

AMBERTON UNIVERSITY
SYLLABUS FOR LECTURE/CLASSROOM COURSE

RGS6035.01 Theory & Application of Research Methods
Summer 2025

PROFESSOR INFORMATION:

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COURSE INFORMATION:

RGS6035.01 Theory & Application of Research Methods

Level: Graduate

Beginning Date of Session: Saturday, June 14th, 2025

Ending Date of Session: Thursday, August 21st, 2025

Student access available to the Student Portal: Saturday, June 14th, 2025.

Juneteenth Observance- There will be no classes held and no assignments due on Thursday June 19, 2025.

4th of July Holiday: There will be no classes held and no assignments due on Friday, July 4, 2025.

Students enrolled in distance learning courses are not assessed any additional fees for security or identity verification.

COURSE PREREQUISITES:

None

TEXTBOOK(S) AND REQUIRED MATERIALS:

Title: An Invitation to Social Research: How It's Done

Author: Emily Stier & Roger Clark

Publisher: Wadsworth Cengage Learning

Year Published: 2015

Edition: 5th

ISBN: 13: 9781285746425

Price: Available at <http://amberton.ecampus.com>

Amberton University has an agreement with eCampus.com to provide a full-service online bookstore to students. The Amberton University Virtual Bookstore is accessible through the University's website, www.Amberton.edu. There is also a bookstore link in the Student Portal.

The AU Virtual Bookstore provides an easy to use interface, online buyback of books, and same day shipment of most titles with an average delivery time of 2-3 days depending on the student's location. Textbook options include new, used, rental, and electronic media as available.

Since no books are sold on campus, students should plan accordingly and purchase their books in advance of the first day of class, allowing time for shipping. Be certain you are enrolled in the course before purchasing your book(s). All textbook information (Title, Author, ISBN, etc.) is available in course syllabi so students can shop competitively. Most textbooks can be purchased from many different textbook vendors. Some textbooks may only be available on the University's Virtual Bookstore. Students should be careful to obtain the exact resource(s) required for the course.

APA Requirement

APA (American Psychological Association) style is most commonly used to cite sources within the social sciences. This resource, revised according to the 7th edition, offers examples for the general format of APA research papers, in-text citations, endnotes/footnotes, and the reference page. For more information, please

consult the Publication Manual of the American Psychological Association, (7th ed.). All coursework at Amberton University will comply with the standards contained in the APA Publication Manual.

COURSE COMPETENCIES:

The following represents the course competencies for this class. Competencies are equivalent for all lecture and distance learning courses. Following each competency is the assignment used to gain mastery of this area of study.

The course presents the issues relevant to the understanding and application of research methods in the study of human behavior and organizational variables. Aspects of conducting research, methodologies for analysis, and studying and preparing a research project are covered.

UPON COMPLETION OF THE COURSE, THE STUDENT WILL BE COMPETENT IN:

1. Describing and discussing the research process and the scientific method.
2. Selecting procedures to locate unsolved research problems in given areas of interest.
3. Listing and describing the components of a sound research plan.
4. Writing hypotheses and research questions that relate to a given research problem.
5. Identifying aspects of a research situation that involve ethical questions or principles.
6. Conducting a review of the research literature on a given topic.
7. Identifying sections of research reports and aspects of research design that indicate possible bias or contamination.
8. Describing, discussing, and using appropriate sampling procedures.
9. Defining and illustrating the types of validity and reliability and their influence on the research process.
10. Identifying and discussing the significant methods of research.
11. Applying procedures and guidelines for constructing questionnaires.
12. Critically evaluating possible threats to the internal and external validity of a research project.
13. Creating commonly used experimental designs, including specifications for random assignment, formulation of experimental and control groups, and use of pretests and posttests.
14. Writing a document that employs correct grammar, mechanics, and diction; follows APA format for research reports; and achieves the intended purpose of the document.
15. Understanding the available sources of data and where they can be located.
16. Demonstrating the ability to apply the critical evaluation competency in various contexts.
17. Explaining the relevance of critical evaluation and applying concepts to key roles and duties.

COURSE POLICIES:

All assignments, exercises, papers and exams are due according to Moodle drop box due dates. Late work will not be accepted for any reason so view the due dates as the last possible moment for submission. No extra credit or makeup work will be given.

Student's Responsibilities

This syllabus contains information, policies, and procedures for a specific course. By enrolling, the student agrees to read, understand, and abide by the policies, rules, regulations, and ethical standards of Amberton University as contained in the current university catalog and schedule of classes.

Attendance Policy:

Regular and punctual class attendance and engagement is expected at Amberton University. In case of an absence, it is the student's responsibility to contact the professor as soon as possible. If a student intends on withdrawing from a course, it is the student's responsibility to follow the university's policy on formally withdrawing from a course. **Ceasing to attend classes does not constitute an official withdrawal.**

Attendance in a lecture course is defined as punctual arrival to, and engagement in, a full lecture session. A Student in a lecture course missing more than 20% (two class periods for weekday classes or one class period for Saturday classes) of the class meetings may be assigned a grade of an "F" or withdrawn at the discretion of Amberton University.

Attendance in a distance learning course is defined as active participation in the weekly online class sessions. "Active participation" can be defined as: submitting an academic assignment, taking an exam, engaging in an interactive tutorial, participating in an online discussion forum (or chat session), or initiating (or responding to) a communication with a faculty member about an academic assignment or the subject matter of the course. A student not meeting these requirements may be assigned a grade of an "F" or withdrawn at the discretion of Amberton University.

Plagiarism Policy

Plagiarism is the presentation of someone else's work as though it were your own. If you use another person's words, ideas, or information; or if you use material from an outside source – whether a book, magazine, newspaper, business publication, broadcast, speech, or electronic media – you must acknowledge that source. Plagiarism is a violation of the University's code of student ethical conduct and is one that is taken seriously. Amberton University operates on an honor system; therefore, honesty and integrity are essential characteristics of all who are associated with the institution. All Amberton students are expected to abide by the honor system and maintain academic integrity in all their work. Amberton University and its instructors monitor student work for plagiarism and reserve the right to submit such work to technology-based plagiarism detection services and applications at any time.

Self-plagiarism means reusing work that you have already published or submitted for a class. It can involve:

- Resubmitting an entire paper
- Copying or paraphrasing passages from your previous work

Self-plagiarism misleads your readers by presenting previous work as completely new and original. Students may not submit the same paper in substance in two or more classes without prior written permission of the instructors involved.

Amberton University students who use Artificial Intelligence (AI) generated content must adhere to the following policies:

Originality: Students must avoid presenting AI generated content as their own original work. It is essential to acknowledge the involvement of AI in the content creation process in order to maintain academic and ethical standards.

Paraphrasing: When using AI generated content, students must rephrase and/or modify the generated text. Paraphrased AI generated content should also be properly cited.

Acknowledgement: When using AI generated content in any assignment, proper credit must be given to the AI system that generated the content. <https://apastyle.apa.org/blog/how-to-cite-chatgpt>

Students agree that by taking this course, all required assignments may be subject to submission for a textual similarity review to Turnitin.com for the detection of plagiarism and self-plagiarism. All submitted papers will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism in future papers. Use of Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com website.

Turnitin is a writing improvement and plagiarism prevention tool which uses special algorithms, to compare text-based student submissions to the Turnitin database and other online sources. Turnitin produces a detailed **similarity report** that can be customized and viewed by instructors and students.

Turnitin "Draft Coach" is a Google based add-on to Turnitin which supports students in developing high-quality academic writing; and serves as an integrity coach. Draft Coach helps address errors and improve the quality of student's writing by highlighting grammar mistakes, identifying incorrectly cited sources, and scanning for similarity across several databases. By providing formative feedback on how to address citation issues, incorrect grammar, and matches with the Turnitin database, Draft Coach provides explanations to help students become more confident writers, capable of producing higher quality work both in academics and in the workplace.

COURSE DELIVERY METHODOLOGY:

This course is offered as a Lecture/Classroom course. This course requires that students meet at a designated time in the classroom.

The following topics will be covered during the course of this session:

1. Introduction to The Research Process, Chapter 1

- A. The Scientific Approach
- B. Operational definitions
- C. Variables
- D. Hypothesis testing
- E. Discussion of possible research topics

Research Ideas, Chapter 2

- F. Research Ideas
- G. Ethical Research
- H. How to Navigate Through The Library
- I. Introduction to APA

2. Defining and Measuring Variables, Chapter 3

- A. Reliability
- B. Validity
- C. Defining Variables
- D. Measuring Variables
- E. Manipulating Variables

Ethics in Research & Selecting Research Participants, Chapter 4 & 5

- F. Ethical Issues and Human Participants
- G. Ethical Issues and Non Human Participants
- H. Scientific Integrity
- I. Probability and Sampling Methods

3. Research Strategies, Chapter 6 & 7

- A. Quantitative and Qualitative Research
- B. Experimental Research
- C. Correlational Research
- D. Cause and Effect

Design, Chapter 8 & 9

- E. Advanced Experimental Designs
- F. Codes of Ethics
- G. Developmental Designs

4. The Descriptive Research Strategy, Chapter 13

- A. Observational Research
- B. Survey Research
- C. Case Study

Statistical Evaluation, Chapter 15

- D. Descriptive Statistics
- E. Data Organization
- F. Central Tendency
- G. Variance
- H. Correlation Coefficients

Statistical Evaluation II, Chapter 15

- I. Inferential Statistics
- J. Hypothesis Testing
- K. Tests for Correlated Groups

5. APA Guidelines

- A. Communicating Research Findings

Weekly Outline To Keep Us On Schedule

Week 1 – Understanding Research

- Introduce yourself in Discussion Forum #1
- Read Chapters 1 & 2

Week 2 – Forming Research Ideas

- Read Chapters 3 & 4
- Post to Discussion Forum #2
- Identify a topic of interest and begin to locate articles that will shape your research experience

Week 3 – Sampling

- Read Chapters 5 & 7
- Review examples of problem and purpose statements
- Select articles for Statement of Problem & Purpose paper

Week 4 – Introduce a Problem in Research

- Topic Approval Form Due
- Post to Discussion Forum #3

Week 5 – Measurement and Methodology (Quantitative)

- Read Chapter 6 & 8
- Post to Discussion Forum #4
- Hypotheses and independent/dependent variables exercise
- Work on finalizing Review of Literature paper

Week 6 – Measurement and Methodology (Qualitative)

- Assignment #1 – Statement of Problem and Statement of Purpose Due
- Read Chapters 9 - 11
- Post to Discussion Forum #5
- Begin to finalize your methodology for Assignment #3

Week 7 - Measurement and Methodology

- Read Chapter 14
- Read Appendix A (pg. 445) & Appendix B (pg. 449)
- Read a Mixed Methods study
- Work on finalizing Research Methodology paper

Week 8 – Quantitative Data Collection & Analysis

- Assignment #2 - Review of Literature Paper due
- Read pgs. 387 - 405 of Chapter 15
- Review pgs. 137-146

Week 9 – Qualitative Data Collection & Analysis

- Finish Reading Chapter 15
- Post to final Discussion Forum #6

Week 10 – Final week

- Final Exam Due
- Assignment #3 - Research Methodology Paper Due
- Textbook Exercises Due

Week	Topic	Assignment	Competencies Covered	Due Date
1	Introduce yourself in Discussion Forum #1 - Read Chapters 1 & 2		1, 2, 3, 10	6-14-25
2	Read Chapters 3 & 4		3, 4, 5, 10	6-21-25

	- Post to Discussion Forum #2			
3	- Read Chapters 5 & 7 - Review examples of problem and purpose statements		5, 6, 7, 11	6-28-25
4	- Topic Approval Form Due - Post to Discussion Forum #3		7, 8, 9, 14	7-5-25
5	Read Chapter 6 & 8 - Post to Discussion Forum #4		10, 11, 12, 15	7-12-25
6	Assignment #1 Introduction Due - Read Chapters 9 - 11 - Post to Discussion Forum #5		11, 13, 14	7-19-25
7	- Read Chapter 14 - Read Appendix A (pg. 445) & Appendix B (pg. 449) - Read a Mixed Methods study		14, 15, 16, 17	7-26-25
8	- Assignment #2 Literature Review Due - Read pgs. 387 - 405 of Chapter 15 - Review pgs. 137-146		12, 13, 14	8-2-25
9	Finish Reading Chapter 15 - Post to final Discussion Forum #6		8, 9, 10, 16	8-9-25
10	Textbook exercises due Final examination due		1 - 17	8-16-25
	Assignment #3 Methodology Due			

GRADING CRITERIA:

Exercises	25 points
Chats	10 points
Discussion Forum	25 points
Assignment 1	70 points
Assignment 2	80 points
Assignment 3	90 points
Final Examination	100 points
Total	400 points

Graduate

92 – 100	A	368 – 400 points
82 – 91	B	328 – 367 points
72 – 81	C	288 – 327 points
62 – 71	D	248 – 287 points
Below 62	F	Below 248 points

GRADE NOTIFICATION AND INSTRUCTOR FEEDBACK:

Each assignment/exam submitted will be reviewed, graded, and returned to the student in a timely manner, along with appropriate commentary.

Final grades are processed approximately one week after the last day of the session and may be located in the My Grades section of the online registration portal as well as being emailed to the student's Amberton

University email. Amberton University staff will not release grades over the phone. University instructors will not leave a message with comments or grades in any type of media that is not secure.

For questions regarding grades after the semester has ended, students should use their email account and contact the instructor at the faculty email address as provided above in *Professor Information* area.

Incomplete Grades

An "I" (incomplete grade) is given at the discretion of the professor and may be given only when an emergency or illness prevents the student from completing course requirements. Should an "I" be granted, the student has 30 days from the end of the session to complete the conditions of the incomplete. An "I" which is not properly removed within 30 days following the session enrolled will become an "F" grade.

How to Withdraw From a Course

To be official, the class withdrawal must be in writing and signed by the student requesting the withdrawal; no withdrawal is accepted verbally. Please review the "Schedule of Classes" for procedures for class changes or withdrawals and the refund policy and schedule.

COURSE COMMUNICATIONS:

This course is offered as a lecture course; however, several technological options are available to faculty and students that can enhance communication both during the session and after the session has ended. The **Student Portal** is the gateway to email, Remote Research and General Tools. The Student Portal may be accessed through a link on the University's website, <http://www.Amberton.edu>, or at <http://apps.Amberton.edu>.

After selecting the "Student Portal" link, you will be prompted for a Username and Password. Use your assigned **username and password** (AUID) as described below:

Username = your capitalized firstname **initial**+lastname+last 3 digits of your SSN.

* Use your name exactly as it is listed on the University's records, including any suffixes or hyphenations, such as Jr, Sr, or II, as a part of your username.

For example: James Jones, Jr. SSN: 123-45-6789

Username: JJonesJr789

Password = your Amberton University ID# (AUID) **including the dashes**

For example: 04-999-999

Once your login has been validated, you may select from a variety of menu options, including online course materials, email access, Remote Research, General Tools, all Syllabi, and Research Tutorials.

Email Communication

Each student enrolled is assigned an Amberton email account, which gives the student access to the Amberton email system (my.Amberton.edu). This email account is provided by Google Apps for Education. Students are encouraged to check their email regularly for University news, notices, and to communicate with instructors.

The student's assigned email address would be Username@my.Amberton.edu

Example: LJones-Smith789@my.Amberton.edu

The student Username is determined by:

firstname initial+lastname+last 3 digits of student ssn.

For example: Linda Jones-Smith SSN: 123-45-6789

Email Address = LJones-Smith789@my.Amberton.edu

Students will be prompted for a Username and Password when accessing their email account. Use the Username portion of the email address as the username (Example: LJones-Smith789) and your Amberton ID# (including the dashes) as the password.

If you already have a Google Gmail account, you might be prompted to add this account to your current settings. Click 'Yes' and you will be logged into your my.Amberton.edu email account. It will be a separate email account from your personal Gmail account.

If you need assistance with your email account, please visit <https://support.google.com/mail>

The Amberton University Moodle Website

Students enrolled in this course will also be using the Moodle Learning Platform, with access available through the Student Portal or by going to: <http://moodle.Amberton.edu>

For those utilizing Moodle for the first time, the **username and password** for the Moodle Learning Platform will be emailed to the student's email account prior to the start of the course. For those returning to Moodle who do not remember their username and password, click on the link "*Forgotten your username or password*" available on the Moodle log in page (<http://moodle.Amberton.edu>). Otherwise use the same username and password as previous session.

Moodle Tutorial:

Upon successful log in and access to the Moodle learning platform, there is a *Student Moodle Tutorials* course available, to learn about the basics of Moodle. Simply click on the link for the *Student Moodle Tutorials* and read through the various learning topics: Navigating; Communicating; Assignments & Exams; Grades; and Student Resources.

INSTRUCTOR/COURSE EVALUATION:

Each session, all Amberton students are requested to evaluate their courses. The evaluation process is an important one and provides students with an anonymous and confidential way to give meaningful feedback to the University. Summary information and comments are provided to faculty after the close of the session. Students' identities are not disclosed.

Students will be notified through the Amberton email system of the Course Evaluation procedures. Usually, the evaluations take place in class during week 9 of the session. Please take advantage of this opportunity and participate in the evaluation process.

RESEARCH RESOURCES:

The Library provides access to full-text, and peer reviewed articles, and digital research tools. Students can search Library holdings through the online catalog and databases search engines available on the Library website or browse the physical library space and holdings located at the Garland campus.

Research items not contained in the Amberton Library collection can be located through interlibrary Loan (ILL) or through the TexShare program with the help of the Library staff. Students with questions about available services, resources, or research, may contact the Library via email at Library@amberton.edu.

RESEARCH ACCESS:

Databases can only be accessed by authorized users, and students at Amberton must enter their Amberton ID credentials-same as Moodle login-to gain access when off-campus. Use an Amberton website, such as the University site (Amberton.edu) or the library site (Library.amberton.edu) to find links to databased and digital books. Online resources are available all day, every day.

Library Live Chat Feature

Library staff are available to assist students with research problems or questions during Library hours through a live online chat feature, telephone, email, "How-to" videos, or in person. The library telephone is (972-279-

6511 ext. 185. You can email questions to library@amberton.edu or visit the library in person on the Garland campus for assistance.

Microsoft Office 365 Education:

Amberton University students have access to a license for Office 365 Education, a comprehensive suite of productivity tools. This package includes:

- Microsoft Word for document creation
- Excel for spreadsheets and data analysis
- PowerPoint for presentations
- OneNote for digital note-taking
- Microsoft Teams for collaboration
- Additional classroom tools to enhance your learning experience

To set up your student account and access these resources, please follow the instructions provided in our step-by-step guide: https://amberton.edu/wp-content/uploads/2025/01/Office365_Setup_Students.pdf

Google Workspace for Education:

All students are assigned a Gmail account in Google Workspace for Education.

To set up your student account and access these resources, please follow the instructions provided in our step-by-step guide: https://amberton.edu/wp-content/uploads/2025/01/Google_Drive_Students.pdf

Once logged into your student account, you'll have access to a suite of tools designed to enhance your learning experience:

- Google Docs: Create and edit essays, reports, and other written assignments
- Google Slides: Develop engaging presentations for projects and class discussions
- Google Sheets: Perform data analysis, create charts, and manage calculations
- Google Drive: Store, organize, and easily access all your files in the cloud
- Google Calendar: Schedule study sessions, track assignment deadlines, and manage your academic timetable
- Google Keep: Take and organize quick notes during lectures or study sessions
- Google Meet: Attend virtual classes, participate in group study sessions, or meet with teachers
- Google Classroom: Access course materials, submit assignments, and receive feedback from instructors
- Google Forms: Create surveys for research projects or participate in class quizzes
- Google Sites: Build websites or digital portfolios to showcase your work