

<https://courseoutline.auckland.ac.nz/dco/course/INFOSYS/220/1213>



Business and Economics

INFOSYS 220 : Business Systems Analysis (15 POINTS)

2021 Semester One

Course Prescription

An Information Technology (IT) professional must understand how IT systems are constructed and tested and how quality is assessed, in order to manage, develop or provide innovative business solutions. Business Systems Analysis introduces systems development process concepts and activities, with a strong focus on understanding the problem and solution through modelling.

Course Overview

INFOSYS 220 Business Systems Analysis is one of the core courses in the Information Systems major that offers experiential learning of a Business Systems Analysts (BSA) on the process of analyzing and designing information systems. Starting your major in Information Systems this course will take you through the journey of a Systems Development Life Cycle (SDLC) of a given information system for a business. Knowing the steps of systems development is essential to a graduate from this major. This course will lead towards a role of a junior business analyst with the foundational understanding of the business analysis profession.

Course Requirements

Prerequisite: 15 points from COMPSCI 101, 105, 107, 130, INFOMGMT 192, INFOSYS 110 Restriction: INFOMGMT 291

Capabilities Developed in this Course

- Capability 1: Disciplinary Knowledge and Practice
- Capability 2: Critical Thinking
- Capability 3: Solution Seeking
- Capability 4: Communication and Engagement
- Capability 5: Independence and Integrity
- Capability 6: Social and Environmental Responsibilities

Graduate Profile: [Bachelor of Commerce](#)

Learning Outcomes

By the end of this course, students will be able to:

1. Understand the phases within a basic system development life cycle. (Capability 1, 2 and 3)
2. Analyse a business problem or opportunity and develop an appropriate strategy to deliver a feasible, long term, sustainable and value added information systems solution (Capability 1, 2, 3, 4.2 and 4.3)
3. Apply skills and develop familiarity with techniques used by Business Analysts to design an IS solution to meet business requirements such as reading and creating simple models to design a solution. (Capability 2, 3, 4.2 and 5.2)
4. Work collaboratively as a team to identify and apply basics of business analysis techniques and engagement. (Capability 1, 2, 4.1, 4.2, 4.3 and 5.1)
5. Communicate with stakeholders on their requirement and help design and develop user interface. (Capability 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2 and 6)

Assessments

Assessment Type	Percentage	Classification
Assignments	16%	Individual Coursework
Presentation	5%	Individual Coursework
Project	20%	Group Coursework
Laboratories	4%	Individual Coursework
Quizzes	5%	Individual Coursework
Test	20%	Individual Test
Final Exam	30%	Individual Examination
7 types	100%	

Assessment Type	Learning Outcome Addressed				
	1	2	3	4	5
Assignments		✓	✓	✓	
Presentation		✓	✓		✓
Project	✓		✓	✓	
Laboratories	✓	✓	✓		
Quizzes	✓		✓		
Test	✓	✓	✓	✓	✓
Final Exam	✓	✓	✓	✓	✓

In order to pass this course, a student must achieve a pass separately in both the following components:

1. Test and final exam combined.
2. All other assessments (excluding the test and final exam) combined.

Workload Expectations

This course is a standard 15 point course and students are expected to spend 10 hours per week involved in each 15 point course that they are enrolled in.

For this course, you can expect 3 hours of lectures, a 2 hour tutorial, 3 hours of reading and thinking about the content and 2 hours of work on assignments and/or test preparation.

Delivery Mode

Campus Experience or Online

This course is offered in two delivery modes:

Campus Experience

Attendance is expected at scheduled activities including labs to receive credit for components of the course. Lectures will be available as recordings. Other learning activities including labs will not be available as recordings.

The course will include live online events including tutorials.

Attendance on campus is required for the test and exam]

The activities for the course are scheduled as a standard weekly timetable.

Online

Attendance is expected at scheduled online activities including labs to receive credit for components of the course.

The course will include live online events including tutorials and these will be recorded.

Attendance on campus is not required for the test and exam.

Where possible, study material will be released progressively throughout the course.

This course runs to the University semester timetable and all the associated completion dates and deadlines will apply.

Learning Resources

Canvas (learning management systems) is the primary location for material, information, and interactions between students and the teaching team.

Lightly Recommended Text: Dennis, A., Wixom, B. H., & Roth, R. M. (2018). Systems analysis and design, Seventh edition.

Available as e-text from Wiley

ISBN: 978-1-119-49632-8

Software: Most of the software used in this course are freely available for students to download and install at home. Details will be provided in the labs.

Additional resources will be made available via Canvas.

Student Feedback

At the end of every semester students will be invited to give feedback on the course and teaching through a tool called SET or Qualtrics. The lecturers and course co-ordinators will consider all feedback and respond with summaries and actions.

Your feedback helps teachers to improve the course and its delivery for future students.

Class Representatives in each class can take feedback to the department and faculty staff-student consultative committees.

Digital Resources

Course materials are made available in a learning and collaboration tool called Canvas which also includes reading lists and lecture recordings (where available).

Please remember that the recording of any class on a personal device requires the permission of the instructor.

Academic Integrity

The University of Auckland will not tolerate cheating, or assisting others to cheat, and views cheating in coursework as a serious academic offence. The work that a student submits for grading must be the student's own work, reflecting their learning. Where work from other sources is used, it must be properly acknowledged and referenced. This requirement also applies to sources on the internet. A student's assessed work may be reviewed against online source material using computerised detection mechanisms.

Inclusive Learning

All students are asked to discuss any impairment related requirements privately, face to face and/or in written form with the course coordinator, lecturer or tutor.

Student Disability Services also provides support for students with a wide range of impairments, both visible and invisible, to succeed and excel at the University. For more information and contact details, please visit the [Student Disability Services' website](http://disability.auckland.ac.nz) <http://disability.auckland.ac.nz>

Special Circumstances

If your ability to complete assessed coursework is affected by illness or other personal circumstances outside of your control, contact a member of teaching staff as soon as possible before the assessment is due.

If your personal circumstances significantly affect your performance, or preparation, for an exam or eligible written test, refer to the University's [aegrotat or compassionate consideration page](https://www.auckland.ac.nz/en/students/academic-information/exams-and-final-results/during-exams/aegrotat-and-compassionate-consideration.html) <https://www.auckland.ac.nz/en/students/academic-information/exams-and-final-results/during-exams/aegrotat-and-compassionate-consideration.html>.

This should be done as soon as possible and no later than seven days after the affected test or exam date.

Learning Continuity

In the event of an unexpected disruption we undertake to maintain the continuity and standard of teaching and learning in all your courses throughout the year. If there are unexpected disruptions the University has contingency plans to ensure that access to your course continues and your assessment is fair, and not compromised. Some adjustments may need to be made in emergencies. You will be kept fully informed by your course co-ordinator, and if disruption occurs you should refer to the University Website for information about how to proceed.

Student Charter and Responsibilities

The Student Charter assumes and acknowledges that students are active participants in the learning process and that they have responsibilities to the institution and the international community of scholars. The University expects that students will act at all times in a way that demonstrates respect for the rights of other students and staff so that the learning environment is both safe and productive. For further information visit [Student Charter](https://www.auckland.ac.nz/en/students/forms-policies-and-guidelines/student-policies-and-guidelines/student-charter.html) <https://www.auckland.ac.nz/en/students/forms-policies-and-guidelines/student-policies-and-guidelines/student-charter.html>.

Disclaimer

Elements of this outline may be subject to change. The latest information about the course will be available for enrolled students in Canvas.

In this course you may be asked to submit your coursework assessments digitally. The University reserves the right to conduct scheduled tests and examinations for this course online or through the use of computers or other electronic devices. Where tests or examinations are conducted online remote invigilation arrangements may be used. The final decision on the completion mode for a test or examination, and remote invigilation arrangements where applicable, will be advised to students at least 10 days prior to the scheduled date of the assessment, or in the case of an examination when the examination timetable is published.