## Unit Outline

### PRINCIPLES OF INFORMATION SYSTEMS

<table>
<thead>
<tr>
<th><strong>Unit Number:</strong></th>
<th>IS101</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mode of Study:</strong></td>
<td>Internal</td>
</tr>
<tr>
<td><strong>Credit:</strong></td>
<td>3 credit points</td>
</tr>
<tr>
<td><strong>Pre-requisites:</strong></td>
<td>Academic Writing</td>
</tr>
</tbody>
</table>
| **Location:** | Sheridan College  
18/7 Aberdeen St, Piccadilly Square West, Perth WA 6000 |
| **Student Workload:** | 168 hours (12 hours per week over 14 weeks)  
Seminars – 36 hours (3 hours per week over 12 teaching weeks)  
*Private Study* – 132 hours (9 hours per week over 12 teaching weeks + 12 hours per week over 2 non-teaching weeks) |
| **Learning Management System:** | Canvas (canvas.sheridan.edu.au) |

### Unit Coordinator

<table>
<thead>
<tr>
<th><strong>Unit Coordinator:</strong></th>
<th>Dr Maya Krayneva</th>
<th><strong>Phone:</strong></th>
<th>9221-8170</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Email:</strong></td>
<td><a href="mailto:mkrayneva@sheridan.edu.au">mkrayneva@sheridan.edu.au</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Course Coordinator

<table>
<thead>
<tr>
<th><strong>Course Coordinator:</strong></th>
<th>Mr Matthew Bambach</th>
<th><strong>Phone:</strong></th>
<th>9221-8170</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Email:</strong></td>
<td><a href="mailto:mbambach@sheridan.edu.au">mbambach@sheridan.edu.au</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Introduction
Welcome to the Principles of Information Systems unit. This unit helps students develop an understanding of the basic concepts and principles of information systems important in the context of business and organizational needs.

It provides students with an overview of information systems and their role in business today. The unit first introduces basic information technology concepts such as hardware and software, data and information, and communication networks. Then, the unit specifically focuses on business information systems and discusses electronic and mobile commerce, enterprise systems and various specialized information systems. It further discusses different stages of system development and covers various aspects such as investigation, analysis, design, implementation, maintenance, and review. The personal and social impact of computers is also covered in this unit.

The Principles of Information Systems unit provides students with insights they need to become efficient and effective employers, supervisors, decision makers, and organizational leaders in business today. It also provides a solid foundation for those willing to undertake more advanced information systems related studies.

Diploma of Business Learning Outcomes
The Sheridan College Diploma of Business has been accredited by the Tertiary Education Quality and Standards Agency (TEQSA) as meeting the standards set by the Australian Qualifications Framework (AQF).

Diplomas qualify individuals who apply integrated technical and theoretical concepts in a broad range of contexts to undertake advanced skilled or paraprofessional work, and provide a pathway for further learning.

Upon successful completion of your study you (the student) will be able to:

- Demonstrate your theoretical and technical knowledge of specialised learning areas within the field of business.
- Exercise your cognitive skills successfully to identify, analyse and synthesise information from a range of sources.
- Plan, propose and evaluate potential solutions to unpredictable problems relating to specialised learning areas within the field of business.
- Communicate your understanding of knowledge and skills relating to specialised learning areas within the field of business to others in various contexts.
- Apply learned technical and creative tools from one or more specialised learning areas within the field of business to interpret and resolve unpredictable problems in a range of scenarios.
- Demonstrate your capacity to seek knowledge and truth with persistence, independence, rigour, and integrity.
- Evaluate the relevance of Christian faith and practice to the pursuit of knowledge in the field of business.
- Model self-discipline, ethical decision-making, servant leadership and respect for the dignity of individuals and groups in various settings.

Each unit you take in the Diploma of Business program will contribute towards the fulfilment of these broader learning outcomes.
Principles of Information Systems Learning Outcomes
Upon successful completion of this unit, students will be able to:

A. Demonstrate knowledge of information technology concepts, and the role of information systems in business and society today.
B. Critically analyze and evaluate real-world problems and situations, and identify underlying issues.
C. Apply learned knowledge to develop information systems-based solutions to business-related problems and challenges.
D. Identify, research and analyse relevant information, and use this information effectively and appropriately.
E. Demonstrate responsibility, diligence and adaptability within a solution development team of information system-based professionals.
F. Effectively communicate ideas and knowledge, and provide constructive feedback.

Graduate Attributes
Study does more than equip you with knowledge in a specific academic field. It can also have a transformational effect on your own nature.

Moreland and Craig write:

“Study itself is a spiritual discipline, and the very act of study can change the self. One who undergoes the discipline of study lives through certain types of experiences where certain skills are developed through habitual study: framing an issue, solving problems, learning how to weigh evidence and eliminate irrelevant factors, cultivating the ability to see important distinctions instead of blurring them, and so on. The disciplines of study also aids in the development of certain virtues and values; for example, a desire for the truth, honesty with data, an openness to criticism, self-reflection and an ability to get along nondefensively with those who differ with one.”


The higher education sector in Australia describes these kinds of outcomes as “Graduate Attributes” (GAs). GAs don't necessarily follow in a direct line from learning outcomes (LOs) but are shaped by the learning process itself. Sheridan College’s GAs, displayed in the table on the next page, are integrated into the College’s assessments and cultivated in all the College’s learning activities. They describe the kind of personal characteristics we hope you will exhibit when you graduate. If in future your referees use these kinds of descriptors when writing about you, we will consider this a sign of a successful higher education.
## COLLEGE VISION STATEMENT

To offer higher education to those who are seeking to live an extraordinary life. To this end, the College will inspire its students to...

## COLLEGE GRADUATE ATTRIBUTES

Sheridan College graduates will be...

### METHODS OF EVALUATION

See unit assessment schedule for alignment with specific assessments.

### ... love truth...

1. **Lovers of truth who:**
   - a. Pursue knowledge, understanding and insight with persistence, independence, rigour, critical thinking and academic integrity.
   - b. Attain a comprehensive understanding of the body of knowledge and professional skills within a specialised learning area or discipline.
   - c. Identify and analyse the pre-theoretical assumptions that underpin the relevant theoretical frameworks and perspectives within a specialised learning area or discipline.

### ... seek wisdom...

2. **Seekers of wisdom who:**
   - a. Recognise the limits of their knowledge and understanding, receiving and evaluating correction or advice with grace and humility.
   - b. Exercise sound, fair and ethical judgment in study and workplace learning environments.
   - c. Carefully consider their life’s purpose and make the most of opportunities as they emerge.

### ... embrace innovation...

3. **Innovative thinkers who:**
   - a. Identify research gaps and make original contributions that extend the body of knowledge, both independently and in collaboration with others.
   - b. Synthesise, analyse and interpret information drawn from diverse sources using diverse mechanisms.
   - c. Adapt effectively to changing circumstances, take appropriate risks, and solve problems in new situations.

### ... and become instruments of peace in the world.

4. **Effective communicators who:**
   - a. Demonstrate the ability to communicate clearly and effectively to a range of audiences and across a range of mediums/technologies.
   - b. Build classmates and colleagues up according to their needs and for their benefit. Avoid slanderous speech.
   - c. Promote respect, hospitality and understanding towards cultures and groups.

5. **Independent learners who:**
   - a. Perform tasks to the best of their own abilities and strive for a high academic standard.
   - b. Set reasonable goals, determine personal boundaries and drive set tasks to completion.
   - c. Take responsibility for their own learning and research.

6. **Servant leaders who:**
   - a. Model respectful and ethical behaviour in team environments.
   - b. Serve the local, national and global community.
   - c. Understand and support Australian democratic traditions, including pluralism, freedom of speech, freedom of association, and equality of opportunity.
Course Structure

Academic Calendar
Diplomas are 1-year programs at Sheridan College. Units are delivered in 15-week trimesters. Each trimester comprises 12 weeks of teaching, two non-teaching study weeks, and an examination week.

Trimesters 1 and 3 are dedicated coursework trimesters. If you are enrolled full-time, you will take 3-4 core or elective units during this trimester.

Trimester 2 is a dedicated research trimester. Whether you are enrolled full-time or part-time, your only formal study during Trimester 2 will be a single research-related unit relevant to your field of study. The schedule provides a focused opportunity to acquire valuable research skills, and to practise applying those skills under the direction of the College faculty.

The Trimester 2 schedule also offers you some freedom to pursue personal, professional and learning goals outside of your formal coursework. The College provides a range of informal extra-curricular programs during this trimester for you to gain life experience and enhance your employability. A description of these programs can be found on the College website at http://sheridan.edu.au/index.php/home/academic-calendar.

The table below gives you an idea of your academic program over the next year.

<table>
<thead>
<tr>
<th>SAMPLE DIP.BUS. PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td><strong>PRE-TRIMESTER</strong></td>
</tr>
<tr>
<td><strong>TRIMESTER 1</strong></td>
</tr>
<tr>
<td><strong>TRIMESTER 2</strong></td>
</tr>
<tr>
<td><strong>TRIMESTER 3</strong></td>
</tr>
<tr>
<td><strong>YEAR 1</strong></td>
</tr>
<tr>
<td>(24 credit points)</td>
</tr>
<tr>
<td>Academic Writing</td>
</tr>
<tr>
<td>Principles of Management (3cp)</td>
</tr>
<tr>
<td>Principles of Marketing (3cp)</td>
</tr>
<tr>
<td>Principles of Financial Accounting (3cp)</td>
</tr>
<tr>
<td>Introduction to Christianity (3cp)</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
</tr>
<tr>
<td>(24 credit points)</td>
</tr>
<tr>
<td>Introduction to Business Reporting (3cp)</td>
</tr>
<tr>
<td>Extra-curricular programs and activities</td>
</tr>
<tr>
<td>Introduction to Microeconomics (3cp)</td>
</tr>
<tr>
<td>Principles of Business Law (3cp)</td>
</tr>
<tr>
<td>Principles of Information Systems (3cp)</td>
</tr>
</tbody>
</table>

Seminars
You will meet with the instructors for one 3-hour session each week. Please arrive with a willingness to learn, reflect and contribute to class discussions. It is essential that you prepare thoroughly for each class by reading the assigned chapters and/or journal articles.

Private Study Expectations
You should expect to spend an additional nine (9) hours per week of private study, immersing yourself in the course material and completing the assessment requirements. Reading and preparation for each course week should be done prior to or during the early part of each course week. Students may choose to begin reading over the weekend prior to each course week, keeping a notebook of insights and questions to contribute during the week’s discussion.

Consultation
At Sheridan College, instructors make themselves available during office hours for individual consultations for a minimum of 25% of the total time spent teaching the unit. For this unit, the instructor will nominate an additional one (1) hour either before or after class to be available for
individual student queries. The specific times will be set after discussions with the class on the first day.

**IT Resources**
The internet is an extraordinary resource for students and using it effectively contributes to the nurturing of the College’s graduate attributes in each student. We encourage you to bring your electronic devices (college-supplied or personal tablets, mobile phones, laptops) into the class as a learning resource. As a courtesy to your classmates, please keep these learning devices on “silent” and do not take phone calls during class hours.

Wireless internet access will be available for all students at the Piccadilly Square West campus, if you wish to meet there in study groups or for private study. You can also access printers, scanners and photocopiers at the office.

**Location**
The unit will be taught at Unit 18, 7 Aberdeen Street, Perth WA 6000
Time: TBA
Room: TBA

**Learning Resources**

**Prescribed Reading(s)**

**Supplementary Reading(s)**
You may find the following texts listed below useful for additional explanation and for assistance in writing essays. Copies of these texts have been placed in the Reserve Section of the Sheridan College Library.


Students can also find relevant journal articles in the following journals:
- Bulletin of Applied Computing and Information Technology
- ACM Transactions on Information Systems
- Information Systems
- Information Systems Management
- Information Systems Research
- International Journal of Business Information Systems
- International Journal of Information Systems and Supply Chain Management
- Issues in Information Systems

**College Library Resources**
Sheridan College has established library affiliate agreements with partner institutions to allow you access to range of online library resources.
College Library Resources

In 2017, Sheridan College students will have direct access to four (4) major academic database collection providers, granting Sheridan College students direct onsite (IP) and remote access to:

1. **Academic OneFile** from Cengage Gale (now active)
2. **Oxford University Press Arts and Humanities Collection** (now active)
3. **EBSCO collections** (to be activated from 1 February 2017), including:
   - Business Source Premier
   - Academic Search Premier
   - Humanities International Complete
   - Science and Technology Collection
4. **Informit collections** (to be activated from 1 February 2017), including:
   - Business Collection
   - HSS Collection

**Cunningham Library**

Sheridan College is an institutional member of the **Australian Council of Educational Research’s Cunningham Library**.

Cunningham Library is a unique, comprehensive collection of Australian educational research material dating from the early 1900s to the present day. The vast resources of Cunningham Library offer the researcher a complete and up to date collection of educational research documents in Australia, including:

- books with over 50,000 titles, both Australian and overseas publications
- journals with over 400 titles, both Australian and overseas publications
- e-journals
- government reports & conference proceedings
- bibliographic database of educational theses
- audio, video & CD-ROM material
- educational and psychological tests
- databases, directories and research discovery tools
- web documents & e-books


**Aberdeen Street Campus Reserve Collection**

A growing physical reserve library of books will be maintained at the Aberdeen St campus for resources specifically chosen by lecturers for individual units. These resources will be nominated by the lecturers and purchased if there are no online options available.

**Public Libraries**

You will have signed up with the **State Library of WA (SLWA)** and the **National Library of Australia (NLA)** when you enrolled at Sheridan College. It takes about one week from the date of enrolment for your subscription to SLWA to become active.

The e-resources of SLWA and NLA are available online for library members (free to members of the public with an Australian residential address), including thousands of peer-reviewed journals across the full range of academic disciplines. For business these include:

- Business Advisors Guide
- EBL (EBook Library)
- EconLit
- Informit Business Collection
- Academic Search Premier
Business Source Premier
EBSCO
Emerald Journals
GIBLIN: Giblin Working Papers
IBIS World
MasterFile Premier
MEDGE: Management and Environment Information
Regional Business Books

Other Free Resources
Access to free full-text journals can also be found through the following sites, among many others:

- VOCEDplus (www.voced.edu.au/journalbrowse)
- Stanford University’s Highwire site (http://highwire.stanford.edu/lists/freeart.dtl)
- Directory of Open Access Journals (http://www.doaj.org/)
- Open Directory Project (http://www.dmoz.org/Reference/Education/Journals)

Community Memberships
If those are insufficient for research purposes, community memberships are also available at Perth higher education institutions. Research students wishing to join the libraries of Perth’s universities will be fully reimbursed by Sheridan College for their membership costs.

Community memberships are available at the following university and other higher education libraries:

- Curtin University: ($70.40) https://library.curtin.edu.au/borrowing/non-curtin-borrowers/community-borrowers.cfm
- Murdoch University: ($99) http://library.murdoch.edu.au/Our-services/Community-members/
- University of Notre Dame ($40) http://library.nd.edu.au/content.php?pid=50125&sid=642804
- UWA http://www.is.uwa.edu.au/about/visitors-friends/visitors#community

Please note: For some universities, community members may only be able to access online resources while logging in from a terminal within the university library itself.

Learning Support
Any student who feels they may need special provisions for any type of disability should see an instructor during regular office hours or contact the Registrar, Mrs Christa Smith, who will help you make any necessary accommodations for academic support.
Assessment Schedule

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Value</th>
<th>Due Date</th>
<th>LOs Assessed</th>
<th>GAs Addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team activity</td>
<td>20%</td>
<td>Week 5</td>
<td>A, B, D, E, F</td>
<td>1, 2, 3, 4, 6</td>
</tr>
<tr>
<td>Problem-solving assignment</td>
<td>30%</td>
<td>Week 12</td>
<td>A, B, C, D, F</td>
<td>1, 2, 3, 4, 5</td>
</tr>
<tr>
<td>Final Exam</td>
<td>50%</td>
<td>Week 13</td>
<td>A, C, D, F</td>
<td>1, 2, 3, 4, 5</td>
</tr>
</tbody>
</table>

Explanation of Assessments

Sheridan College assessments are designed both to measure your successful demonstration of the full range of learning outcomes in the unit, and to cultivate the Sheridan College graduate attributes.

You must submit all assessments in order to satisfy the unit requirements.

1. Team activity

Student teams will be strategically formed so that their members have heterogeneous and complementary strengths. Each student team will be given an activity sourced from the textbook.

The team members will work together to carry out the activity according the requirements described in the textbook. Each team member will submit their own report addressing the following sections: Purpose of the activity, Plan of action, Accomplishment, Your contribution and Your team’s contribution.

Word Limit 1000 words.

<table>
<thead>
<tr>
<th>Category/Grade</th>
<th>Fall (&lt;50)</th>
<th>Pass (50-64)</th>
<th>Credit (65-74)</th>
<th>Distinction (75-84)</th>
<th>High Distinction (85+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose of the activity</td>
<td>No understanding of the purpose</td>
<td>Some understanding of the purpose</td>
<td>Some ability to understand and define the purpose</td>
<td>Pronounced ability to understand and define the purpose</td>
<td>Pronounced ability to fully understand and clearly define the purpose</td>
</tr>
<tr>
<td>Plan of action/Task</td>
<td>No description of the task</td>
<td>Some description of the task</td>
<td>Many aspects of the task are described</td>
<td>Most aspects of the task are described</td>
<td>All aspects of the task are clearly described</td>
</tr>
<tr>
<td>Accomplishment</td>
<td>No accomplishments</td>
<td>Some but very limited accomplishments</td>
<td>Many aspects of the task have been accomplished and defined</td>
<td>Most aspects of the task have been accomplished and defined</td>
<td>The task has been successfully completed and accomplishments are well defined</td>
</tr>
<tr>
<td>Your contribution</td>
<td>No contribution to your team’s efforts</td>
<td>Some contribution to your team’s efforts</td>
<td>You have fulfilled most requirements that were assigned to you</td>
<td>You have contributed to your team as it was required from you</td>
<td>You have contributed to your team as it was required from you, and exceeded beyond</td>
</tr>
<tr>
<td>Your team’s contribution</td>
<td>Wrong or no description of your team’s contribution</td>
<td>Some description of your team’s contribution</td>
<td>Most contributions of your team are mentioned but not defined</td>
<td>Contributions of your team are mentioned but defined</td>
<td>Contributions of your team’s are mentioned and defined</td>
</tr>
</tbody>
</table>
Every category/grade component has equal contribution (1/5) towards the total mark for this assignment.

2. Problem-solving assignment

Students will be given a set of problem-solving exercises sourced from the textbook. Each student will choose an exercise relevant for their future career dreams and goals.

The student will then apply learned knowledge to resolve the problem, and write an assignment addressing the following sections: Problem definition, Solution proposal, Solution implementation, Outcomes, Conclusion/Life application.

Word Limit 1500 words.

<table>
<thead>
<tr>
<th>Category/Grade</th>
<th>Fail (&lt;50)</th>
<th>Pass (50-64)</th>
<th>Credit (65-74)</th>
<th>Distinction (75-84)</th>
<th>High Distinction (85+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem definition</td>
<td>No understanding of the problem</td>
<td>Some understanding of the problem</td>
<td>Ability to understand and define some aspects of the problem</td>
<td>Pronounced ability to understand and define most aspects of the problem</td>
<td>Pronounced ability to fully understand and clearly define the problem</td>
</tr>
<tr>
<td>Solution proposal</td>
<td>No proposal</td>
<td>Some description of a proposed solution</td>
<td>Proposed solution is defined with limited understanding</td>
<td>Proposed solution is defined and understood</td>
<td>Proposed solution is well defined and clearly understood</td>
</tr>
<tr>
<td>Solution implementation</td>
<td>No implementation</td>
<td>Some aspects of the solution have been implemented</td>
<td>Most aspects of the solution have been implemented</td>
<td>The solution has been successfully implemented</td>
<td>The solution has been implemented and is highly successful</td>
</tr>
<tr>
<td>Outcomes</td>
<td>No outcomes</td>
<td>Limited outcomes and their understanding</td>
<td>Important outcomes are reported and understood</td>
<td>Most outcomes are reported and understood</td>
<td>Correct reporting and clear understanding of the outcomes</td>
</tr>
<tr>
<td>Conclusion/Life application</td>
<td>Wrong or no conclusion</td>
<td>Some aspects of conclusion and life application are covered</td>
<td>Most aspects of conclusion and life application are covered</td>
<td>Conclusion is correct and life application understood</td>
<td>Conclusion and life application is clearly understood, correct and clearly formalized</td>
</tr>
</tbody>
</table>
3. Final Exam

The final exam will be a 2-hour exam assessing all the material covered in the unit.

There will be two sections:

**Section A:** Short answer questions. You will be given 20 short answer questions, similar to the questions found in the self-assessment tests at the end of each chapter. Each question will be worth 1% giving a total of 20% of the overall mark for this unit.

**Section B:** Essay questions. You will select (3) three essay topics from a choice of five (5) topics covering a variety of topics covered in the lecture. Each essay will be worth 10% giving a total of 30% of the overall mark for this unit.
Guidelines for Written Assignments

These general guidelines will assist you in preparing and writing your assignments. Your instructor will discuss these in greater detail before you commence your assignment. If you have any questions please ask your instructor to assist you. Do not ask other students, as they may not give you the correct information.

Presentation

- The assignment must be typed on A4 paper with 1.5 or 2-line spacing and a 3cm margin at the top, bottom and right hand side to allow for marker's comments. Headings should be used to identify the main points in your discussion and may be underlined.

- Your assignment should be grammatically correct and well punctuated. A high standard of written English is expected and your assignments should be clear, concise, neatly presented and easy to read. Failure to comply with these requirements may result in a significant loss of marks.

Academic Integrity

- Your assignment must be your own original piece of work and not that of another student or previously submitted work for another subject. Please be aware that there are serious penalties for handing in assignments that have been copied from another source (plagiarism). Your lecturer will discuss this with you during your class. Please note also that Sheridan College deploys plagiarism-detection mechanisms. The Sheridan College Academic Integrity Policy is found at http://sheridan.edu.au/index.php/home/policy-library.

- You are expected to acknowledge the source of your ideas and expressions used in your written work. Students at Sheridan College are required to use the APA Referencing style (http://www.apastyle.org/).

Submission

- Your assignment should be submitted to your instructor by the date specified. If you require an extension of time, it is your responsibility to contact your lecturer before the due date, and provide documentation from a medical practitioner, or the student counsellor as to why you cannot adhere to the stated due date.

- Any assignment submitted after the due date without the instructor’s permission will be subject to a deduction of 10% of the original mark for each working day (including weekends) for which it is late. Assignments submitted more than one week late will only be accepted with a current medical certificate, which must be dated on the day of the illness.

- You must keep a copy of the completed assignment when you submit the original document for marking.

- If you are in doubt about any of these requirements, you should discuss them with your instructor who will clarify any misunderstanding.

- All assignments must be submitted to assignments@sheridan.edu.au.

Assessment Moderation

- Your major assessment may also be marked by an external examiner, in addition to your instructor. This is common practice in higher education and is designed to ensure that your marks are equivalent to students being assessed at other higher education institutions.
# Unit Outline

<table>
<thead>
<tr>
<th>WEEK NO.</th>
<th>TOPICS COVERED</th>
<th>READINGS</th>
<th>ASSESSMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Welcome, Groups Assigned, Unit Outline &amp; Structure; Administration Procedures; Discussion on Assessments An Introduction to Information Systems-part 1</td>
<td>Stair &amp; Reynolds, Chapter 1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>An Introduction to Information Systems-part 2</td>
<td>Stair &amp; Reynolds, Chapter 1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Information Systems in Organizations</td>
<td>Stair &amp; Reynolds, Chapter 2</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Hardware and Software</td>
<td>Stair &amp; Reynolds, Chapter 3-4</td>
<td></td>
</tr>
</tbody>
</table>

### In-Trimester Study Week

<table>
<thead>
<tr>
<th>WEEK NO.</th>
<th>TOPICS COVERED</th>
<th>READINGS</th>
<th>ASSESSMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Organizing Data and Information</td>
<td>Stair &amp; Reynolds, Chapter 5</td>
<td>Team activity (20%)</td>
</tr>
<tr>
<td>6</td>
<td>Telecommunications and Networks; The Internet, Intranets, and Extranets.</td>
<td>Stair &amp; Reynolds, Chapter 6-7</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Electronic and Mobile Commerce.</td>
<td>Stair &amp; Reynolds, Chapter 8</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Enterprise Systems.</td>
<td>Stair &amp; Reynolds, Chapter 9</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Information and Decision Support Systems; Knowledge Management and Specialized Information Systems.</td>
<td>Stair &amp; Reynolds, Chapter 10-11</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Systems Development: Investigation and Analysis</td>
<td>Stair &amp; Reynolds, Chapter 12</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Systems Design, Implementation, Maintenance, and Review</td>
<td>Stair &amp; Reynolds, Chapter 13</td>
<td>Problem-solving assignment (30%)</td>
</tr>
<tr>
<td>12</td>
<td>The Personal and Social Impact of Computers Review</td>
<td>Stair &amp; Reynolds, Chapter 14</td>
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### Pre-Exam Study Week

<table>
<thead>
<tr>
<th>WEEK NO.</th>
<th>TOPICS COVERED</th>
<th>READINGS</th>
<th>ASSESSMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Examination</td>
<td></td>
<td>Final exam (50%)</td>
</tr>
</tbody>
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