DEMS 3703 - Business Continuity Planning Course Outline

Winter, 2022

**Instructor Contact Information**

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**Course Description**

Business continuity is the process through which organizations create the resilience required to respond to and recover from disaster.

This course introduces the fundamental concepts, theories, methods, implementation techniques, and language required to do business continuity. Course activities include reviewing, discussing, and applying the knowledge, methods, skills, and procedures needed to understand and reduce the impact that disaster can have on an organization.

The course will be delivered asynchronously through online lectures, forum discussions, and assignments. There is no final exam.

**Course Philosophy**

As a student in this course, you will take on the role of a scholar/practitioner, and, through practice, become a business continuity planner. In this, you will identify a client who needs a business continuity plan and then engage with them to develop a business impact analysis, risk assessment, and ultimately, a workable solution to create resilience.

As a scholar, you will come to understand the state-of-the-art in business continuity planning. As a practitioner, you will be expected to create tangible value for your client.

Critically, the process of creating resilience is a creative one. There are not necessarily any “right” answers. What is best for your client will depend on their unique characteristics. As a scholar/practitioner, it is your job to justify your decisions. If you can make a robust and well-articulated argument using the literature and your conversations with your client, then you will be graded appropriately high. Conversely, if you submit poorly written work, lack citations from the literature, or fail to incorporate your client's needs, you will be graded appropriately low.

In working through assignments and engaging with your client, the quality of your writing is expected to be impeccable. Because poor writing can undermine an entire argument and diminish the perceived quality of your work, it is essential to write well. You should be using tools like Grammarly to help work through the editing process. While some errors are bound to make it past any editor, there should not be repeated or egregious mistakes. Frequent and severe mistakes will have a significant effect on your grade.

**COVID-19 Disclaimer**

In working through this course, you will be asked to meet with people. Please do so in a way that accommodates COVID-19. Get vaccinated, wear a mask, stay socially distanced, use Zoom where possible, and get tested if you have any symptoms.

**Course Objectives**

1. Students will learn about the field of business continuity and the associated practices used to develop, implement, and maintain a business continuity program.
2. Students will learn key concepts and methodologies associated with business continuity.
3. Students will gain critical experience as business continuity planners by working through methodologies to create resilience and deliver a business continuity management program.

**Course Format**

The Winter 2022 session of DEMS 3703 will be taught virtually. All course materials will be shared online through the eClass course page.

**Course Materials**

Engemann, & Henderson, D. M. (2012). Business continuity and risk management: essentials of organizational resilience. Rothstein Associates Inc.

Available from the York library for free at <https://ocul-yor.primo.exlibrisgroup.com/discovery/fulldisplay?context=L&vid=01OCUL_YOR:YOR_DEFAULT&search_scope=MyInst_and_CI&tab=Everything&docid=alma991015697629705164>.

Available from Amazon from $53.70 at <https://www.amazon.com/Business-Continuity-Risk-Management-Organizational-ebook-dp-B00RNHEG8U/dp/B00RNHEG8U/ref=mt_other?_encoding=UTF8&me=&qid=>.

**Course Schedule**

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| **Week of** | **Topic** | **Reading** | **Assignment** |
| January 10 | Introduction | Engemann & Henderson Chapters 1-2  Herbane, B. (2010). The evolution of business continuity management: A historical review of practices and drivers. *Business History 52*(6), 978-1002. | Forum Post |
| January 17 | Program and Project Management | Botha, J. & Von Solms, R. (2004). A cyclic approach to business continuity planning. *Information Management and Computer Security 12*(4).  Hermanowicz, J. C. (2002). The great interview: 25 strategies for studying people in bed. *Qualitative Sociology*, *25*(4), 479-499. | Forum Post |
| January 24 | Data Management | Engemann & Henderson Chapters 14 & 15  Ted-Ed: How statistics can be misleading  The Big Think: Data makes you smart, but it doesn’t make you wise. | Forum Post |
| January 31 | Business Impact Analysis | Engemann & Henderson Chapter 3 | **Interview Assignment by 23:59 on February 4**  Forum Post |
| February 7 | Risk Management | Kaplan, R., & Mikes, A. (2012). Managing risks: a new framework. *Harvard business review*. | Forum Post |
| February 14 | Risk Assessment | Engemann & Henderson Chapter 5 | Forum Post |
| February 21 | Reading Week | Reading Week | Reading Week |
| February 28 | Organizational Resilience | Suarez, F. F., & Montes, J. S. (2020). Building Organizational Resilience. *Harvard Business Review*, *98*(6), 47-52.  Kendra, J. M., Clay, L. A., & Gill, K. B. (2018). Resilience and disasters. In *Handbook of Disaster Research.* Springer, Cham. | **Business Impact Analysis Assignment by 23:59 on March 4**  Forum Post |
| March 7 | Organizational Responses to Disaster | McKnight, B., & Linnenluecke, M. K. (2016). How firm responses to natural disasters strengthen community resilience: A stakeholder-based perspective. *Organization & Environment, 29*(3), 290-307. | Forum Post |
| March 14 | Crisis Management | Boin, A. & Kuipers, S. (2018). The crisis approach. In *Handbook of Disaster Research.* Springer, Cham. | Forum Post |
| March 21 | Crisis Management | Stern, E. 2013. Preparing: The Sixth Task of Crisis Leadership. Journal of Leadership Studies 7: 51–56.  Stern, E.K. 2009. Crisis Navigation: Lessons from History for the Crisis Manager in Chief. Governance 22: 189–202. | **Risk Assessment Assignment by 23:59 on March 25**  Forum Post |
| March 28 | Business Continuity Plans | Engemann & Henderson Chapter 10  Chapter 1 of Clarke, L. (1999). *Mission improbable: Using fantasy documents to tame disaster*. University of Chicago Press. | Forum Post |
| April 4 | IT Disaster Recovery | Engemann & Henderson Chapter 6 & 7  HBR Podcast: Why cybersecurity isn’t only a tech problem. | **Business Continuity Assignment by 23:59 on April 8**  **Annotated Bibliography Assignment by 23:59 on April 8**  Forum Post |

**Course Assignments**

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| **Due Date** | **Assignment** | **Value** |
| Weekly | Forum Posts | 10% |
| February 4 | Interviews | 25% |
| March 4 | Business Impact Analysis | 15% |
| March 25 | Risk Assessment | 15% |
| April 8 | Business Continuity Plan | 15% |
| April 8 | Annotated Bibliography | 20% |

Late submission policy: Assignments are due on the date specified. Assignments turned in late are subject to a penalty of 10% per day. However, life happens. If there is a legitimate reason that you cannot submit an assignment on time, please email me at zcox@yorku.ca, and we may be able to make alternative arrangements. Note that extensions are not guaranteed, and supplying the greatest amount of notice possible will increase your chances of getting an extension.

There are no late submissions allowed for forum posts.

**Forum Posts – 10% of Final Grade, Wednesday and Sunday, ongoing weekly**

It is easy to feel disconnected from our peers and the course material in a remote environment. To help remedy this, you are asked to make one initial post of 300 words before Wednesday at 23:59 every week. You and your peers will then reply with at least two posts of at least 150 words before Sunday at 23:59. This assignment aims to replicate the lively discussions we would have in class in an online environment.

Each post should include a reflection on the readings for the week, including proper citations of all materials. Importantly, this is not a summary. Rather, it is a discussion and synthesis of how the materials work together. The forum is an opportunity to explore how the readings tie into the interviews you're having and the process of creating a business continuity plan. It is a space to be creative and dig into the material.

Remember that you are a scholar/practitioner. These forum posts are an opportunity to collaborate with your peers and create new solutions together.

You will be graded based on the *quantity* of your initial posts and response posts, but on the *quality* of only one randomly selected post. So be sure to deliver a high-quality post every week.

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| **Component** | **Value** |
| Number of initial posts | 20% of the assignment grade |
| Number of response posts | 20% of the assignment grade |
| Quality of writing in one randomly selected post | 30% of the assignment grade |
| Quality of citations in one randomly selected post | 30% of the assignment grade |

**Interviews – 25% of Final Grade, due February 4**

The process of business continuity and creating resilience requires practitioners to meet with their clients. It is impossible to understand the risks facing an organization or the impact of an outage without speaking to those who will be affected.

Thus, you will meet with three members of an organization that you identify as needing a business continuity plan and will record your conversation. This organization could be a place where you work, volunteer, or enjoy visiting. You will complete three interviews with representatives from the ownership or management of the selected organization. Each interview should seek to understand the risks that the organization faces, how a disaster would impact them, and provide insight into how to construct a business continuity plan. These interviews will serve as the foundation for all subsequent assignments. Ensure that interviews are with people capable of providing you with the information you need.

The interview guide can be open-ended. Take a look at the assigned readings, Business Impact Analysis assignment, Risk Assessment assignment, and Business Continuity Plan assignment for a sense of what to ask. Interviews should be about an hour long, but there is no prescribed time limit. Generally, you’ll want to know:

1. What kind of business do they run?
2. What is their vision for the business?
3. How do they do their work?
4. What risks do they face from the natural environment?
5. What risks do they face from the built environment?
6. How do they think a disaster would affect them?
7. How do they think they would recover from a disaster?
8. What are they doing to prepare?

Be sure to stay engaged during your interviews. Probe for additional detail. Refer to Hermanowicz (2002) for techniques to get the most out of your time with a participant and leave them feeling good. Remember, “a good interview should feel like a good date,” and a significant portion of your grade in this class depends on the quality of your conversation with your participant. If you’re getting short answers, try asking your questions a little bit differently or probing for more detail. If you want to take your interviewing skills to the next level, practice with a friend, colleague, or family member before scheduling an interview and ask for feedback on your technique.

Once each interview is complete, either manually transcribe it or use an automated service. Zoom has a free feature to transcribe interviews automatically, and Otter.ai does an excellent job for $12 per month.

Once all three of the interviews are complete, write a well-written 750-word analysis that synthesizes the key themes of the interviews. For example, what did your participants say that resonated with you? Do you think they adequately understood the risks they face? Did one person say something different from the other? Why? Quote your participants directly to support your claims.

Submit a Word document that begins with the well-written 750-word analysis (not including quotes) and includes all three interview transcripts.

**Important:** This assignment will take time. Finding participants, scheduling interviews, and writing the analysis will be difficult. Start immediately.

Students will be graded according to the following rubric.

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| **Component** | **Value** |
| Quality of each interview | 40% of the assignment grade |
| Quality of analysis | 40% of the assignment grade |
| Quality of writing | 20% of the assignment grade |

**Business Impact Analysis – 15% of Final Grade, due March 4**

Using the information learned from interviews, the organization’s website, and other applicable sources, produce a business impact assessment for your client. A business impact analysis is used to determine and evaluate the potential effects that an interruption might have on critical business operations. As an essential component of a business continuity plan, an impact analysis includes an exploration of vulnerabilities and starts the scholar/practitioner and their client on a pathway to develop strategies for minimizing risk.

In a well-written report of 750 words, note all of the activities and processes that are essential to the function of your client’s organization. Then, for each function, establish a recovery time objective and recovery point objective (if applicable). As well, describe all of the dependencies that each activity or process relies on, and determine a recovery time objective and recovery point objective for them. As you write, cite the literature and quote your participants where it is appropriate to make a powerful argument.

Structure your report according to the following outline:

1. Introduce your business impact analysis
2. Describe the scope of your business impact analysis
3. Persuasively justify the need for a business impact analysis specifically and a business continuity plan generally for your organization.
4. Describe the methodology and data collection procedures you followed to develop your business impact analysis
5. Describe each activity and process (and their dependents), including a recovery time objective and recovery point objective for each.
6. Write a powerful conclusion that ties together each component and leaves the reader with a clear understanding of the message you want to send.

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| **Component** | **Value** |
| Comprehension of business processes | 30% of the assignment grade |
| Quality of writing | 30% of the assignment grade |
| Quality of references to the literature | 20% of the assignment grade |
| Quality of references to interviews | 20% of the assignment grade |

**Risk Assessment – 15% of Final Grade, due March 25**

Using the information learned from interviews, the organization’s website, the York University library, and other applicable sources produce a risk assessment for your client. A risk assessment identifies the risks an organization faces and allows you to understand the degree to which your client is exposed to potential losses resulting from a hazard.

In a well-written paper of 750 words, describe and analyze all of the hazards and operational risks your client faces. Then, synthesize this data into a meaningful product that clearly shows your client what they should be worried about.

Structure your report according to the following outline:

1. Introduce your risk assessment
2. Describe the scope of your risk assessment
3. Persuasively justify the need for a risk assessment specifically and a business continuity plan generally for your organization (part of this should iterate on what you wrote in the business impact analysis assignment).
4. Describe the methodology and data collection procedures you followed to develop your risk assessment
5. Produce a risk registrar that is complete, well-organized, and easy to follow, listing all of the identified hazards and risks that your organization faces. Include data from class readings, your interviews, and elsewhere. Hint: librarians at the York University library can connect you with maps and other resources that will help make this assignment far more comprehensive.

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| **Component** | **Value** |
| Completeness of risk registrar | 30% of the assignment grade |
| Quality of writing | 30% of the assignment grade |
| Quality of references to the literature | 20% of the assignment grade |
| Quality of references to interviews | 20% of the assignment grade |

**Business Continuity Plan – 15% of Final Grade, due April 8**

Using the information learned from interviews, the organization’s website, and other applicable sources, produce a business continuity plan for your client. A business continuity plan contains the continuity and recovery procedures that your client can deploy to resume operations following an incident. It is their blueprint for response.

In a well-written paper of 750 words, produce a document containing continuity and recovery procedures, outlining the strategies your client can use to resume operations.

Structure your plan according to the following outline:

1. Introduce your business continuity plan
2. Persuasively justify the need for a business continuity plan at your client’s organization
3. Set the scope and objectives of a recovery
4. Describe the situations in which your client would put this business continuity plan to use
5. Detail who is on the incident management team and its operational structure
6. Describe the roles and responsibilities of members of the incident management team
7. Your recommendations for how to implement and maintain the business continuity plan

You should complete this assignment using information from the literature, your interviews, the business impact analysis assignment, and the risk assessment assignment. Be sure to cite all materials you reference.

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| **Component** | **Value** |
| Quality of business continuity plan | 30% of the assignment grade |
| Quality of writing | 30% of the assignment grade |
| Quality of references to the literature | 20% of the assignment grade |
| Quality of references to interviews | 20% of the assignment grade |

Once complete, schedule a meeting with your client to review the business continuity plan you have produced. Having participated in an interview, they are certainly interested in your work. Moreover, this is an opportunity to truly create resilience. As a scholar/practitioner, you are an expert at business continuity. Your knowledge has tremendous power and is of immense value. Indeed, business continuity plans are often worth thousands of dollars and are inaccessible to most. Use your skills to ensure that the places you care about most can withstand the next disaster.

**Annotated Bibliography – 20% of Final Grade, due April 8**

It is challenging to synthesize and understand the significant amount of reading required for this class. To help keep track of the readings, assist in writing forum posts and help cite the other assignments, complete an annotated bibliography.

For each citation read in class, identify the main topic of study or research question, methods employed (if applicable), key findings, and the author’s conclusion. Each annotation should be about 300 words long, in addition to the citation. **DO NOT directly quote any part of the article**. Instead, express your observations in your own words, based on your understanding of the article.

You may use any citation style that you are comfortable with, but be sure to use it consistently. Sort all of your annotations alphabetically.

Conclude the assignment by writing a well-written 1,000-word synthesis that ties together all of the readings. This assignment is a creative task where you talk about what is most important to you. Remember to cite all of your sources.

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| **Component** | **Value** |
| All readings in the course are cited | 70% of the assignment grade |
| Quality of writing | 30% of the assignment grade |

**Deferred Exams**

Deferred standing may be granted to students who are unable to write their final examination at the scheduled time or to submit their outstanding course work on the last day of classes. Details can be found at <http://myacademicrecord.students.yorku.ca/deferred-standing>

Any request for deferred standing on medical grounds must include an Attending Physician's Statement form; a “Doctor’s Note” will not be accepted.

DSA Form: <http://www.registrar.yorku.ca/pdf/deferred_standing_agreement.pdf>

Attending Physician's Statement form: <http://registrar.yorku.ca/pdf/attending-physicians-statement.pdf>

In order to apply for deferred standing, students must register at: <http://apps.eso.yorku.ca/apps/adms/deferredexams.nsf>

Followed by handing in a completed DSA form and supporting documentation directly to the main office of the School of Administrative Studies (282 Atkinson) and add your ticket number to the DSA form. The DSA and supporting documentation must be submitted no later than five (5) business days from the date of the exam. These requests will be considered on their merit and decisions will be made available by logging into the above-mentioned link. No individualized communication will be sent by the School to the students (no letter or emails).

**Students with approved DSA will be able to write their deferred examination during the School's deferred examination period. No further extensions of deferred exams shall be granted. The format and covered content of the deferred examination may be different from that of the originally scheduled examination. The deferred exam may be closed book, cumulative and comprehensive and may include all subjects/topics of the textbook whether they have been covered in class or not. Any request for deferred standing on medical grounds must include an Attending Physician's Statement form; a “Doctor’s Note” will not be accepted.**

**Academic Honesty**

The Faculty of Liberal Arts and Professional Studies considers breaches of the Senate Policy on Academic Honesty to be serious matters. The Senate Policy on Academic Honesty is an affirmation and clarification for members of the University of the general obligation to maintain the highest standards of academic honesty. As a clear sense of academic honesty and responsibility is fundamental to good scholarship, the policy recognizes the general responsibility of all faculty members to foster acceptable standards of academic conduct and of the student to be mindful of and abide by such standards. Suspected breaches of academic honesty will be investigated and charges shall be laid if reasonable and probable grounds exist.

Students should review the York Academic Honesty policy for themselves at: <http://www.yorku.ca/secretariat/policies/document.php?document=69>

Students might also wish to review the interactive online Tutorial for students on academic integrity, at: <https://spark.library.yorku.ca/academic-integrity-what-is-academic-integrity/>

**Grading Scheme and Feedback Policy**

The grading scheme (i.e. kinds and weights of assignments, essays, exams, etc.) shall be announced, and be available in writing, within the first two weeks of class, and, under normal circumstances, graded feedback worth at least 15% of the final grade for Fall, Winter or Summer Term, and 30% for ‘full year’ courses offered in the Fall/Winter Term be received by students in all courses prior to the final withdrawal date from a course without receiving a grade.

Note: Under unusual and/or unforeseeable circumstances which disrupt the academic norm, instructors are expected to provide grading schemes and academic feedback in the spirit of these regulations, as soon as possible. For more information on the Grading Scheme and Feedback Policy, please visit: <http://www.yorku.ca/univsec/policies/document.php?document=86>

**In-Class Tests and Exams - the 20% Rule**

For all Undergraduate courses, except those which regularly meet on Friday evening or on a weekend, tests or exams worth more than 20% will not be held in the two weeks prior to the beginning of the official examination period. For further information on the 20% Rule, please visit: <http://secretariat-policies.info.yorku.ca/policies/limits-on-the-worth-of-examinations-in-the-final-classes-of-a-term-policy/>

**Reappraisals**

Students may, with sufficient academic grounds, request that a final grade in a course be reappraised (which may mean the review of specific pieces of tangible work). Non-academic grounds are not relevant for grade reappraisals; in such cases, students are advised to petition to their home Faculty. Students are normally expected to first contact the course director to discuss the grade received and to request that their tangible work be reviewed. Tangible work may include written, graphic, digitized, modeled, video recording or audio recording formats, but not oral work. Students need to be aware that a request for a grade reappraisal may result in the original grade being raised, lowered or confirmed. For reappraisal procedures and information, please visit the Office of the Registrar site at: <http://myacademicrecord.students.yorku.ca/grade-reappraisal-policy>

**Accommodation Procedures**

LA&PS students who have experienced a misfortune or who are too ill to attend the final examination in an ADMS course should not attempt to do so; they must pursue deferred standing. Other students should contact their home Faculty for information. For further information, please visit: <http://ds.info.yorku.ca/academic-support-accomodations/>

**Religious Accommodation**

York University is committed to respecting the religious beliefs and practices of all members of the community, and making accommodations for observances of special significance to adherents. For more information on religious accommodation, please visit:

<https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs>

**Academic Accommodation for Students with Disabilities (Senate Policy)**

The nature and extent of accommodations shall be consistent with and supportive of the integrity of the curriculum and of the academic standards of programs or courses. Provided that students have given sufficient notice about their accommodation needs, instructors shall take reasonable steps to accommodate these needs in a manner consistent with the guidelines established hereunder. For more information, please visit the Counselling and Disability Services website at <http://www.yorku.ca/dshub/>

York’s disabilities offices and the Registrar’s Office work in partnership to support alternate exam and test accommodation services for students with disabilities at the Keele campus. For more information on alternate exams and tests please visit <http://www.yorku.ca/altexams/>

Please alert the Course Director as soon as possible should you require special accommodations.