

BCIS285

Software Applications

& IS Testing

COURSE EVALUATIONS FROM

CO-OPERATIVE EDUCATION

PROJECT 2016 S1

## What is good about this course

### How the content related to projects

The testing theory was however quite useful and I enjoyed learning it. For me personally the most that I got out of this course was from the Novopay assignment. We had to write an implementation plan discussing quality assurance, people involved, tools uses, metrics and the importance of testing. I think that the IS students found this assignment more up their alley than the other students from different streams. In saying that I have learned a lot about project management and QA which I have applied in IS301 and more importantly throughout my project.

It was useful to learn about the different UML paper prototyping modelling techniques for creating and testing the usability of UI designs.

The lab about black-box testing and TDD was helpful. I had not properly practised TDD before.

Basically, everything in this course helped me with my current project. The material we studied helped me to put aspects of my current project into perspective.

The content covered in the class was pretty useful, although we did not have the availability to apply it into a practical perspective.

It helped me to identify the scope, approach, resource, test items, and features to be tested. Theory wise, the tutors has been able to teach the fundamental knowledge of testing and they are able to convey the principles of testing successfully.

### How it helped my skills and delivering ICT

It was good to learn about inspections and code reviews. It is interesting that it is possible to conduct a code review even if you do not know a particular framework (such as Angular), but know the general language, such as JavaScript.

The relevant content in this course, enabled me to successfully test and debug the website and improve its overall quality.

With the knowledge from this course, I can easily set up the test cases for function test for our product, and also how to do white box testing, this is the necessary skill.

## Recommendations

Perhaps looking at test driven development could enhance this course. During the project we worked in a feature driven style. Testing was done once code was written to ensure it performed as expected. I wonder if more time spent planning the classes and how they actioned their duties may have led to better code.

My recommendation for this class would be to incorporate more practical learning styles, have assignments which require practical knowledge, alongside theory as well.

Less focus on test and use cases, Practical assessments, in which student’s debug and test an application with a known number of defects, Industry practice can be followed

One thing that I can recommend for the improvement of this course is to have a hands on lab lesson where everyone will be on a computer examining a given program where the students will test the program and find defects or create a test plan for it.

I wish we were taught more on the practical skills and how to do actual software testing. However, I think the knowledge I gained on how to plan tests which is helpful in documenting testing. This class should teach more about practical skills on testing rather than focusing more on theory.

The test cases in this course is good, but that will be better if tutor can teach us selenium, and more information about ISTQB.