Course Code	COMM 237	Course Title	Information Systems in Business		
Credit Value	4	Department	Commerce		

No. of weeks	14	Hrs. per week	*Lecture*	*Tutorial*	*Laboratory*	*Total*
			3	0	2	5

Course Description	This course provides an introduction to, and the application of, computer-based technology for the business student. Particular focus is on understanding the role of Management Information Systems (MIS), and the development of technology skills relevant to the workforce.
Prerequisite(s)	ENGL 099, MATH 12 (C) or MATH 100

	UBC	*SFU*	*UVic*	*UNBC*	*TRU*
Initial Articulation Targets	COMM 205 (3)	BUS 237 (3)	CSC 1XX (1.5)	CPSC 251 (3) precludes credit for COMM 351 (3)	MIST 2610 (3)
	For updated information on the transferability of this course, please consult the BC Transfer Guide, www.bctransferguide.ca				

Learning Outcomes	Upon successful completion of this course, the student will be able to: • Explain the basics of MIS and its relationship to business management. • Identify the relevant MIS issues, problems, threats or opportunities. • Identify the information needed to address this issue/problem/opportunity. • Address the issue/problem/opportunity using the tools learned in the course. • Define and explain the basic information system concepts. • Create a simple database. • Explain how a network, cloud computing, grid computing and the Internet work. • Identify and explain the purposes and components of a data warehouse. • Describe the relationship between organizational strategy and information technology planning. • Discuss how information systems (IS) are designed, implemented, and maintained. • Identify and discuss the ways in which a business can prepare for security disasters. • Explain how MIS relates and connects with E-commerce and the latest business trends in social media

Content	**Core** topics – all of the following will be covered: • Information systems; MIS • The business system • Organizational strategy and IS • Computer hardware and software • Content and data, database design and management • Computer networks, LAN, WAN, VPN • Functional and inter-organizational systems • OLTP, OLAP, the Data Warehouse and Data Mart • IT planning, IT architecture, IT governance • The IT department; operations and projects • IS acquisition; analysis, design, implementation • Security management • Textbook resources; MyMISlab • Introduction to MS Excel • Websites and blogging with Wordpress • Hardware lab; component identification • ER models • Introduction to MS Access • Introduction to basic web creation and publication • Visio diagrams • Build a Wiki • Group projects • Introduction to MS Project Additional topics may also be covered, at the discretion of the instructor.
Methods of Instruction	Lectures, discussion, individual and group computer work on assignments in a lab setting.
Required Textbook(s)	The following textbook(s) is/are required, or approved equivalent(s). Bidgoli, Hossein, MIS, 10TH Edition, Toronto, ON: CENGAGE, Boston, MA, USA. 2018.
Required Equipment and Technology	Students are required to have a computer with internet access. The following resources are provided by the College: • Office 365 • Student email
Homework Hours	At minimum, students can expect one hour of homework for every hour of instructional time.

	Component	% Value
Evaluation	Participation/Assignments/Exercises	5-15%
	Quizzes	10-20%
	Midterm examination	15-25%

	Group/Individual project/Skills Test Final examination	20-25% 30-35%	
Completion Requirements	The minimum grade to pass this course is D (50%). Unless otherwise stated, a minimum grade of C- (55%) is required for this course to fulfil a prerequisite.		
Course Designer(s)	Gordon Simon, M.Sc., Computer Science Department, Alexander College	Consultant(s), *if applicable*	
Dean's Approval	Barbara Moon, Dean of Arts and Sciences, Alexander College	Dean's Approval Date	October 16, 2016
Curriculum Committee Approval Date	October 16, 2016	First Term Offered	Winter 2017
Last Review Date	August 28, 2022	Next Review Date	August 28, 2027
Revision History	October 25, 2016 – Revisions by David Crawford in collaboration with Enrico Tanafranca, Alexander College. August 28, 2022 – Revision by Enrico Tanafranca, Alexander College.		