

# Software Design & Development (2U)

Category A – NESAs Developed Course  
Counts towards ATAR





Planning

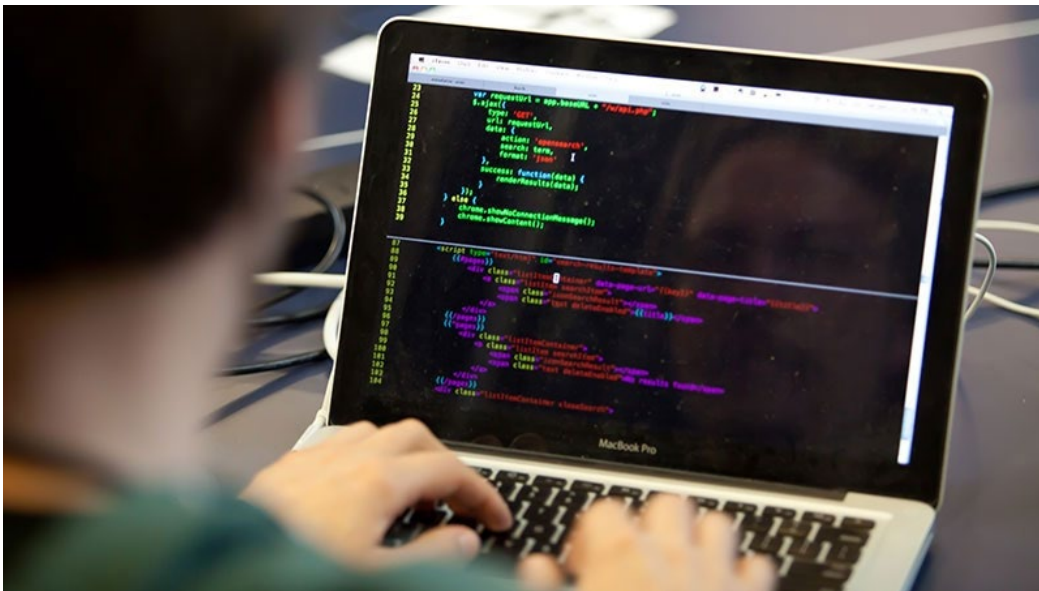
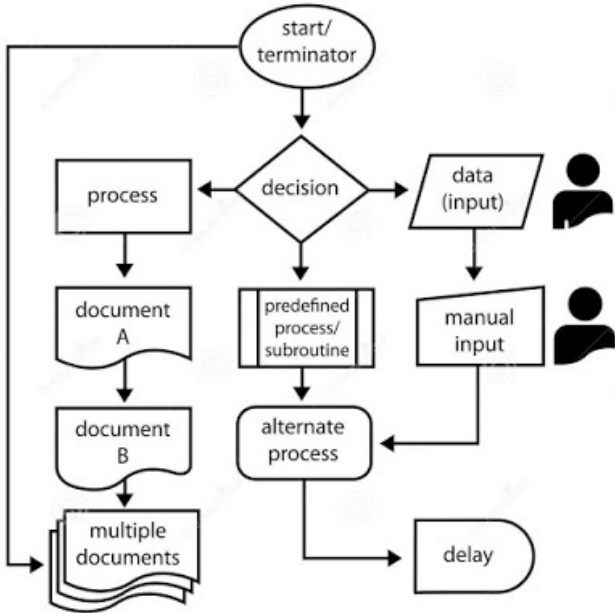
Analysis

Design

Development  
&  
Implementation

Testing

Maintenance



# Why study Software Design?

- Software development continues to be an area of growth in jobs and the economy.
- It is a very valuable for anybody considering undertaking any engineering degree at university. Most engineering degrees mandate computer programming study in their first year.
- Develop your critical thinking, problem solving and mathematical abilities.



# Course structure

- Year 11 HSC Course
  - Concepts and issues in the design and development of software (30%)
    - Social and ethical issues
    - Hardware and software
    - Software development approaches
  - Introduction to software development (50%)
  - Developing software solutions (20%)



# Course Structure

- Year 12 HSC Course
  - Development and impact of software solutions (15%)
    - Social and ethical issues
    - Application of software development approaches
  - Software Development Cycle (40%)
  - Developing a solution package (25%)
    - Project work
  - Option Topic (20%)
    - The interrelationship between software and hardware
      - Programming paradigms



# Course requirements

- Practical experience in class
  - Year 11 Course – At least 20%
  - Year 12 Course – At least 25%



# Need more information...

Talk to:

- Mr Rosolen
- Mr Whittington
- Mrs Dzuira

Contact the school on (02) 6372 1533

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