CityUniversity
of Seattle

Syllabus

School of Education and Leadership
ECC 511: Research Methods in Education

3 Credits
Effective: Winter 2021

FACULTY

Faculty Name: FACULTY NAME

Contact Information: CONTACT INFORMATION

[INSTRUCTOR MAY INSERT PERSONAL MESSAGE IF DESIRED]

COURSE DESCRIPTION

This course is an introduction to educational research. The goal is to introduce students to various designs and processes in educational research. Students will also learn how to find, evaluate, and critique published research materials in order to better inform their own practise and/or policy making. Upon completion of the course students will have sufficient understanding of educational research to begin formulating their own educational research proposals for their capstone projects.

COURSE RESOURCES

Required and recommended resources to complete coursework and assignments are found on the course Reading List. The reading list can be found under Course Information in Blackboard as well as from the library homepage.

Note: Required resources that must be purchased by the student are tagged "Purchase from a vendor of your choosing." Required resources with a direct link, "Available through CityU Library", are available at no cost to students.

Students in Canada will see required resources they need to purchase tagged "Purchase from the Canadian Bookstore." Students outside the U.S. and Canada should contact their advisor or textbook coordinator for additional information.

- Creswell, J. W., & Guetterman, T. C. (2019). *Educational Research: Planning, conducting, and evaluating quantitative and qualitative research* (6th ed.). Pearson Education Inc.
- American Psychological Association. (2020, January 19). APA Style. https://apastyle.apa.org/
- Panel on Research Ethics, Canada. (2018). *Second edition of Tri-Council policy statement: Ethical conduct for research involving humans.* Ottawa, ON: Secretariat on Responsible Conduct of Research.
- See instructor suggested supplementary resource list for this course

CITYU LEARNING GOALS

This course supports the following City University learning goals:

- Critical thinking and information literacy

COURSE OUTCOMES

In this course, learners:
- Demonstrate an understanding of scholarly research through the analysis of all elements of a research study
- Investigate ethical standards for research with human participants
- Understand and evaluate quantitative and qualitative research methods

CORE CONCEPTS, KNOWLEDGE, AND SKILLS

- Data collection methods in relation to styles/types of research objectives
- Developing a research plan
- Differences in research modalities
- Ethical standards in research
- Evaluation of research rigor

OVERVIEW OF COURSE GRADING

The grades earned for the course will be derived using City University of Seattle's decimal grading system, based on the following:

Overview of Required Assignments	*% of Final Grade*
Attendance and Participation	15%
Collegial Evaluation of Research Approaches	25%
Critique of Research Journal Article	25%
Ethics in Research	10%
Research Plan	25%
TOTAL	**100%**

SPECIFICS OF COURSE ASSIGNMENTS

The instructor will provide grading rubrics that will provide more detail as to how this assignment will be graded.

Attendance and Participation

Class attendance and participation is an integral part of this course. Coming prepared to class is essential because the information, knowledge, skills and expertise they exchange with peers and instructors contributes toward a strong learning community. It is highly important that candidates attend and actively participate in class. In any part of the class, the instructor determines the amount of credit awarded for alternative assignments.

Components	% of Grade
Regular attendance and preparation	30%
Active participation in experiential activities	30%
Collegial participation in class discussions	40%
TOTAL	**100%**

Critique of Research Journal Article

Candidates will select and critically evaluate one scholarly article selected from a list provided by your instructor. Or, if the candidate prefers to conduct a critique of a research article other than those supplied by the instructor (perhaps from a research area of interest to the candidate), candidates must secure the approval of the instructor prior to beginning the assignment. Candidates evaluate the methods used, analysis of the data, implications for practical use, the sphere of influence and conclusions drawn.

Components	% of Grade
Selection of relevant article	25%
Clear identification of research mode attributes	35%
Theoretical reasoning supported by appropriate sources	30%
APA format and writing conventions	10%
TOTAL	**100%**

Collegial Evaluation of Research Approaches

In a small group, candidates will organize a 45 minute presentation on one or two research approach(es), as assigned by the instructor. Candidates are expected to use scholarly resources (4-6 resources) to prepare the presentation and should include a reference list at the end of the presentation. The presentation should include a visual presentation using a slide deck tool available to the instructor and colleagues to view after the presentation. Standard requirements for each presentation are:

1. A clear introduction including the topic of the presentation.
2. An overview of the key concepts and terminology of the research approaches being presented.
3. The presentation must also include a short discussion of a research study and how it fits the criteria of the approach being presented.
4. Part of the presentation must include an interactive class discussion in small groups or as a large group. This may include discussion questions or other creative ideas.
5. A summary or closure of the presentation.
6. Candidates should provide the class and instructor with a 1-2 page handout (physical or digital) with an overview of the major points about the research approach(es) which will also cite the resources used in preparation for the presentation (texts, journal articles, dissertations/thesis, websites, or videos); this is a means of sharing discoveries with your colleagues, which is one demonstration of scholarship.

Components	*% of Grade*
Active participation in group & class discussions	20%
Group Presentation: Clearly stated understanding of the attributes of research approaches	30%
Group Presentation: Theoretical reasoning supported by appropriate sources	25%
Group presentation: Handout (1 - 2 page overview)	15%
APA 7 Style*; Grammar, Spelling, Punctuation	10%
TOTAL	**100%**

Ethics in Research

This assignment will provide candidates with understanding of the role of the Institutional Review Board (IRB), the purpose of ethical review boards in general, and CityU's process for reviewing research projects that involve human subjects. In particular, the IRB has created an online module that is available through the Blackboard virtual learning environment. MEd candidates enrolled in the research methods course are also registered in the ethics module. The

instructor will provide details about the process. Candidates are expected to successfully complete the module before the completion of this research methods course. The module can be done in your own time at home via the internet. Expected completion time is approximately 2 hours. Note: Individual instructors may provide an alternate assignment related to ethics.

Components	*% of Grade*
Successful completion of online ethics module	90%
Email pass confirmation to program coordinator and instructor	10%
TOTAL	**100%**

Research Plan

Candidates will develop a research plan (6 - 8 pages) that will create the first chapter of a possible capstone project. Your instructor will provide the template for the cover page, first chapter, and reference page.

The research plan should demonstrate an understanding of research design and methods with clearly developed sections as outlined in the template provided by your instructor.

It is anticipated that candidates may build on the research conducted in ECC510 (annotated bibliography) and/or their research article critique assignment as a starting point for this research plan assignment. Some time will be allocated in-class for working on this with instructor input. The focus for this assignment is to create a working document and not a final Chapter 1 of your capstone project.

Components	*% of Grade*
Background Information	10%
Statement of Research Issue/Problem	15%
Purpose of Study	15%
Research Question(s)	15%
Significance of the Study	15%
Relevant references for theory and related research studies	15%
Scholarly writing, APA format and writing conventions	15%
TOTAL	**100%**

COURSE POLICIES

Late Assignments

Candidates are expected to submit all assignments by the due dates stated in the syllabus. A late assignment is one that is submitted after the due date and/or after any extension has expired.

If a candidate experiences unprecedented circumstances that will impact the candidate's ability to submit an assignment on time, advise your instructor **before the due date.** A mutually acceptable due date may be negotiated. If the instructor is not advised beforehand of a possible late assignment, penalties may be assigned. This will be decided on an individual basis.

PROFESSIONAL WRITING

Assignments require error-free writing that uses standard English conventions and logical flow of organization to address topics clearly, completely, and concisely. CityU requires the use of APA style (APA 7th edition).

University Policies

You are responsible for understanding and adhering to all of City University of Seattle's academic policies. The most current versions of these policies can be found in the University Catalog that is linked from the CityU Web site.

Antidiscrimination

City University of Seattle and its staff and faculty are committed to supporting our students. We value equity, diversity, and inclusion as a way of life as well as the educational opportunities it provides. City U will not tolerate any form of discrimination based on race, color, ethnicity, sexual orientation, gender identification, socioeconomic status, or religious values. If you have experienced any discrimination based on any of the above, we encourage you to report this to the University. Please report this to your instructor. If you do not feel safe reporting this to your instructor, please report to the Provost or to the Vice President of Student Affairs.

Non-Discrimination & Prohibition of Sexual Misconduct

City University of Seattle adheres to all federal, state, and local civil rights laws prohibiting discrimination in employment and education. The University is committed to ensuring that the education environment is bounded by standards of mutual respect and safety and is free from discriminatory practices.

In the U.S., the University is required by Title IX of the Education Amendments of 1972 to ensure that all of its education programs and activities do not discriminate on the basis of sex/gender. Sex include sex, sex stereotypes, gender identity, gender expression, sexual orientation, and pregnancy or parenting status. Sexual harassment, sexual assault, dating and domestic violence,

and stalking are forms of sex discrimination, which are prohibited under Title IX and by City University of Seattle policy. City University of Seattle also prohibits retaliation against any person opposing discrimination or participating in any discrimination investigation or complaint process internal or external to the institution. Questions regarding Title IX, including its application and/or concerns about noncompliance, should be directed to the Title IX Coordinator. For a complete copy of the policy or for more information, visit https://my.cityu.edu/titleix or contact the Title IX Coordinator.

In Canada, in compliance with the British Columbia Human Rights Code, the Alberta Human Rights Act, WorksafeBC, and the Workers' Compensation Board of Alberta, the University believes that its environment should at all times be supportive and respectful of the dignity and self-esteem of individuals. Discrimination, harassment and bullying conduct, whether through person to person behaviour or via electronic communications such as email or social media is not acceptable and will not be tolerated. As an educational institution, it is our responsibility to cultivate an environment of excellence, equity, mutual respect and to recognize the value and potential of every individual. The University will take all necessary steps to meet or exceed the requirements of the law to prevent discrimination, harassment and bullying. The Respectful Workplace Policy for the prevention of discrimination, harassment and bullying policy and procedure can be found at https://www.cityu.edu/discover-cityu/about-cityu/ under the Policies section or at https://www.cityuniversity.ca/about/.

Religious Accommodations
City University of Seattle has a policy for accommodation of student absences or significant hardship due to reasons of faith or conscience, or for organized religious activities. The University's policy, including more information about how to request an accommodation, is available in the University Catalog and on the my.cityu.edu student portal. Accommodations must be requested by the 20% mark of this course (e.g. day 14 of a ten-week course, day 7 of a 5-week course) using the Religious Accommodations Request Form found on the student dashboard in the my.cityu.edu student portal.

Academic Integrity
Academic integrity in students requires the pursuit of scholarly activity that is free from fraud, deception and unauthorized collaboration with other individuals. Students are responsible for understanding CityU's policy on academic integrity and adhering to its standards in meeting all course requirements. A complete copy of this policy can be found in the University Catalog in the section titled Academic Integrity Policy under Student Rights & Responsibilities.

Attendance
Students taking courses in any format at the University are expected to be diligent in their studies and to attend class regularly. Regular class attendance is important in achieving learning outcomes in the course and may be a valid consideration in determining the final grade. For classes where a physical presence is required, a student has attended if they are present at any time during the class session. For online classes, a student has attended if they have posted or submitted an

assignment. A complete copy of this policy can be found in the [University Catalog](#) in the section titled Attendance under Student Rights & Responsibilities.

Final Assignments Due Date
Final assignments for each class at CityU must be due on or before the final date of the course as indicated in the university's course information system. Due dates that extend beyond the final date of the course may negatively impact tuition funding for students.

Support Services

Disability Services Accommodations Statement
Students with documented disability who wish to request academic accommodations are encouraged to contact Disability Support Services to discuss accommodation requests and eligibility requirements. Please contact Disability Support Services at disability@cityu.edu or 206.2369.4752 or visit the [Disability Support Services](#) page in the my.cityu.edu portal. Confidentiality will be observed in all inquiries. Once approved, information about academic accommodations will be shared with your course instructors.

Library Services
CityU librarians are available to help students find the resources and information they need to succeed in this course. Contact a CityU librarian through the [Ask a Librarian](#) service, or access [library resources and services](#) online, 24 hours a day, seven days a week.

Smarthinking Tutoring
CityU students have 24/7 access to free online tutoring offered through Smarthinking, including writing support, from certified tutors. Contact CityU's Student Support Center at mycityusupport@cityu.edu to request a username and password.