

Semester 1, AY2022/23  
ACC2709 – Accounting Information Systems (AIS)  
Module Outline

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**Consultation:** Email by appointment

**Class Time & Location:**

Day	Time (hrs)	Location	Class Name
Monday	0830-1130	MRB-0206	A1
Monday	1200-1500	MRB-0202	A2
Monday	1500-1800	MRB-0206	A3

**1. OVERVIEW**

This course provides a foundational insight into how businesses are run and accounted for; how data is captured and managed, and how systems are implemented and maintained in enterprises. It also underpins the understanding of higher-level ACC modules such as those relating to corporate governance and risk management, assurance & attestation, and internal audit.

ACC2709 is the pre-requisite of ACC3701 (Assurance and Attestation).

You can register for ACC2709 if you have read and passed one of the following modules: ACC1701/ACC1701X (Accounting for Decision Makers) or EC2204 (Financial Accounting for Economists). You should possess adequate knowledge of financial accounting principles. You should also be familiar with accounting double entries and the preparation of financial reports, particularly the trial balance and the statements of comprehensive income, financial position, and cash flows.

This module can be challenging to many students, considering its content heaviness and the need to synthesize the topics learnt over the weeks. It requires upfront, consistent commitment in pre-class preparatory work in at least the first 8 to 9 weeks of the semester in which it is taught.

The module's assessments will involve a significant amount of group work in a real-world setting; hence, your ability to contribute within a team setting is important to your learning.

## 2. MODULE OBJECTIVES

The key objectives of this module are:

- i. Explain the importance of AIS from the standpoints of accounting and business value chain.
- ii. Articulate the construct of the general ledger, account coding mechanisms, accounting records and different reports that are supported by AIS.
- iii. Evaluate the adequacy of processes in business transaction cycles.
- iv. Apply internal control mechanisms to organizational processes.
- v. Apply database management and systems development life cycle principles to businesses and organizations.
- vi. Explain the key elements and functionalities of the enterprise resource planning (ERP) and electronic commerce systems.
- vii. Apply basic cybersecurity concepts in the context of AIS.
- viii. Explore the influences on AIS arising from contemporary developments in businesses.

## 3. ASSESSMENT COMPONENTS

Your final grade will be determined on the basis shown below. The module coordinator shall furnish further information about each assessment component during Academic Week 1.

Component	Assessment Component	Weightage
Individual	Class / Forum Participation	10%
	Assignment: Essay 1	10%
	Assignment: Essay 2	10%
	Final Exams	30%
Group	Integrative Group Project – Presentation (Recorded Video)	20%
	Integrative Group Project – Peer Critique (Essay)	20%
	<b>TOTAL</b>	<b>100%</b>

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**4. COURSE SCHEDULE of Semester 1, AY22/23 (Aug-Nov 2022)**

The module will be taught and assessed over the regular semester.

Week	Date (dd/mm)	Topics / Activities
1	08/08	AIS Foundation – Introduction to AIS and System of Journals & Ledgers
2	15/08	AIS Foundation – Introduction to AIS and Internal Controls
3	22/08	Revenue Cycle; Expenditure Cycle: Part 1 (General Purchase & Fixed Assets)
4	29/08	System of Journals & Ledgers applied in Revenue & Expenditure (Part 1) Cycles; Expenditure Cycle: Part 2 (Fixed Assets)
5	05/09	Expenditure Cycle: Part 3 (Human Resource); Production/Conversion Cycle
6	12/09	ERP, Electronic Commerce and Database Management Concepts  (This session includes hands-on exposure to an enterprise resource planning system.)  <i>Essay 1 due on 16 September 2022, 5pm (Singapore Time).</i>
	<b>17/09-24/09</b>	<b>Recess Week</b>
7	26/09	Systems Development Life Cycle – Part I;
8	03/10	Systems Development Life Cycle – Part II;
9	10/10	AIS and Cybersecurity;  <i>Integrative Group Project – Presentation (video) due on 14 October 2022, 5pm (Singapore Time)</i>
10	17/10	AIS and Contemporary Developments in Business
11	24/10 (Diwali/Deepavali PH)	Integrative Group Project – Peer Critique Week  <i>Integrative Group Project – Peer Critique report due on 28 October 2022, 5pm (Singapore Time)</i>
12	31/10	Course recap / final exam briefing  Module consultation week
13	07/11	Essay Writing / Module consultation week  <i>Essay 2 due on 11 November 2022, 5pm (Singapore Time)</i>
	<b>12/11-18/11</b>	<b>Reading Week</b>
	<b>19/11, 9-11am</b>	<b>Final Examination (In-person electronic exams using Exemplify)</b>

## 5. MODE OF TEACHING & LEARNING

The facilitator conducts this course using a blended learning model. Each week's topic, comprising several sub-topics, will be delivered via multimedia, reading materials, and class instruction.

For multimedia resources, a series of slides will accompany the videos. These slides are optional for you to use. They facilitate your note-taking while watching the videos. There will be no lecture slides or video transcripts offering just content for reading. To prepare for each week's sectional class, learners should watch the multimedia, read the materials uploaded in LumiNUS/Canvas, and actively create his/her own notes to connect the learning points together. The concepts are then reinforced in the weekly sectional in-person classes through facilitated discussions and activities.

Learners who perform well typically put in consistent effort throughout the semester via the following:

### a. **Independent, self-directed learning before class**

Learners who perform well complete the assigned preparations independently before each sectional class. The assigned preparations comprise selected reading references and online learning materials. This is essential for good quality participation in class.

### b. **Regular, deep reflection of module topics**

The topics covered in ACC2709 are highly applicable to our daily lives. Learners who do well can reflect deeply on how the topics apply to their personal experiences and observations – both past and current ones.

### c. **Timely access to LumiNUS/Canvas postings**

ACC2709 is set up in LumiNUS/Canvas. Learners who perform well ensure that they regularly access this module on LumiNUS/Canvas. They also stay attentive to announcements, assigned tasks, and forum postings (if any) on LumiNUS/Canvas.

### d. **Regular attendance and active contribution**

In-person classes comprise classroom instruction, facilitated discussions, and class activities. Learners who perform well attend sectional classes regularly with active participation.

## 6. REFERENCES

The course facilitator will provide relevant references for each week's topic via LumiNUS/Canvas, where appropriate.

## 7. **ACADEMIC HONESTY & PLAGIARISM**

(extracted from: *The NUS Code of Student Conduct*, <http://nus.edu.sg/osa/resources/code-of-student-conduct.html>)

### **NUS Code of Student Conduct**

As a widely respected institution of higher learning, the National University of Singapore (NUS) is dedicated to cultivating academic and personal excellence in a way that is inclusive and supportive, where communal values as well as the dignity and rights of each person are respected.

NUS students are expected to maintain and uphold the highest standards of integrity and honesty at all times, as well as embrace community standards, diversity and mutual respect for one another, both within the University and the wider Singapore community.

The Code of Student Conduct is intended to guide students' conduct in both the academic and non-academic aspects of their University life by providing an overview of the behaviour generally expected of them as members of the University community. It is meant to serve as a broad framework, and should not be treated as an exhaustive list.

In line with the above, the University expects students to uphold both the spirit and letter of the Code of Student Conduct at all times.

### **Academic, Professional, and Personal Integrity**

The University is committed to nurturing an environment conducive for the exchange of ideas, advancement of knowledge and intellectual development. Academic honesty and integrity are essential conditions for the pursuit and acquisition of knowledge, and the University expects each student to maintain and uphold the highest standards of integrity and academic honesty at all times.

The University takes a strict view of cheating in any form, deceptive fabrication, plagiarism and violation of intellectual property and copyright laws. Any student who is found to have engaged in such misconduct will be subject to disciplinary action by the University. Plagiarism is 'the practice of taking someone else's work or ideas and passing off as one's own' (The New Oxford Dictionary of English). The University and School will not condone plagiarism. At the minimum standard, students have the obligation to make clear to the assessor which is his/her own work, and which piece(s) of work to be attributed to other(s). Otherwise, your assessor is entitled to assume that everything being presented for assessment is being presented as entirely his/her own work.

It is important to note that all students share the responsibility of protecting the academic standards and reputation of the University. This responsibility can extend beyond each student's own conduct, and can include reporting incidents of suspected academic dishonesty through the appropriate channels. Students who have reasonable grounds to suspect academic dishonesty should raise their concerns directly to the relevant Course Coordinator, Head of Department, Dean of Faculty, Registrar, Vice Provost or Provost.