COURSE OUTLINE: HIN101 - FOUNDATIONS OF B.A.

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Approved: Corey Meunier, Chair, Technology and Skilled Trades

Course Code: Title	HIN101: FOUNDATIONS OF BUSINESS ANALYSIS
Program Number: Name	2197: HEALTH INFORMATICS
Department:	COMPUTER STUDIES
Semesters/Terms:	20W
Course Description:	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.
Total Credits:	3
Hours/Week:	3
Total Hours:	45
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course: **Please refer to program web page for a complete listing of program outcomes where applicable.**	**2197 - HEALTH INFORMATICS** 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.
Essential Employability Skills (EES) addressed in this course:	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.
Course Evaluation:	Passing Grade: 50%, D

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Other Course Evaluation & Assessment Requirements:	Due to varying program standards, some courses may require a higher passing grade. A passing grade in a course in one program may not be considered a passing grade in that course in another program.
Books and Required Resources:	Business Analysis for Practitioners: A Practice Guide by Project Management Institute Publisher: Project Management Institute Edition: 1st Edition ISBN: 9781628250695

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
Apply the best practices, tools, and techniques for conducting business analysis activities.	1.1 Define the purpose of business analysis. 1.2 Define how organizations use business analysis. 1.3 Conduct needs assessment. 1.4 Conduct stakeholder analysis. 1.5 Conduct SWOT analysis. 1.6 Identify techniques to perform root cause analysis. 1.7 Develop SMART goals. 1.8 Develop process flow diagrams. 1.9 Conduct feasibility assessment. 1.10 Develop a risk management framework. 1.11 Build a business analysis work plan. 1.12 Conduct cost benefit analysis. 1.13 Calculate payback period, return on investment, net present value and internal rate of return. 1.14 Develop a business case.

Course Outcome 2	Learning Objectives for Course Outcome 2
Determine the appropriate competencies and techniques to utilize for the type of requirements being elicited and business analysis activities being performed.	2.1 Define skill set and expertise needed for the business analyst role. 2.2 Define the relationship between managers, business analysts, and other roles.

Course Outcome 3	Learning Objectives for Course Outcome 3
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.

Course Outcome 4	Learning Objectives for Course Outcome 4
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:

Evaluation Type	Evaluation Weight
Assignments	30%
Business Case	10%
Exams	30%

	Quizzes	30%

Date:	February 20, 2020
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.