Object Oriented Programming

by Andrew Cain and Willem van Straten

SWIN BUR NE · SWINBURNE UNIVERSITY OF TECHNOLOGY

Object Oriented Programming
Object Oriented Programming in C++

Welcome to
Object Oriented Programming

Introducing the teaching team...

Classes

Friday workshops only run on Test weeks

100% Portfolio Assessment

Resources

Download the resources you need
from Blackboard (and other sites)

There are podcasts of the topics on
iTunesU and Swinburne Commons

You can get help on the Blackboard
forums, or by contacting any of the
teaching staff

University study is highly geared towards
assessment and grades

Succeeding at University
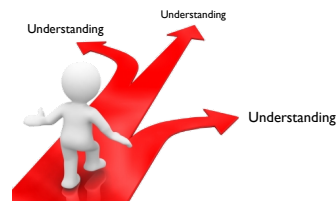by Andrew Cain and Willem van Straten

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It is easy for students to focus on marks, rather than understanding

Understanding   Marks   Understanding

Portfolio assessment provides an alternative path

Understanding   Understanding

Understanding

Achieve good grades by demonstrating good understanding

Understanding = Grades

Reap the benefits of portfolio assessment by focusing on depth of understanding
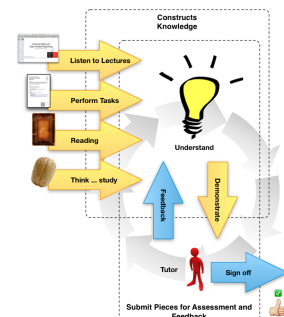
Start by understanding what you need to learn and demonstrate

Faculty of Science, Engineering and Technology

Unit Outline

COS20007
Object Oriented Programming
Semester 1, 2015

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Unit Learning Outcomes:
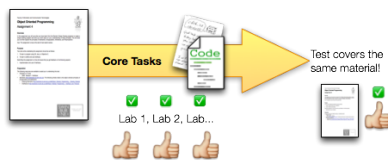• What you are aiming to understand
• What you need to learn
• What you must demonstrate to pass
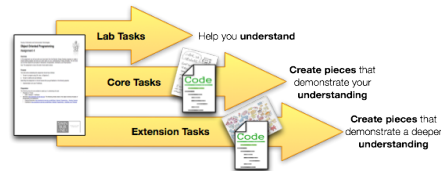
Construct knowledge
from lectures,
reading, exercises,
discussion forums,
help desk,
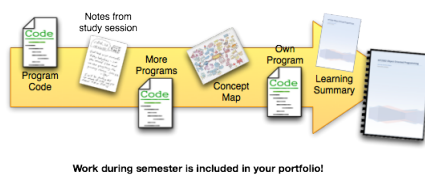tutor feedback, study,
and other sources

Constructs
Knowledge

Listen to Lectures

Perform Tasks

Reading

Think ... study

Understand

Demonstrate

Feedback

Tutor   Sign off

Submit Pieces for Assessment and
Feedback

Build portfolio pieces and demonstrate your knowledge with the Test and Pass Tasks

Demonstrate deeper understanding with Credit and (High) Distinction Tasks

Make your portfolio by collecting and binding together the evidence you create

Work during semester is included in your portfolio!

Present your portfolio for assessment, where it is graded... not marked!

Pass = Pass Tasks and Passed Test

Credit = Pass + Credit Tasks and Good Understanding

Distinction = Credit + Own Program and Design

High Distinction = + Research (deep understanding)

Grading Overview

- Pass = pass the **Semester Test** + at least 50% of weekly **Pass Tasks** that show you have met all of the learning outcomes
- Credit = all Pass Tasks signed off in **Doubtfire** + evidence of understanding from weekly **Credit Tasks**
- Distinction = all Credit Tasks signed off + **Own Program**
- High Distinction = Distinction + high quality own program + **Research Project**

General Overview

- 100% of your **grade** comes from the Portfolio
- You must complete Pass Tasks 1 to 12 before Week 6
- You must pass the Semester Test in test conditions
  - Test will assess core knowledge; i.e. things you will have already done in weekly work
  - There are multiple opportunities to pass this test! ... do your best to pass it the first time (get it out of the way)

Study is about focusing on the right thing
to gain understanding

Will you be able to make the most
of this portfolio unit?

Reap the benefits of portfolio assessment
by focusing on depth of understanding

Portfolio assessment rewards deeper
understanding with better grades

Understanding = Grades

Study to Understand

Understanding

Understanding

Understanding