BDAT 1003: BUSINESS PROCESSES AND MODELLING

Type of Change:
Minor Course Change

Name of Initiator:
C. Lightheart updating GC Flex code to new back-end GF code vs. HF code

Course Information

Course outlines are reviewed annually as part of continual quality improvement. This course was last updated for the effective term below.

Effective Term
Winter 2022

Full Course Title
Business Processes and Modelling

Preferred Short Title
Business Processes

Academic Level
Post Graduate

Subject Code
BDAT - PG Big Data Analytics

Course Number
1003

Academic Area
Computer Studies

Ministry Reporting Category
Business

Grade Mode
Numeric

PLAR Applicable
No

Total Hours
42

Schedule Types
Combination
GC Flex
Lab
Lecture
Remote Delivery
Traditional

Course Description
Understanding business processes helps data engineers design and develop information systems that are aligned with organizational needs and goals. By examining and modeling common business workflows, processes and management strategies, students gain a deeper understanding of the diverse data needs of organizations. Students examine the data needs of common core business processes such as sales, marketing, accounting, quality improvement, product/service delivery, product development, and human resources.

Banner prerequisites – for information only

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency

Course Content
- Introduction to business processes and modelling
- Ethics and standards of practice
- The proposal development process
- Defining research problems and objectives
- Documenting and visualizing business processes
- Research design and data collection methods
- Developing work breakdown structures, timelines, and budgets
- Project risk identification and mitigation Strategies
- Team and stakeholder management

Course Evaluation

The passing grade for this course is 60%, evaluation is comprised of:
- Assignments 40%
- Mid-Term Project 20%
- Group Final Project 40%

Tests/examinations/assignments must be written/submitted at the time specified. Requests for adjustments to that schedule must be made before the test/exam/assignment date to the faculty member. Failure to do so will result in a mark of "0", unless an illness/ emergency can be proven with appropriate documentation at no cost to the College.

Academic Appeal
Students at Georgian College can appeal the following:
· A mark on an assignment, test, examination or work-integrated learning term
· Missing or incorrect assessment information on a grade report and/or transcript
· A charge of academic misconduct
Note: Students cannot appeal a final grade. It is the academic work that is appealable leading to the final grade i.e. final test, exam or assignment.
Refer to Academic Regulations in the Academic Appeal section for further details.

To graduate from graduate certificate level programs, a student must attain a minimum of 60% or a letter grade of P (Pass) or S (Satisfactory) in each course in each semester. The passing weighted average for promotion through each semester and to graduate is 60%.

Course Learning Outcomes
Upon successful completion of this course, the student has reliably demonstrated the ability to:
1. explain common core business processes and information needs;

Evaluation
Introduced
Assessed

Upon successful completion of this course, the student has reliably demonstrated the ability to:
2. identify and document organizational requirements, opportunities, and challenges for data collection and analysis;

Evaluation
Introduced
Reinforced
Assessed

Upon successful completion of this course, the student has reliably demonstrated the ability to:
3. develop a business proposal that meets an organization's needs for data collection, analysis, and reporting;

Evaluation
Introduced
Assessed

Upon successful completion of this course, the student has reliably demonstrated the ability to:
4. design and present proposals, business process/data visualizations and executive summaries to stakeholders;

Evaluation
Introduced
Reinforced
Assessed

Upon successful completion of this course, the student has reliably demonstrated the ability to:
5. apply basic entrepreneurial strategies to identify and respond to new opportunities and/or overcome challenges.

Evaluation
Introduced
Assessed

Research Ethics Board Designation

Courses that involve minimal risk research involving human subjects require Research Ethics Board (REB) designation. By checking "yes" below, you are indicating that all faculty teaching this course must obtain course-based research ethics approval.
No

Key: 1541