INSTRUCTOR:  Dr. Kevin Watson
EMAIL:      kwatso54@uwo.ca
OFFICE:     TC 116
PHONE:      519.661.2111 x 85896
OFFICE HOURS: By appointment
CLASS TIME: Tuesdays: 2:30 pm - 5:30 pm, TC 310

ENROLLMENT RESTRICTIONS
Enrollment in this course is restricted to graduate students in Music Education, as well as any student who has obtained special permission to enroll in this course from the course instructor as well as the Graduate Chair (or equivalent) from the student’s home program.

COURSE DESCRIPTION
This course is an exploration of both the conceptual ideas and practical applications of quantitative methodologies commonly used in music education research. The purposes of a variety of statistical procedures and a discussion of their strengths and weaknesses for answering particular types of research questions will be addressed. Students will be challenged to critique existing research, analyze and create reports for mock data sets, and apply the analytical tools and methodological designs discussed in the course to their own research interests.

COURSE OBJECTIVES
Upon completing this course students will be able to:

- Discuss basic characteristics of scientific inquiry
- Identify methodologies appropriate for given research questions and problems.
- Identify, explain, and apply basic terminology and concepts associated with quantitative research
- Discuss the development of theory and demonstrate competence in defining concepts, constructs, and operational definitions
- Define and explain the assumptions underlying varying research procedures
- Critique/evaluate published research reports
- Carry out appropriate analyses given sample data sets
- Create figures, tables, and written interpretations of findings given data sets suited to such procedures
- Apply the analytical tools discussed in the course to their own research interests and potential methodological designs
COURSE MATERIALS

Required Texts
- APA Manual - Current Edition
- Additional readings will be posted on OWL

SPSS Software (Student Version)
$55 + tax, license is good for the academic year (until May 2022)
Contact:
Mike Assaf
Institutional Sales - Campus Computer Store
The University of Western Ontario
University Community Centre - Room 34
London, ON N6A 3K7
tel: (519) 661-2111 x 85113
e-mail: massaf@uwo.ca

SPSS is also available in the General Student Labs on campus. To view the current status of the General Student Labs please visit https://wts.uwo.ca/sitelistlicense/other/spss.html

COURSE POLICIES
- Each day all of us build our professional reputations. As such, it is expected that you will attend each class, be punctual, complete readings and assignments in a timely way, and participate fully and respectfully in class discussions.
- All assignment submissions must be word-processed and are due on the assigned due date. Late assignments will be accepted with a grade penalty of twenty percent per day. Assignments submitted more than 30 minutes past the due time will be considered late.
- Please see the University’s policy on Accommodation for Medical Illness detailed below. Numerous absences of any kind will be referred to the Department Chair for consideration of forfeiture of course credit.
- Please turn all cell phones to the off or silent mode during class time. If you choose to bring your laptop/tablet to class, please use it only to access course material or take notes. Please refrain from non-class related communication (e.g., facebook, email, texting, surfing, etc.) during class time.
EVALUATION

The grade for MU9652 will be based on the following (assignment descriptions are on OWL):

Research Hypothesis, due September 17, 2021 @ 5:00 pm (20 points)
Descriptive Analyses, due October 1, 2021 @ 5:00 pm (20 points)
Correlation Assignment, due October 15, 2021 @ 5:00 pm (20 points)
Intervention Design, due October 29, 2021 @ 5:00 pm (20 points)
T-Test Analyses, due November 12, 2021 @ 5:00 pm (20 points)
ANOVA Analyses, due November 26, 2021 @ 5:00 pm (20 points)
Research Study Proposals, due December 10, 2021 @ 5:00 pm (100 points)

Total: 220 points

UNIVERSITY POLICIES

Academic Conduct
Scholastic offenses are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, as found under Graduate Students - Scholastic Discipline at:
https://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_grad.pdf

Accommodation for Medical Illness
The Graduate Program in Music recognizes that a student’s ability to meet their academic responsibilities may, on occasion, be impaired by illness or injury. In order to ensure fairness and consistency for all students, academic accommodation for work representing 10% or more of the student’s course grade shall be granted only in those cases where there is documentation indicating that the student was seriously affected and could not reasonably be expected to meet academic responsibilities. Documentation shall be submitted, as soon as possible, to the office of the Associate Dean (Graduate Studies), not to the course instructor. Students with special learning needs or other circumstances are asked to inform the instructor as soon as possible so that necessary accommodations can be considered.

Students are directed to read the full Senate policy on accommodation for medical illness at the following website:
https://www.uwo.ca/univsec/academic_policies/index.html
Statement on Health and Wellness
Students that are in emotional/mental distress should refer to Mental Health@Western https://www.uwo.ca/health/mental_wellbeing/ for a complete list of options about how to obtain help.

Accessible Education Western (AEW)
Western is committed to achieving barrier-free accessibility for all its members, including graduate students. As part of this commitment, Western provides a variety of services devoted to promoting, advocating, and accommodating persons with disabilities in their respective graduate programs.
Graduate students with disabilities (for example, chronic illnesses, mental health conditions, mobility impairments) are encouraged to register with Accessible Education Western (AEW), a confidential service designed to support graduate and undergraduate students through their academic program. With the appropriate documentation, the student will work with both AEW and their graduate programs (normally their Graduate Chair and/or Course instructor) to ensure that appropriate academic accommodations to program requirements are arranged. These accommodations include individual counseling, alternative formatted literature, accessible campus transportation, learning strategy instruction, writing exams, and assistive technology instruction.

HELPFUL RESOURCES

Writing Tutorial Services
Free comprehensive writing support for students and faculty. Check out the writing support handouts and podcasts.
http://www.sdc.uwo.ca/writing/

Learning Development & Success
SDC's Learning Skills Counsellors provide information and support to help Western students achieve academic success.
http://www.sdc.uwo.ca/learning/