Syllabus

TECH5303 Research Techniques in HRD & Technology

Instructor

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Welcome

Welcome to the HRD online program at UT Tyler and to TECH 5303, Research Techniques in HRD and Technology. I am your instructor, Greg Wang; and I look forward to meeting with you in our virtual classroom. This course is designed to help students with various backgrounds understand and practice the basic steps in conducting and reporting original research.

This course is developed in a modular format to assist you in organizing your time and efforts. Each module will describe a particular aspect of research and will provide resources for further investigation. Each module will specify required reading, writing, and discussion requirements.

Please read through each section of the Syllabus carefully. If you have any questions, make a note of them and we will address them in our Discussions area. Please refer back to the information contained in this Syllabus anytime you have a question regarding the basic course information. You may wish to print out the Syllabus for your future references along the learning process.

One final note, if you are unfamiliar with accessing the Internet or have questions regarding technical requirements, you may want to look at the services available in the Technical Support section of the UT Tyler Blackboard home page. A list of basic technical requirements is also listed in this Syllabus for your convenience. In addition, you can access the UT Tyler website for general information and its student services.
Introduction

If this is your first time to take a Web-based online course, you will find it dramatically different from your previous experiences. There is no face-to-face contact with your instructor and fellow participants. You may feel you are working alone. You may feel confused and anxious because you can’t ask questions and receive immediate feedback.

Relax! You are not alone, and any anxiety you feel will go away as you become familiar with this environment. You may even begin to prefer this environment because of the flexibility that it affords you in managing your time and the learning materials.

I want to stress to both the experienced and inexperienced online course participants that the key to successful completion of this online course, or any online course, is organization. This syllabus outlines in detail my expectations of you as participant, including required textbooks, grading policies, assignments, and projects, and a schedule of readings and assignment/project due dates. This is not a self-paced course. Deadlines exist because the course is offered within the UT Tyler course schedule and to help you complete the course successfully in a timely manner.

As mentioned earlier, the course has been designed in modules to assist you in organizing your efforts. There are five instructional modules that require you to read assigned text material, to respond to discussion questions, to prepare assignments, and/or to perform other tasks, such as reading or reviewing other material. The primary tasks in this course are the preparation and presentation of a research proposal and a final project.
Course Description and Prerequisites

Description

TECH 5303 – Research Techniques in HRD and Technology: An orientation in types of research, literature, and proposal development. A research project is required. Course topics include introduction to research, the research proposal (including the research problem), review of related literature, research methodology and data analysis, and the research summary (findings, conclusions, and recommendations for future research).

Course Prerequisites

To take this course, you need to be in graduate standing. If you are taking this course as part of the Master's of Science in Human Resource Development and have not completed a degree plan, please contact your program advisor for additional requirements and procedures.

Course Goals and Objectives

Goals

- Develop an understanding and appreciation of the nature of scientific thinking (the scientific method).
- Discuss and analyze the nature and purpose of research in HRD and technology.
- Develop an understanding of the preparation for and steps performed in an original piece of research.
- Conduct an original research project.

Student Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Define, compare, and contrast validity and reliability in research.
- Write an outline of the content of a research proposal and explain each component.
- List the four chapters of a research project and discuss the organizational structure of each chapter.
- Write a detailed explanation of the research cycle, including the relationship of the cycle to the parameters of the scientific method.
- List and explain the four research methods, including characteristics, demands upon data, and the application of each method.
- Plan and conduct an original research project and write an accompanying research report.

Course Competencies

1. Computer-Based Skills: Participants will use a variety of skills in the online environment.
2. Communication skills: Participants will use a variety of communication skills in communicating their opinions, findings, expertise, and knowledge about various course topics to other participants and the instructor.

3. Interpersonal skills: Participants will interact as they discuss their individual research projects.

4. Problem Solving (Critical Thinking): Participants will use conceptual thinking, creativity, and innovation in developing and presenting their responses to module assignments.

5. Ethical Issues in Decision Making and Behavior: Participants will demonstrate ethical behavior in obtaining information and in documenting referenced material used in assignments.

6. Personal Accountability for Achievement: Participants will complete assignments according to the designated schedule and will participate in discussions in a timely manner.

7. Competence in Technology Principles: Participants will apply course concepts to their own area(s) of subject matter expertise.

**Course Requirements**

Reading Assignments

- Each participant is responsible for completing the reading assignments in a timely manner. Deadlines are listed in the Course Outline.
- Discussion and written assignments are made with the assumption that required reading assignments are completed prior to completion of discussion and written assignments.

Discussion Assignments

- The Discussion Board is located in the Communications area.
- Each participant is responsible for participating in the asynchronous discussions of each module. The participation will include posting responses to prompts posted by the instructor as well as replying to other participants’ postings. Virtually all discussion prompts will be related to your research project. All class participants are expected to engage in presenting their own progress as related to their research project as well as contributing insights to others’ postings.
- Discussion postings should be made in a timely manner. Deadlines are listed in the Course Outline.
- Please note that all discussion postings must be completed by midnight Central Standard Time on the due date.
- The quality of your discussion contributions is more important than the quantity. A participant’s comments should add to the discussion. I will let you know individually if your contributions to class discussion are not meeting my expectations.

- Note: When posting to the discussion area, please enter your comments directly into the discussion board. Do not attach documents to the discussion board, as this method is difficult for some students to access.
Written Assignments

- All written assignments are to be completed in Microsoft Word (in *.doc format, not *.docx format) or as Rich Text Format, and submitted in a timely manner. Deadlines are listed in the Course Outline. Please note that all written assignments must be submitted by midnight Central Standard Time on the due date.
- All written assignments should be submitted to the course Assignments area. If your Web connection is down for some reason, assignments may be faxed to 903-565-5650 attention to Dr. Wang. Please note that if your assignment is faxed, turnaround time for grading may be longer.
- Plagiarism is a serious academic offense. Please avoid the consequences of academic dishonesty by citing all sources that you use in your work (Online applications are available to locating plagiarism). Other academic dishonesty include unauthorized collusion and cheating, as outlined in the Handbook of Operating Procedures, University of Texas at Tyler will not tolerate these behaviors. University regulations require the instructor to report all suspected cases of academic dishonesty to the Dean of Student Affairs for disciplinary action. In the event disciplinary measures are imposed on the student, it becomes part of the student's official school records. Also, please note that the handbook obligates you to report all observed cases of academic dishonesty to the instructor.
- Late assignments will receive point reductions (see Grades & Grading within this Syllabus).
- The Final Research Project will be submitted to Blackboard as attachments instead of emailing to the instructor. Submission will be in the designated subject areas found under Discussion Board link. Because UT Tyler's email has a designated box-size, emailed attachment may be return to you as undeliverable mail. To avoid such cases, please submit all assignment via Blackboard.

Completion Time

You should expect to spend as much time on an online course as you do in a face-to-face course. The amount of time required for this course will vary from student to student, depending on your chosen research project. Keep in mind that your project must be completed in this one semester. It is imperative that you learn to work independently on this project and that you pace yourself throughout the semester. Your project will not be one that can be completed in one week! Periodically, I will ask you to report on your progress.

You will have access to all course materials from the start of the course to the end. You may look and study ahead, or go back and review, at any time during the course. All assignments have set due dates. Due dates are as of midnight Central Standard Time on that date.

Assignments/Projects Turn-In Process

All assignments and projects will be submitted through the assignments link in each module. Use the following process to prepare and submit assignments:
• Prepare your assignment using Microsoft Word or Rich Text Format. Name your assignment with the following convention: first initial, last name, the dash sign (-), assignment title (e.g. gwang-proposal.doc).
• Click on “Discussion Board,” there should be a subject line under a file icon “Submit your assignment here”
• Click on the file icon, you will see “Submit your assignmentxxx here”, and click on “Reply”
• Attach your assignment following the link.
• Click on “submit”
• This is similar to the discussion process discussed below.

(Note: Usually you can submit assignments through “Digital Dropbox” link. However, at the time I develop the syllabus, this link cannot be accessed. Therefore, let us use the above process for submission of assignment until my further instructions).

I will post an announcement when papers have been graded.
If you need more instructions on how to submit files through the assignment, please read the Blackboard Student Manual located in the Tools area.

Email and Course Discussions

Email

To communicate by e-mail within the course with other participants or all participants, click Communications button on the left. Click Send E-mail to send a message. You are able to send messages to All Users or Select Users in the course, including the instructor. In the Communications area, you are also able to view all the participants’ e-mail addresses, if they have chosen to make their e-mail public. Click on Communications, then choose Roster, then type in the person’s name you are trying to find, or choose all. This is also the method to view a student’s home page if one has been created. If you need more instructions on how to send e-mail messages with Blackboard please read the student manual located in the Tools area of the course. The course e-mail is gwang@utttyler.edu.

Questions or problems other than technical problems (see Technical Requirements in this Syllabus) may be submitted to the e-mail address above.

I usually “live” on the Internet and answer my e-mails on the same day I receive them. Occasionally, I will have international trips that may prevent me from accessing the Internet on another part of the world. If my schedule will make me unavailable to answer e-mails for a day or two, I will put an announcement out so that you can plan accordingly. One caveat: technical problems in e-mail systems may slow down responses!

Discussions

The Discussions feature in Blackboard is an online discussion forum in which students and instructor can communicate asynchronously (anytime) via message postings. When you click the
Discussion Board link located in the Communications area, a listing of general subject categories will appear in a table format. Each general subject category is represented by a file folder icon. All threads (topics) pertinent to a general subject category will appear as links under that subject category folder. The instructor has control of what general subject categories are available for discussion in the course. At the instructor’s discretion, students may or may not have the option of starting a new thread under the general subject categories and may or may not be able to edit their comments after they have been posted.

Students can (and will be required to) respond to threads in the course discussion. To respond to a thread:

- Click Communications located in the left-hand navigation bar
- Click on Discussion Boards
- Click on a forum link to open it and view the contents within
- Open a message
- Click Reply to respond to the message

Your response will now appear in the table, along with your name as author and date/time of posting. Icons will appear on the right side of the table that indicate a response, edit, or delete option. If the edit icon or the trash can (delete icon) doesn't appear, the student doesn't have editing or deletion privileges.

If your instructor chooses to assign you to a group, you will also see Group Pages in the Communications area. Click on the Group Pages icon that displays all of the options assigned to the group. Only those students assigned to that group will see and have access to the group activities. This allows the students to communicate and post information on any projects assigned to them.

Check the discussions area often. Since the discussion is asynchronous, other responses will be submitted after your post. Be sure to check the discussions area each time you log into the course, to view any added material.

**Grades and Grading**

Final grades for the course will be determined based upon the following criteria for assessment:

- **A** – Exceptional work; demonstrates full understanding of topic in written assignments; demonstrates graduate-level written communication by attention to conventions of standard written English and good writing “flow”

- **B** – Good work; demonstrates basic understanding of topic in written assignments; acceptable demonstration of graduate-level writing; some lack of attention to detail in content or presentation.
• C – Shows only some understanding of basic concepts; written assignments lack attention to conventions of standard written English; incomplete responses; consistent lack of attention to detail.

• D – Failure to demonstrate understanding of basic concepts.

• F – Failure to complete assignments.

The work you will perform for this course is weighted as follows:

Research Proposal 25%
Research Concepts Response Paper 25%
Research Project 50%

Grading components are assigned weights based upon the work required of the participant and the importance to the course. A letter grade will be deducted for each day an assignment is submitted after the due date unless prior approval has been acquired from the instructor. Assignments may be submitted prior to the due date listed in the Course Schedule.

Textbooks

The required textbooks for this course are:


The optional textbook for this course are:


Class participants may purchase these texts, new or used, from the UT Tyler Bookstore or any other sources.

Required Readings
I provide the following samples of my recent publications for your reference for the following purposes:
1. Practice your literature search skills. All the listed documents below are available from UT Tyler online library. Please use your patriots ID and password to locate the articles.

2. Familiarize with APA citation styles. All the references in your assignment is to follow APA style. The list below are examples.

3. Writing style and format. The listed samples should get you familiarize with scholarly writing.
(This is a quantitative study)

(This is a literature review-based research and analysis to show you how to conduct research without numerical data being collected)

(This is a qualitative study based on interview data collection method)

More samples will be provided as we move along the learning process and as needed.

Accessing Library Resources

Students enrolled in this course have several options to access library resources. You may visit your home campus library or you may access the UT Tyler Online Library. You may also use the Robert R. Muntz Library at the University of Texas at Tyler. Follow the link below, and then complete the instructions at those sites for accessing information from a distant site: 
(http://library.uttyler.edu)

Some links within the course lectures may refer to material located in the UT TeleCampus Digital Library: http://supportcenteronline.com/ics/support/default.asp?deptID=688. When you click on the link in the course, you will go to the UT TeleCampus Digital Library Proxy Login. You must login with your TeleCampus username and password. This is the same username and password you use to access your courses and the TeleCampus Information System (TIS). Once you enter your username and password, you will be directed to the material in the link. Please choose Full-PDF or Full-HTML version to view the contents. Adobe Acrobat is required to view PDF files.

### Course Evaluation

Also, an end-of-semester evaluation specifically for this course will be made available for you to complete in the last week of instruction. This evaluation will be reported anonymously. Your comments and recommendations will be seriously considered as the course is updated. Your input throughout the semester contributes to my commitment to continually improve the quality and relevance of this course.

### Technical Requirements and Assistance
This page is offered to provide a centralized listing of important links for technical assistance.

If you experience technical problems or have a technical question about this course, you can obtain assistance from the following site: http://www.utttyler.edu/it/index.html

You may also visit the following sites for helpful information:

Minimum Computer Requirements:
http://www.telecampus.utsystem.edu/technicalinformation/computerrequirements.aspx

Browser Configurations and Plug-Ins
http://www.telecampus.utsystem.edu/technicalinformation/computerrequirements.aspx

Frequently Asked Technical Questions

Navigation

In order to effectively participate in online learning, it is imperative that you understand how your course is arranged and how to access and contribute information. If you have a question regarding the navigation within this course please refer to the Blackboard Student Manual located in the Tools area.

UT TeleCampus Resources

The UT TeleCampus provides several resources to assist you and make your online learning experience a positive one. A listing of resources is available at the Student Services link on the UT TeleCampus Web page. Some of the highlights are:

- Campus contacts available to help you through the registration process
- Technical assistance 24-hours-a-day / 365-days-a-year
- Free access to SMARTTHINKING, an online tutorial service
- Digital Library, complete with a digital librarian to answer your questions via e-mail or phone
- UT4Me Online Newsletter

Selected University Policies

Grade Replacement/Forgiveness

If you are repeating this course for a grade replacement, you must file an intent to receive grade forgiveness with the registrar by the 12th day of class. Failure to do so will result in both the original and repeated grade being used to calculate your overall grade point average.
Undergraduates will receive grade forgiveness (grade replacement) for only three course repeats; graduates, for two course repeats during his/her career at UT Tyler.

Disability Services

If you have a disability, including a learning disability, for which you request disability support services/accommodation(s), please contact UT Tyler Disability Support Services office so that the appropriate arrangements may be made. In accordance with federal law, a student requesting disability support services/accommodation(s) must provide appropriate documentation of his/her disability to the Disability Support Services counselor. In order to assure approved services the first week of class, diagnostic, prognostic, and prescriptive information should be received 30 days prior to the beginning of the semester services are requested. For more information, call or visit the Student Services Center located in the University Center, Room 282. The telephone number is 903-566-7079 (TDD 565-5579). Additional information may also be obtained at the following UT Tyler Web address: http://www.uttyler.edu/disabilityservices.

Student Absence due to Religious Observance

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester. Student Absence for University-Sponsored Events and Activities If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Student Standards of Academic Conduct

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

i. “Cheating” includes, but is not limited to:
   - copying from another student’s test paper
   - using during a test, materials not authorized by the person giving the test
   - failure to comply with instructions given by the person administering the test
- possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed “crib notes”. The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program
- collaborating with or seeking aid from another student during a test or other assignment without authority
- discussing the contents of an examination with another student who will take the examination
- divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructor has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student
- substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment
- paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program, or information about an unadministered test, test key, homework solution or computer program
- falsifying research data, laboratory reports, and/or other academic work offered for credit
- taking, keeping, misplacing, or damaging the property of U. T. Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct
- misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially

ii. “Plagiarism” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another’s work and the submission of it as one’s own academic work offered for credit.

iii. “Collusion” includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

Getting Started

You may wish to keep a printed copy of this syllabus so that you can refer back to the information contained anytime you have a question regarding the basic course information.

Please begin this course by clicking on the Modules button in the left-hand navigation bar, then choose Module 1.