



## COURSE OUTLINE: HIN101 - FOUNDATIONS OF B.A.

Prepared: Dr. Michael Biocchi

Approved: Corey Meunier, Chair, Technology and Skilled Trades

<b>Course Code: Title</b>	HIN101: FOUNDATIONS OF BUSINESS ANALYSIS
<b>Program Number: Name</b>	2197: HEALTH INFORMATICS
<b>Department:</b>	COMPUTER STUDIES
<b>Semesters/Terms:</b>	20F, 21S, 21F
<b>Course Description:</b>	Learners are introduced to the discipline of business analysis. Students will study business analysis knowledge, the underlying core competencies, and learn the techniques used in the business analysis profession.
<b>Total Credits:</b>	3
<b>Hours/Week:</b>	3
<b>Total Hours:</b>	45
<b>Prerequisites:</b>	There are no pre-requisites for this course.
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>	<b>2197 - HEALTH INFORMATICS</b>
<b>Please refer to program web page for a complete listing of program outcomes where applicable.</b>	VLO 1 Assess organizational requirements for health information system technologies (HIST).
	VLO 4 Apply business and system analysis techniques to evaluate the effectiveness of health information systems technologies within a health-related setting.
	VLO 8 Communicate effectively and professionally to promote inter-professional collaboration across the organization.
<b>Essential Employability Skills (EES) addressed in this course:</b>	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.
	EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.
	EES 4 Apply a systematic approach to solve problems.
	EES 5 Use a variety of thinking skills to anticipate and solve problems.
	EES 6 Locate, select, organize, and document information using appropriate technology and information systems.
	EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
	EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.
	EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.
	EES 10 Manage the use of time and other resources to complete projects.
	EES 11 Take responsibility for ones own actions, decisions, and consequences.

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2020-2021 academic year.



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<b>Course Evaluation:</b>	<p>Passing Grade: 50%, D</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>
<b>Other Course Evaluation &amp; Assessment Requirements:</b>	<p>Attendance: Sault College is committed to student success. There is a direct correlation between academic performance and class attendance, therefore, for the benefit of all its constituents, all students are encouraged to attend all of their scheduled learning and evaluation sessions. This implies arriving on time and remaining for the duration of the scheduled session.</p> <p>Grade Definition Grade Point Equivalent A+ 90 - 100% 4.00 A 80 - 89% B 70 - 79% 3.00 C 60 - 69% 2.00 D 50 - 59% 1.00 F (Fail) 49% and below 0.00 CR (Credit) Credit for diploma requirements has been awarded. S Satisfactory achievement in field /clinical placement or non-graded subject area. U Unsatisfactory achievement in field/clinical placement or non-graded subject area. X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course. NR Grade not reported to Registrar's office. W Student has withdrawn from the course without academic penalty</p>

<b>Course Outcomes and Learning Objectives:</b>	<b>Course Outcome 1</b>	<b>Learning Objectives for Course Outcome 1</b>
	Apply the best practices, tools, and techniques for conducting business analysis activities.	<ul style="list-style-type: none"> <li>1.1 Define the purpose of business analysis.</li> <li>1.2 Define how organizations use business analysis.</li> <li>1.3 Conduct needs assessment.</li> <li>1.4 Conduct stakeholder analysis.</li> <li>1.5 Conduct SWOT analysis.</li> <li>1.6 Identify techniques to perform root cause analysis.</li> <li>1.7 Develop SMART goals.</li> <li>1.8 Develop process flow diagrams.</li> <li>1.9 Conduct feasibility assessment.</li> <li>1.10 Develop a risk management framework.</li> <li>1.11 Build a business analysis work plan.</li> <li>1.12 Conduct cost benefit analysis.</li> <li>1.13 Calculate payback period, return on investment, net present value and internal rate of return.</li> <li>1.14 Develop a business case.</li> </ul>
	<b>Course Outcome 2</b>	<b>Learning Objectives for Course Outcome 2</b>
	Determine the appropriate competencies and techniques to utilize for the type of requirements being elicited and business analysis activities being performed.	<ul style="list-style-type: none"> <li>2.1 Define skill set and expertise needed for the business analyst role.</li> <li>2.2 Define the relationship between managers, business analysts, and other roles.</li> </ul>

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	<b>Course Outcome 3</b>	<b>Learning Objectives for Course Outcome 3</b>
	Explain business analysis models, the elicitation process and techniques.	3.1 Define the purpose and of eliciting information. 3.2 Identify elicitation issues and challenges. 3.3 Describe elicitation techniques. 3.4 Explain various business analysis models.
	<b>Course Outcome 4</b>	<b>Learning Objectives for Course Outcome 4</b>
	Explain business requirements for traceability, monitoring, change requests, change management, and solution evaluation.	4.1 Define traceability and benefits of tracing techniques. 4.2 Explain change management as it relates to business analysis. 4.3 Identify change control tools and techniques. 4.4 Identify when and how to evaluate solution results.

**Evaluation Process and Grading System:**

<b>Evaluation Type</b>	<b>Evaluation Weight</b>
Assignments	45%
Exams	50%
Quizzes	5%

**Date:** April 29, 2021

**Addendum:** Please refer to the course outline addendum on the Learning Management System for further information.

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