

Credit Hours: 3

Contact Hours: This is a 3-credit course, offered in accelerated format. This means that 16 weeks of material is covered in 8 weeks. The exact number of hours per week that you can expect to spend on each course will vary based upon the weekly coursework, as well as your study style and preferences. You should plan to spend 14-20 hours per week in each course reading material, interacting on the discussion boards, writing papers, completing projects, and doing research.

Faculty Information: Faculty contact information and office hours can be found on the faculty profile page.

COURSE DESCRIPTION AND OUTCOMES

Course Description:

This course examines systematic critical thinking through related topics of qualitative analyses, quantitative analyses, and decision making. Students apply quantitative and qualitative research methods focused on strategic decision models with potential topics including ethics, innovation, change management, organization behavior, e-business and technology, collaboration, diversity, or operations management. Students may also select a specific topic based on their own area of interest related to the field of management.

Course Overview:

This course establishes a foundation for MGT579 and presents an extensive overview of qualitative and quantitative research methods. In MGT576 you will apply and develop comprehensive and innovative solutions for business problems by utilizing qualitative and quantitative data. We will accomplish this by researching, analyzing, synthesizing, and evaluating data and applying critical thinking to resolve real life business problems. Thus, you will research problem backgrounds, examine theoretical frameworks, develop research questions, and review existing literature on the research problem to enable them to make actionable recommendations.

Course Learning Outcomes:

1. Evaluate the application of qualitative decision support tools and techniques.
2. Demonstrate the application of quantitative decision support tools and techniques.
3. Critique decision making models and supporting concepts and theories.
4. Synthesize qualitative and quantitative inputs and illustrate effective and ethical decisions.
5. Evaluate strategic decisions for ethical clarity and effectiveness.

PARTICIPATION & ATTENDANCE

Prompt and consistent attendance in your online courses is essential for your success at CSU-Global Campus. Failure to verify your attendance within the first 7 days of this course may result in your withdrawal. If for some reason you would like to drop a course, please contact your advisor.

Online classes have deadlines, assignments, and participation requirements just like on-campus classes. Budget your time carefully and keep an open line of communication with your instructor. If you are having technical problems, problems with your assignments, or other problems that are impeding your progress, let your instructor know as soon as possible.

COURSE MATERIALS

Required:

Plano-Clark, V.L., & Creswell, J.W. (2015). *Understanding research: A consumer's guide* (2nd ed.). Boston, MA: Pearson. ISBN-13: 9780132902236

Suggested:

American Psychological Association (2009). *Publication manual of the American psychological association* (6th ed.). Washington, DC: American Psychological Association, ISBN-13: 9781433805615

NOTE: All non-textbook required readings and materials necessary to complete assignments, discussions, and/or supplemental or required exercises are provided within the course itself. Please read through each course module carefully.

COURSE SCHEDULE

Due Dates

The Academic Week at CSU-Global begins on Monday and ends the following Sunday.

- **Discussion Boards:** The original post must be completed by Thursday at 11:59 p.m. MT and peer responses posted by Sunday at 11:59 p.m. MT. Late posts may not be awarded points.
- **Critical Thinking:** Assignments are due Sunday at 11:59 p.m. MT.

WEEKLY READING AND ASSIGNMENT DETAILS

Module 1

Readings

- Chapter 1 in *Understanding Research*
- Okpala, C.R. (2017). Reflecting in the woods: Can it help to enhance the formulation of (our) research questions? *Bioresources*, 12(3), 4490–4494.
- Yalcin, M., Oztekin, O., Bektas, F., & Karadag, E. (2017). Factors affecting the identification of research problems in educational administration studies. *Educational Sciences, Theory & Practice*, 17(1), 23–52.

Discussion (25 points)

Module 2

Readings

- Chapters 2 and 4 in *Understanding Research*
- Akhnif, E., Macq, J., Fakhreddine, M.O., & Meessen, B. (2017). Scoping literature on the learning organization concept as applied to the health system. *Health Research Policy & System, 15:1-12*.
- Farcas, T.V., & Tudor, A.T. (2016). An overview into the accounting history evolution from a Romanian point of view. A literature view. *Economia Aziendale Online 2000 Web, 7(1), 71-84*.
- Pope, S., & Waeraas, A. (2016). CSR-washing is rare: A conceptual framework, literature review, and critique. *Journal of Business Ethics, 137(1), 173-193*.

Discussion (25 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Literature Review

Choose one of the following two assignments to complete this week. Do *not* complete both assignments. Identify your assignment choice in the title of your submission. Note that while there are two options for the Critical Thinking Assignment, there is only one rubric. Review the rubric to confirm you are meeting the assignment requirements.

First, pick a subject area. Potential **topics** include ethics, innovation, change management, organization behavior, e-business and technology, collaboration, diversity, operations management, for example. Then narrow the topic to one that interest you such as, religious freedom in the workplace, diversity and inclusion of transgender people in the workforce, business ethics and fair-trade products, gender pay inequality, and so on. Write a literature review on *10* scholarly articles that address the topic area. Be careful to not use excessive quotes from your literature; you are encouraged to paraphrase more and cite your paraphrases accordingly.

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Literature Review Presentation

Assuming you are a visiting professor at a foreign university. You are asked to present on the subject literature reviews:

The presentation must contain slides with these titles:

- What Is Literature Review?
- Steps in Designing a Literature Review
- Role of Literature Review in Communicating Organizational Problems
- List of Databases to Facilitate Literature Reviews
- Retrieving Scholarly or Peer Reviewed Articles in Your Online Library
- Common Errors to Avoid in a Literature Review
- Paraphrasing in Literature Reviews

- Direct Quotes in Literature Reviews
- Elements of a Literature Review
- Other Information You May Wish to Include in Your Presentation Regarding Literature Review

When creating your presentation (using PowerPoint, Prezi or other presentation software), be sure to follow these guidelines:

Your presentation should be 17 slides in length and conform to CSU-Global Guide to Writing and APA. Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format). Incorporate graphics. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Portfolio Milestone (25 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Identifying Portfolio Topic

This week, you will identify the topic you will research for your final Portfolio Project. This topic may be related to the topic you chose in your Week 2 Critical Thinking Assignment, Option #1. Topics to consider may include global warming impact on business activities or sustainability of business practices with consideration of global warming, employment equality related to hiring, promotion and/or wages and benefits, organizational culture and strategy alignment, or a business topic that interests you or a topic relevant to your employment, career area, or industry preference. After identifying your topic, research and retrieve 10 scholarly or peer-reviewed articles/journals related to your chosen topic. Write an introduction to your topic and submit for your instructor's approval. Your instructor will approve your topic and provide feedback to strengthen your topic.

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least four scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Identifying Portfolio Topic Presentation

This week, you are required to present your Portfolio Project topic as well as your introduction. Your topic may be related to the topic you chose in your Week 2 Critical Thinking Assignment, Option #1. Topics to consider may include global warming impact on business activities or sustainability of business practices with consideration of global warming, employment equality related to hiring, promotion and/or wages and benefits, organizational culture and strategy alignment, or a business topic that interests you or a topic relevant to your employment, career area, or industry preference. And so forth. After identifying your topic, research and retrieve 10 scholarly or peer-reviewed articles/journals related to your chosen topic. You will submit your topic and introductory slides to the topic for your instructors for approval.

When creating your presentation (using PowerPoint, Prezi, or other presentation software), be sure to follow these guidelines:

Your presentation should be 4-6 slides in length and conform to CSU-Global Guide to Writing and APA. Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format). Incorporate graphics. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Module 3

Readings

- Chapters 3 and 5 in *Understanding Research*
- McMahon, S.K., Wyman, J.F., Belyea, M.J., & Shearer, N. (2016). Combining motivational and physical intervention components to promote fall-reducing physical activity among community-dwelling older adults: A feasibility study. *American Journal of Health Promotion, 30*(8), 638–644.
- Molina-Azorin, J.F., & Lopez-Gamero, M.D. (2016). Mixed methods studies in environmental management research: Prevalence, purposes and designs. *Business Strategy & the Environment, 25*(2), 143–148.
- Myska, M. (2017). Text and data mining of Grey literature for the purpose of scientific research, *Grey Journal, 13*, 32–37.

Discussion (25 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Critiquing Literature Review and Purpose Statement

Review the attached article by Justin Kruger and David Dunning (1999), "*Unskilled and unaware of it: How difficulties in recognizing one's own incompetence lead to inflated self-assessments*" and write a detailed critique of the article and demonstrate the following points.

Does the article have a purpose statement, research questions, and literature review sections respectively? Demonstrate that appropriate quantitative tools and techniques are used to analyze the phenomena examined. Evaluate the article's strategic insights for ethical clarity and effectiveness?

Include the following in critiquing the article:

- Are the authors credible?
- Does the literature review sufficient: what other articles should have been reviewed in the study?
- Are the sources the authors cited credible? Why are they credible?
- Are the research questions well designed?
- Do the research questions demonstrated a good roadmap for the researchers? Why or why not?
- Does the article demonstrate appropriate quantitative tools and techniques to analyze the phenomena and offer conclusions?
- Does the article provide strategic and actionable insights?
- Was the research conducted ethically and are the conclusions ethical?
- Are there any other issues the authors should have addressed in the article?

Kruger, J. & Dunning, D. (1999). Unskilled and unaware of it: How difficulties in recognizing one's own incompetence lead to inflated self-assessments. *Journal of Personality and Social Psychology. 77* (6), 1121–1134. Note: This is a classic article.

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least four scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Critiquing Literature Review and Purpose Statement Presentation

Assume you are a visiting professor at a foreign university, and you are asked to present a detailed critique of the attached article published by Justin Kruger and David Dunning (1999), "*Unskilled and unaware of it: How difficulties in recognizing one's own incompetence lead to inflated self-assessments.*"

Clearly demonstrate the following points. Does the article have a purpose statement, research questions, and literature review sections respectively? Demonstrate that appropriate quantitative tools and techniques are used to analyze the phenomena examined. Evaluate the article's strategic insights for ethical clarity and effectiveness?

Include the following in critiquing the article:

- Are the authors credible?
- Is the literature review sufficient: what other articles should have been reviewed in the study?
- Are the sources the authors cited credible? Why are they credible?
- Are the research questions well designed?
- Do the research questions demonstrated a good roadmap for the researchers? Why or why not?
- Does the article demonstrate appropriate quantitative tools and techniques to analyze the phenomena and offer conclusions?
- Does the article provide strategic and actionable insights?
- Was the research conducted ethically and are the conclusions ethical?
- Are there any other issues the authors should have addressed in the article?

Kruger, J. & Dunning, D. (1999). Unskilled and unaware of it: How difficulties in recognizing one's own incompetence lead to inflated self-assessments. *Journal of Personality and Social Psychology*. 77 (6), 1121–1134. Note: This is a classic article.

Your presentation should be 8-10 slides in length and conform to CSU-Global Guide to Writing and APA. Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format). Incorporate graphics. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Module 4

Readings

- Chapters 6 and 9 in *Understanding Research*
- Agnoli, F., Wicherts, J.M., Veldkamp, C.L., & Albiero, P. (2017). Questionable research practices among Italian research psychologists. *PLoS ONE*, 12(3), 1–17.
- Dimov, D. (2017). Towards a qualitative understanding of human capital in entrepreneurship research. *International Journal of Entrepreneurial Behavior & Research*, 23(2), 210–227.
- Kenno, S.A., McCracken, S.A., & Salterios, S.E. (2017). Financial reporting interview-based research: A field research primer with an illustrative example. *Behavioral Research in Accounting*, 29(1), 77–102.

Discussion (25 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Qualitative Research Design

Variations in qualitative research designs exist and new ones continue to be advanced and refined. However, there is a basic set of research designs used in most qualitative research. Our textbook, *Understanding Research*, describes four common qualitative research designs.

See figure 9.2 in your *Understanding Research* textbook. Study the four common qualitative research designs found in figure 9.2 and select 10 peer-reviewed, scholarly articles from your online library related to your final project topic or research question that employs qualitative designs. Describe the research design used in each of the 10 articles. Evaluate the application of qualitative decision support tools and techniques used in each article. Identify and critique decision-making models and supporting concepts and theories used in each article. Include an assessment of how the described research designs could be used to create the research design for your final project.

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least four scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Qualitative Research Design Presentation

Assuming you are a visiting professor at a foreign university. You are asked present the four common qualitative research designs described in figure 9.2 in your *Understanding Research* textbook.

See figure 9.2 in your *Understanding Research* textbook. Study the four common qualitative research designs found in figure 9.2 and select 10 peer-reviewed, scholarly articles from your online library related to your final project topic or research question that employs qualitative designs. Describe the research design used in each of the 10 articles. Evaluate the application of qualitative decision support tools and techniques used in each article. Identify and critique decision making models and supporting concepts and theories used in each article. Include an assessment of how the described research designs could be used to create the research design for your final project.

When creating your presentation (using PowerPoint, Prezi, or other presentation software), be sure to follow these guidelines:

Your presentation should be 17 slides in length and conform to CSU-Global Guide to Writing and APA. Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format). Incorporate graphics. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Portfolio Milestone (25 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Portfolio Project Literature Review

Assuming your instructor has approved your research topic for your Week 2 milestone, this week, you are required to begin drafting your Portfolio Project literature review section based on the 10 peer-

reviewed articles you selected in Week 2. You may add additional peer-reviewed articles if necessary. At this point, you have already fine-tuned your research question based on your instructor's guidance and course work; as well as your introduction section. At this stage of the course, you understand the elements of literature review, and how to critically examine articles related to your research question and draft your introduction as well.

When writing your literature review, be sure to follow these guidelines:

- Write a well synthesized literature review to support your research topic.
- To do so, review Plano-Clark and Creswell *Understanding Research*, 2nd edition, Chapter 4: The Literature Review: Examining the Background for a Study.
- Include a title page, section headers, introduction, conclusion, and reference page.

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Portfolio Project Literature Review Presentation

Assuming your instructor has approved your research, topic and has helped you fine-tuned the topic, this week, you will present the literature review section of your Portfolio Project based on the 10 articles you selected in Week 2. You may add additional peer reviewed articles if necessary. At this stage of the course, you understand the elements of literature review and how to critically examine articles related to your research question.

When creating your presentation (using PowerPoint, Prezi, or other presentation software), be sure to follow these guidelines:

- Write a well synthesized literature review presentation to support your research topic.
- To do so, review Plano-Clark and Creswell *Understanding Research*, 2nd edition, Chapter 4: The Literature Review: Examining the Background for a Study.
- Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format).
- Incorporate graphics
- Support your answers using peer-reviewed articles/professional sources in addition to the textbooks.

Your presentation should be 6-8 slides in length and conform to CSU-Global Guide to Writing and APA. Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format). Incorporate graphics. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Module 5

Readings

- Chapters 7 and 10 in *Understanding Research*
- Annink, A. (2017). Using the research journal during qualitative data collection in a cross-cultural context. *Entrepreneurship Research Journal*, 7(1), 1–17.
- Kemp, G., Amaya, P.L., Silva, C.F., & Vargas-Solar, G. (2016). Big data collections and services for building intelligent transport applications. *International Journal of Electronic Business Management*, 14:1–11.

- Monto, S., Penttila, R., Karri, T., & Puolakka, K. (2016). Improving data collection processes for routine evaluation of treatment cost-effectiveness. *Health Information Management Journal*, 45(1), 45–52.

Discussion (25 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Collecting Qualitative and Quantitative Research Data

Assume that you will rely on both quantitative and qualitative data collection and analysis for your final research project.

Explain the purpose of the quantitative data collection and how quantitative data collection will be accomplished—what type(s) of data collection will be used (e.g., quantified survey responses, etc.), what is the nature of the study's participants, what size of sample is appropriate, and how will the sample be accessed.

Explain the purpose of the qualitative data collection and how qualitative data collection will be accomplished—what type(s) of data collection will be used (e.g., interviews, observations, documents, audiovisual material), what is the nature of the study's participants, what size of sample is appropriate, and how will the sample be accessed.

Finally, synthesize qualitative and quantitative inputs and illustrate effective and ethical decisions in regard to data collection.

When writing your assignment, be sure to follow these guidelines:

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least four scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Collecting Qualitative and Quantitative Research Data Presentation

Assume that you will rely on both quantitative and qualitative data collection and analysis for your final research project.

Explain the purpose of the quantitative data collection and how quantitative data collection will be accomplished—what type(s) of data collection will be used (e.g., quantified survey responses, etc.), what is the nature of the study's participants, what size of sample is appropriate, and how will the sample be accessed.

Explain the purpose of the qualitative data collection and how qualitative data collection will be accomplished—what type(s) of data collection will be used (e.g., interviews, observations, documents, audiovisual material), what is the nature of the study's participants, what size of sample is appropriate, and how will the sample be accessed.

Finally, synthesize qualitative and quantitative inputs and illustrate effective and ethical decisions in regard to data collection.

When creating your presentation (using PowerPoint, Prezi, or other presentation software), be sure to follow these guidelines:

Your presentation should be 17 slides in length and conform to CSU-Global Guide to Writing and APA. Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format). Incorporate graphics. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Module 6

Readings

- Chapters 8 and 11 in *Understanding Research*
- Borththick, A.F., Schneider, G.P., & Viscelli, T.R. (2017). Analyzing data for decision making: Integrating spreadsheet modeling and database querying. *Issues in Accounting Education, 32*(1), 59–66.
- Motta, G., Puccinelli, R., & Reggiani, L. (2016). Extracting value from grey literature. Processes and technologies for aggregating and analyzing the hidden big data treasure of organizations. *Grey Journal, 12*(1), 15–25.
- Shuryak, I. (2017). Advantages of synthetic noise and machine learning for analyzing radioecological data sets. *PLoS ONE, 12*(1), 1–19.

Discussion (25 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Understanding Results in Quantitative Research Studies

Once you have read how researchers analyzed quantitative data, you are ready to read the results of the study. The results are the actual products obtained from all statistical calculations that researchers made during the data analysis process. While you may not be using primary data for your final research project, it is important to recognize that researchers often report three types of results as part of their studies. Analyze each type of results found in chapter 8 of *Understanding Research* and evaluate the various strategic business decisions a manager may make from the research results. Based on the research results, create your conclusion that include your interpretation with consideration of any possible biases and make actionable recommendations for managerial decision making.

When evaluating the potential strategic business decisions based on the research results, be sure to follow these guidelines:

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least four scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Understanding the Findings in Qualitative Research Studies

Once you have located the findings reported in a qualitative study, your next step is to read and understand the findings. Researchers report their qualitative findings in order to answer their qualitative research questions. It is useful to look for several key characteristics of qualitative research findings. Four characteristics of qualitative research findings are discussed in chapter 11 of *Understanding Research*; identify the four characteristics and evaluate potential strategic business decisions that a manager may make from the findings. Create your own conclusion that includes your interpretation of

the results with consideration of any possible biases and make actional recommendations for managerial decision making.

When evaluating the potential strategic business decisions from the finding, be sure to follow these guidelines:

Your paper should be 4-6 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least four scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Module 7

Readings

- Chapters 12, 13, and 14 in *Understanding Research*
- Hardy, A. (2016). New European-Southeast Asian research on the region: Conclusions of the seatide project on integration in Southeast Asia, trajectories of inclusion, dynamics of exclusion. *Journal of Social Issues in Southeast Asia*, 31(3), 1019–1057.
- Hegger, I., Marks, L.K., Janssen, S.W., Schuit, A.J., & Keijsers, J.F. (2016). Research for policy (R4P): Development of a reflection tool for researchers to improve knowledge utilization. *Health Policy Reference Center*, 11:1–10.
- Nesvag, R., Jonsson, E.G., Bakken, I.J., & Knudsen, G.P. (2017). The quality of severe mental disorder diagnoses in a national health registry as compared to research diagnoses based on structured interview. *BMC Psychiatry*, 17:1–8.

Discussion (25 points)

CDC Assignment (75 points)

Networking and Identifying Your Next Career

In preparation to create your Career Development Assignment:

1. Review the networking resources
2. Complete one or more self-assessments related to career planning

After reviewing the resources and completing the self-assessment(s), prepare a draft of your personal brand image, to include the following:

- Describe the important elements that create the best image of your values, skills, and career preferences.
- Identify and explain the steps you will take to identify and obtain your next career move.
- What objectives will help you achieve your vision?
- What time frame will you set for yourself to complete your objectives?
- What changes do you anticipate in your career area and how can you position yourself for alignment with these changes?

You have multiple options for how you may present your Career Development Assignment, including the following:

- A written reflective essay approximately 2 pages in length.
- PowerPoint presentation (click here for help in creating a PowerPoint presentation)
- Google presentation (click here for help in creating a Google presentation)
- SlideRocket presentation (click here for help in creating a Slide Rocket presentation)
- Prezi presentation (click here for help in creating a Prezi presentation)
- Empressr presentation (click here for help in creating an Empressr presentation)
- Podcast

- Video
- Website

Your well-developed submission should meet the following requirements, regardless of the presentation format you choose:

- Include an introduction, a conclusion, and a references list
- Address all five components listed above
- Include proper citation of any graphs or figures that you do not create yourself
- Be formatted according to the CSU-Global Guide to Writing and APA

Module 8

Readings

- Review Chapters 12, 13, and 14 in *Understanding Research*
- Miller, M.F., Goodson, W.H., Manjili, M.H., & Kleinstreuer, N. (2017). Low-dose mixture hypothesis of carcinogenesis workshop: Scientific underpinnings and research recommendations. *Environmental Health Perspectives*, 125(2), 163–169.

Discussion (25 points)

Portfolio Project (300 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Research Paper

At this stage of your Portfolio Project, you have already developed your project topic/research question and your introduction from the Week 2 milestone. In addition, your Week 4 project milestone has set forth your literature review. This week, you are required to further develop your project by demonstrating communication skills to express ideas, research findings, data analysis, and recommendations with organizational stakeholders using a variety of communication tools.

Note: remember to incorporate your instructor's feedback into this final research project.

You do not need to use primary data for this research. It's acceptable to use secondary data. Contact your instructor if you intend to use primary data.

- Research Purpose
- Research Design (Applies to both qualitative and quantitative research questions)
- Data Collection and Research Participants (from where are you collecting your research data? Who are your participants, and so on?)
- Data Analysis and Reporting Results
- Drawing Conclusions
- Recommendations for Future Studies (Actionable recommendations)

When writing your final paper, be sure to follow these guidelines:

Your paper should be 10-12 pages in length and conform to CSU-Global Guide to Writing and APA. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

Option #2: Research Presentation

Assume you are a final year graduate student of an accredited international university; you are required to present your final research project to your dissertation committee, building upon the milestones in Weeks 2 and 4. This week, you are required to further develop your project by demonstrating communication skills to express ideas, research findings, data analysis, and recommendations with organizational stakeholders using a variety of communication tools.

Note: remember to incorporate your instructor's feedback into this final research project.

You do not need to use primary data for this research. It's acceptable to use secondary data. Contact your instructor if you intend to use primary data.

- Research Purpose
- Research Design (Applies to both qualitative and quantitative research questions)
- Data Collection and Research Participants (from where are you collecting your research data? Who are your participants, and so on?)
- Data Analysis and Reporting Results
- Drawing Conclusions
- Recommendations for Future Studies (Actionable recommendations)

When creating your presentation (using PowerPoint, Prezi, or other presentation software), be sure to follow these guidelines:

Your presentation should be 15-20 slides in length and conform to CSU-Global Guide to Writing and APA. Each slide must include detailed written speaker notes (50-100 words per note page with appropriate in-text citations in APA format). Incorporate graphics. Include at least 10 scholarly references in addition to the course textbook. The CSU-Global Library is a good place to find these references.

COURSE POLICIES

Course Grading

Grading Scale	
A	95.0 – 100
A-	90.0 – 94.9
B+	86.7 – 89.9
B	83.3 – 86.6
B-	80.0 – 83.2
C+	75.0 – 79.9
C	70.0 – 74.9
D	60.0 – 69.9
F	59.9 or below

20% Discussion Participation
45% Critical Thinking Assignments
35% Final Portfolio Project

IN-CLASSROOM POLICIES

For information on late work and incomplete grade policies, please refer to our [In-Classroom Student Policies and Guidelines](#) or the Academic Catalog for comprehensive documentation of CSU-Global institutional policies.

Academic Integrity

Students must assume responsibility for maintaining honesty in all work submitted for credit and in any other work designated by the instructor of the course. Academic dishonesty includes cheating, fabrication, facilitating academic dishonesty, plagiarism, reusing /repurposing your own work (see CSU-Global Guide to Writing & APA for percentage of repurposed work that can be used in an assignment), unauthorized possession of academic materials, and unauthorized collaboration. The CSU-Global Library provides information on how students can avoid plagiarism by understanding what it is and how to use the Library and internet resources.

Citing Sources with APA Style

All students are expected to follow the CSU-Global Guide to Writing & APA when citing in APA (based on the most recent APA style manual) for all assignments. A link to this guide should also be provided within most assignment descriptions in your course.

Disability Services Statement

CSU-Global is committed to providing reasonable accommodations for all persons with disabilities. Any student with a documented disability requesting academic accommodations should contact the Disability Resource Coordinator at 720-279-0650 and/or email ada@CSUGlobal.edu for additional information to coordinate reasonable accommodations for students with documented disabilities.

Netiquette

Respect the diversity of opinions among the instructor and classmates and engage with them in a courteous, respectful, and professional manner. All posts and classroom communication must be conducted in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end read the words?

Maintain an environment free of harassment, stalking, threats, abuse, insults, or humiliation toward the instructor and classmates. This includes, but is not limited to, demeaning written or oral comments of an ethnic, religious, age, disability, sexist (or sexual orientation), or racist nature; and the unwanted sexual advances or intimidations by email, or on discussion boards and other postings within or connected to the online classroom. If you have concerns about something that has been said, please let your instructor know.