



## COURSE OUTLINE

### SCHOOL OF COMPUTER TECHNOLOGY

**COURSE NAME:** Business Applications for Information Technology

**COURSE CODE:** GSSC 1045

**CREDIT HOURS:** 3 (42 contact hours)

**PREREQUISITES:**

**COREQUISITES:**

**PLAR ELIGIBLE:** YES ( ) NO (X)

**EFFECTIVE DATE:** September 2018

**PROFESSOR:** George Gorsline **OFFICE #:** C467

**Email:** ggorsline@georgebrown.ca

**NOTE TO STUDENTS:** Academic Departments at George Brown College will NOT retain historical copies of Course Outlines. We urge you to retain this Course Outline for your future reference.

FOR OFFICE USE ONLY	
ORIGINATOR: _____ George Gorsline SIGNATURE	Jun 19, 2018 _____ DATE
CHAIR: _____ Albert Danison SIGNATURE	_____ DATE
DATE OF REVISION: _____	

**EQUITY STATEMENT:** George Brown College values the talents and contributions of its students, staff and community partners and seeks to create a welcoming environment where equity, diversity and safety of all groups are fundamental. Language or activities which are inconsistent with this philosophy violate the College policy on the Prevention of Discrimination and Harassment and will not be tolerated. The commitment and cooperation of all students and staff are required to maintain this environment. Information and assistance are available through your Chair, Student Affairs, the Student Association or the Human Rights Advisor.

George Brown College is dedicated to providing equal access to students with disabilities. If you require academic accommodations visit the Disability Services Office or the Deaf and Hard of Hearing Services Office on your campus.

**STUDENT RESPONSIBILITIES:** Students should obtain a copy of the *Student Handbook* and refer to it for additional information regarding the grading system, withdrawals, exemptions, class assignments, missed tests and exams, supplemental privileges, and academic dishonesty. Students are required to apply themselves diligently to the course of study, and to prepare class and homework assignments as given. Past student performance shows a strong relationship between regular attendance and success.

## COURSE DESCRIPTION:

This course studies what information systems are and how they are used to enable organizations to operate their businesses. Topics will include the evaluation of information systems, analysis of data resources and network management, assess electronic business systems, and the security and ethical challenges impacting information systems by the shift to e-business, social media, appropriate workplace behaviours, and mobile computing. The course will examine closely the principles of successful management of information systems in businesses.

## ESSENTIAL EMPLOYABILITY SKILLS:

As mandated by the Ministry of Training, Colleges and Universities essential employability skills (EES) will be addressed throughout all programs of study. Students will have the opportunity to **learn (L)** specific skills, to **practice (P)** these skills, and/or **be evaluated (E)** on the EES outcomes in a variety of courses. The EES include communication, numeracy, critical thinking & problem solving, information management, interpersonal and personal skills. The faculty for this course has indicated which of the EES are either Learned (L), Practiced (P) or Evaluated (E) in this course:

Skill	L	P	E	Skill	L	P	E
1. communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience	√	√	√	7. locate, select, organize and document information using appropriate technology and information sources	√	√	√
2. respond to written, spoken or visual messages in a manner that ensures effective communication	√	√	√	8. show respect for the diverse opinions, values, belief systems, and contributions of others	√	√	√
3. execute mathematical operations accurately				9. interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals	√	√	√
4. apply a systematic approach to solve problems	√	√	√	10. manage the use of time and other resources to complete projects	√	√	√
5. use a variety of thinking skills to anticipate and solve problems	√	√	√	11. take responsibility for one's own actions, decisions and consequences	√	√	√
6. analyze, evaluate, and apply relevant information from a variety of sources	√	√	√				

## COURSE OUTCOMES:

Upon successful completion of this course the students will have reliably demonstrated the ability to:

1. Demonstrate how information systems can support decision making in business.
2. Describe how computer hardware, software, and networks work and are used in business.
3. Evaluate issues with the use of data resource management and networks.
4. Evaluate the ways in which information technology can assist in business applications.
5. Critically reflect implementation of eCommerce and eBusiness solutions for business.
6. Analyze issues of security and ethics, with particular emphasis on eBusiness.

## DELIVERY METHODS / LEARNING ACTIVITIES:

The course will consist of three hours of classroom instruction per week. In addition to lectures and presentations, the class will be interactive as students work to help each other understand the concepts of business, and how they are applied using information systems.

## LIST OF TEXTBOOKS AND OTHER TEACHING AIDS:

**Required:** *Information Systems 5<sup>th</sup> ed.*, Baltzan, McGraw Hill, ISBN 978-1-260-56636-9  
plus supplementary materials on Blackboard

**Recommended / Optional:** on Blackboard

## TESTING POLICY:

1. Quizzes may be unannounced and given at any time.
2. Work may not be re-done to gain a better mark.
3. A score of zero will be recorded for a missed quiz or examination unless the student presents the professor with substantiation of the absence prior to the class by email or on the first day she or he returns to class. The student is responsible for scheduling a make-up session.
4. Students are responsible for reading and preparing the appropriate material **before class** to gain the most benefit from the lecture and in-class discussion (participation and content are evaluated).

## EVALUATION SYSTEM:

Assessment Tool:	Description:	Outcome(s) demonstrated:	EES demonstrated:	Date / Week:	% of Final Grade:
Exam	Mid-term exam	1, 2	1, 2, 4, 5, 6, 8, 10, 11	7	35%
Exam	Final exam	1, 2, 3, 4, 5, 6	1, 2, 4, 5, 6, 8, 10, 11	15	45%
Quiz	Quizzes	1, 2, 3, 4, 5, 6	1, 2, 4, 5, 6, 7, 8, 9, 10, 11	1-6, 9-14	20%
				<b>TOTAL:</b>	<b>100%</b>

## GRADING SYSTEM

The passing grade for this course is: 'D'

A+	90-100	4.0	B+	77-79	3.3	C+	67-69	2.3	D+	57-59	1.3	Below 50	F	0.0
A	86-89	4.0	B	73-76	3.0	C	63-66	2.0	D	50-56	1.0			
A-	80-85	3.7	B-	70-72	2.7	C-	60-62	1.7						

Excerpt from the College Policy on Academic Dishonesty:

The *minimal* consequence for submitting a plagiarized, purchased, contracted, or in any manner inappropriately negotiated or falsified assignment, test, essay, project, or any evaluated material will be a grade of zero on that material. To view George Brown College policies please go to [www.georgebrown.ca/policies](http://www.georgebrown.ca/policies)

## TOPICAL OUTLINE:

Week	Topic / Task	Outcome(s)	Content / Activities	Resources
1	Course Structure and Content What is a business Business organization	1,4	Lecture, Discussion, Examples	Chapter 0
2	Business Driven Management Information Systems (MIS)	1,3,4	Lecture, Discussion, Examples	Chapter 1
3	Decision Support Systems Business Processes	2, 3, 4, 5	Lecture, Discussion, Examples	Chapter 2
4	eBusiness: Web 1.0, Web 2.0, Web 3.0...	2, 3, 4, 5	Lecture, Discussion, Examples	Chapter 3
5	Information Ethics	2, 3, 4, 5	Lecture, Discussion, Examples	Chapter 4
6	Information Security	1, 2, 3, 4	Lecture, Discussion, Examples	Chapter 4
7	<b>Mid-Term Exam</b>			
8	<b>INTERSESSION</b>			
9	Infrastructures: Sustainable Technologies	3, 4, 6	Self-study, Discussion, Examples	Chapter 5
10	Data, Information, Databases Business Intelligence	3, 4, 6	Self-study no Lecture	Chapter 6
11	Business Value of a Networked World Business Value of Wireless World	3, 4, 6	Lecture, Discussion, Examples	Chapter 7
12	Supply Chain Management	3, 4, 6	Lecture, Discussion, Examples	Chapter 8
13	Customer Relationship Management Enterprise Resource Management	1, 3, 5, 6	Lecture, Discussion, Examples	Chapter 8
14	Developing Enterprise Applications Project Management	1, 3, 5, 6	Lecture, Discussion, Examples	Chapter 9
15	<b>Final Exam</b>			
	<p><b>Please note: this schedule may change as resources and circumstances require.</b>  For information on withdrawing from this course without academic penalty, please refer to the College Academic Calendar:  <a href="http://www.georgebrown.ca/Admin/Registr/PSCal.aspx">http://www.georgebrown.ca/Admin/Registr/PSCal.aspx</a></p>			