Course Description

Introduces research design and the use of statistical software to collect and analyze data to improve organizational decisions. The focus is on applying statistical tools to find answers to practical IT and administrative management questions.

Prerequisites: ADMG 501

Learner Outcomes

Demonstrate, use, and explain basic statistical terms, sampling, distributions, and concepts.

Select and apply appropriate descriptive statistics, measures, and tools to collect and analyze data.

Research and write a literature review.

Properly state, test, and interpret hypotheses.

Develop conclusions and recommendations based on data collection.
Design and implement an action research plan based on organization information needs.

Present an action research project.

Specific course faculty and materials vary by quarter. Current information can be found on the CWU SAFARI System. ITAM classes are often offered in online, hybrid, or traditional format. Visit the CWU SAFARI system for complete details.

University Policy on Academic Integrity

Academic Integrity is a standard set for this course. Students are expected to complete all of their coursework and assignments using their original words and ideas and will properly cite the words and ideas of others. Students are also expected to be honest in their interactions with the instructor. A student found to have not upheld these expectations is subject to failing this course and shall be subject to disciplinary action or sanction. The University catalog defines the term “academic dishonesty” in all its forms including, but not limited to:

• cheating on tests;
• copying from another student’s test paper;
• using materials during a test not authorized by the person giving the test;
• collaboration with any other person during a test without authority;
• knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of an un-administered test or information about an un-administered test;
• bribing any other person to obtain an un-administered test or information about an un-administered test; substitution for another student or permitting any other person to substitute for oneself to take a test; plagiarism” which shall mean the appropriation of any other person’s work and the unacknowledged incorporation of that work in one’s own work offered for credit;
• "collusion" which shall mean the unauthorized collaboration with any other person in preparing work offered for credit.

University Policy on Special Needs

If you have a disability that may prevent you from meeting course requirements, contact the instructor immediately to file a Student Disability Statement and to develop an Accommodation Plan. Course requirements will not be waived but reasonable accommodations will be developed to help you meet the requirements. You are expected to work with the instructor and the CWU Disability Support Specialist to develop and implement a reasonable Accommodation Plan. For contact information at Center for Disability Services (CDS) please visit: http://www.cwu.edu/~dss/cms/.
CWU Writing Center

Central Washington University is a community of scholars and writers who are supported by the University Writing Center. Peer consultants guide students of all disciplines and all levels toward communication that will be effective in a global and diverse environment. http://www.cwu.edu/learning-commons/university-writing-center