.”

Note that we will be using automated tools and other techniques to detect signs of academic misconduct. All such detections will be processed, without exception, in accordance with the *ANU Academic Misconduct Rules 2014* [2].

| |
|---------------------|
| Your Student Number |
| |

DECLARATION

In submitting this examination paper and entering your student number in the box below, you declare that:

- a) You have not copied, paraphrased or summarised, without appropriate acknowledgement, the words, ideas, scholarship or intellectual property of another person.
- b) No part of this work has been written **or reviewed** by any other person.
- c) No part of this work has been previously presented for assessment either at the ANU or elsewhere.
- d) No part of this work falsely represents data, observation or other research activity as genuine, comprehensive and/or original, and you have not invented the data, used data gathered by other researchers without acknowledgment, or willfully omitted data to obtain desired results.

| |
|---------------------|
| Your Student Number |
| |

Academic Misconduct

- Any signs of Academic Misconduct will be dealt with in accordance with ANU policy
 - <http://www.anu.edu.au/students/program-administration/assessments-exams/examination-conduct>
 - <https://www.legislation.gov.au/Details/F2015L02025>
- We will be using automated tools and other techniques to check for signs of misconduct including plagiarism and collaboration among students

Further Assessment

- Section 9(3) of the Assessment Rule - <https://www.legislation.gov.au/Details/F2015L020254>

*“Before submitting recommendations under paragraph (2)(c), the Chair of Examiners **may require a student to take a further assessment** to ensure that the academic performance of the student in that course is adequately and fairly assessed, and **any such assessment may be oral, written or practical.**”*

You must stay in Canberra

- <http://www.anu.edu.au/students/program-administration/assessments-exams/examination-conduct>

*Candidates are reminded that the University requires all candidates to **remain in Canberra for the duration the official examination** period in order to be available for any further examination which may be required*

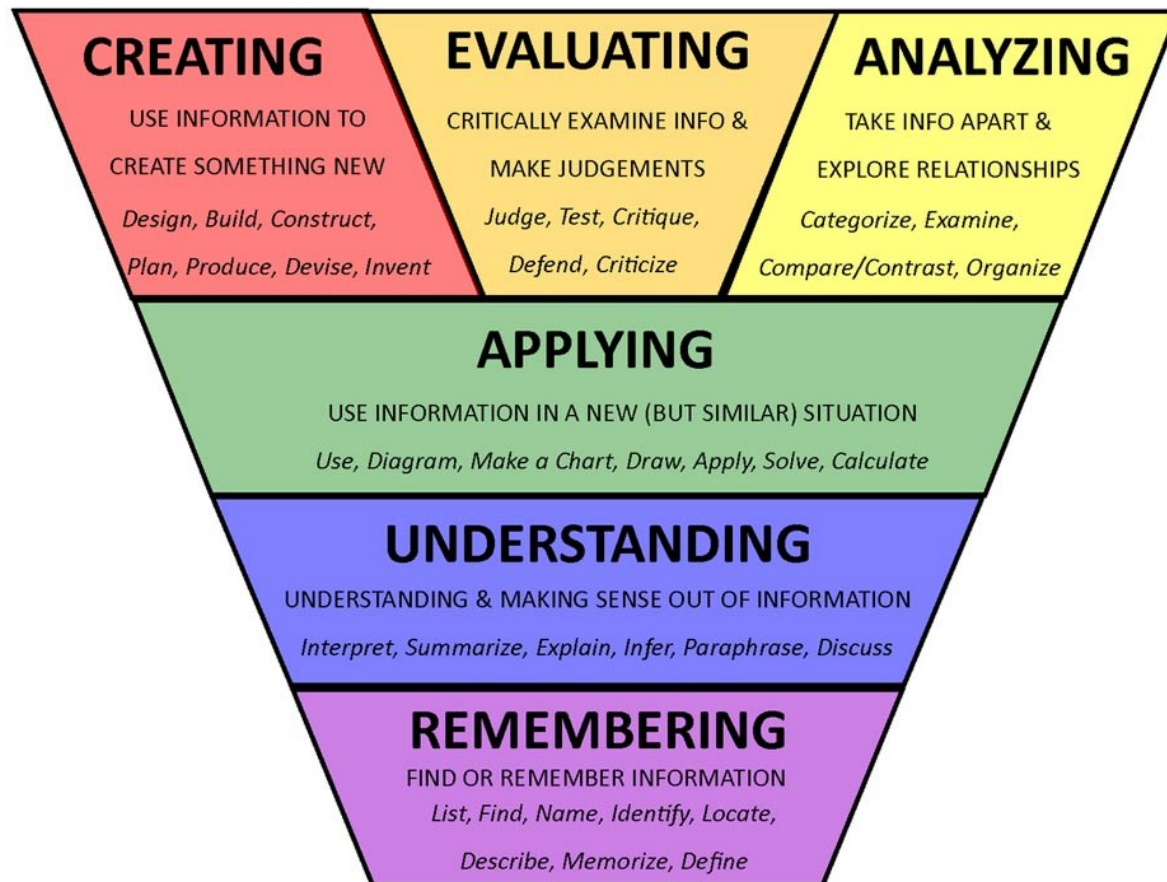
Context of examination

- You will need to read a research paper and other material related to an emerging idea or approach or a case study in systems engineering.

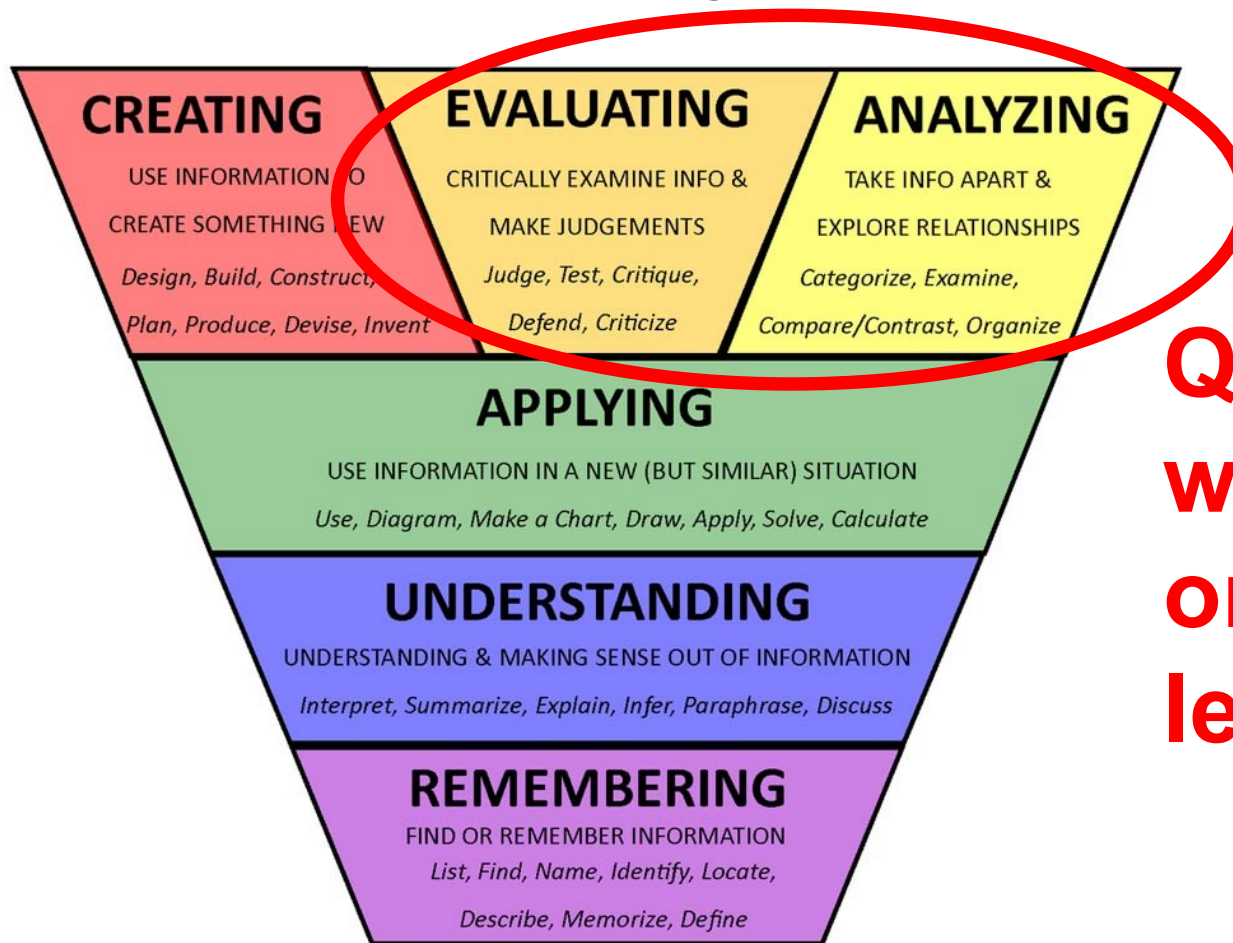
Context of examination (cont.)

- You will be required to answer a series of questions about the paper and how the ideas it presents relate to and perhaps change you own '*World View*' of systems engineering
 - You will be required to reference applicable parts of your Learning Portfolio.
- The questions will be pitched at the higher levels of Bloom's taxonomy

Bloom's Taxonomy



Bloom's Taxonomy



**Questions
will focus
on these
levels**

Don't be fooled ...

- Take home exams are not easy
- You do need to study
- You can't just regurgitate a bunch of facts
 - You need to think !
 - No clear answers
 - You will need to state and defend non-trivial positions

Some tips

- Planning
 - Find a quiet place – home, library
 - Organise your reference materials
 - Make sure you have a good internet connection
 - Allocate time during the examination period
 - Try not to spend more than 6 hours on the examination
 - Make sure you have no other commitments

Some tips

- Review all of the course materials
 - Watch the recordings
 - Review your Learning Portfolio
 - BEFORE the exam starts
- Don't guess what the questions might be
 - 'Canned' answers will not work
 - Understand the concepts we covered
 - Understand connections between concepts
- Eat, Shower and Sleep



Good Luck!