

School of Social Work

SWK 590: RESEARCH METHODS IN ADVANCE SOCIAL WORK PRACTICE

SCHEDULE: Thursdays 6:00-9:00pm

According to State of Texas HB 2504, this course syllabus must be submitted for review prior to the course's scheduled start date. Therefore, the instructor has the right to modify this syllabus and course calendar at any time between submission for publication and the first day of class. Furthermore, the instructor has the right to modify the syllabus as any time during the course provided (1) such changes do not increase expectations or requirements beyond a reasonable equivalent and (2) students must be given ample notice of any changes

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Office Location: Henderson 323C

Office Hours: Tuesdays 10:45 am -12:00 pm & 2:15-3:15 pm Thursdays 10:45 am -

12:00 pm & 2:15 - 4:45 pm

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Overview of Course

COURSE DESCRIPTION:

This course provides students with information on advanced techniques of practice and program assessment. Both qualitative and quantitative research designs are taught. Evaluation research design, instrument selection and development and techniques of data analysis are addressed. Ethical and behavioral issues in evaluation research are presented. Prerequisite: SWK 531 or admission to the Advanced Standing Program.

COURSE OBJECTIVE(S):

This course prepares students with knowledge, skills and abilities to evaluate research studies, apply research findings to practice and evaluate their own practice interventions by employing research methods.

The course prepares students to plan interventions with measureable goals and outcomes, select appropriate measures and prepare to conduct appropriate analytical and statistical methods in the evaluation process.

RELATIONSHIP TO OTHER COURSES:

This course stresses the importance of evidence based theory and practice methods. Consequently, it supports the practice courses that emphasize the importance of demonstrating effectiveness in professional interventions. This course builds on research knowledge and skills learned in prior research methods courses taken in a student's BSW coursework or in the Foundation sequence. This course draws on materials from practice and HBSE to illustrate social work research principles and it develops a professional model that utilizes practice evaluation to formulate a continuous improvement cycle in professional practice. The course prepares students to develop an advance generalist model that is ultimately autonomous and self-correcting.

PROGRAM GOALS:

- 1. Prepare MSW graduates for professional advanced generalist practice that reflects application and integration of critical thinking, theoretical frameworks, and differential interventions.
- 2. Enable MSW graduates to apply ethical reasoning to advance equality, justice, and social change.
- 3. Promote leadership and service that is relevant to individual contexts of practice and enhances well-being and quality of life.

CORE COMPETENCIES

Council on Social Work Education (CSWE) requires a competency-based approach to identify and assess what students demonstrate in practice. In social work, this approach involves assessing students' ability to demonstrate the competencies identified in the

educational policy. Students achieve programmatic goals listed above through demonstration of the following competencies for Advanced Generalist Practice (AGP).

Competency AGP 2.1.1 Exemplify professional social work behavior and standards

Competency AGP 2.1.2 Apply social work ethical principles to resolve dilemmas and create positive change

Competency AGP 2.1.3 Critically analyze practice solutions and

Communicate judgments and reasoning through decisionmaking processes

Competency AGP 2.1.4 Demonstrate the ability to build strengths based on mutual engagement with diverse populations

Competency AGP 2.1.5 Demonstrate commitment to strategies that address discrimination, reduce disparities, and promote social and economic justice

Competency AGP 2.1.6 Contribute to evidence-based best practice approaches to assess and improve effectiveness

Competency AGP 2.1.7 Differentially apply theories and frameworks of HBSE

Competency AGP 2.1.8 Promote social policies to improve service delivery systems

Competency AGP 2.1.9 Use leadership skills to respond, influence, and shape

changing contexts

Competency AGP 2.1.10 Demonstrate autonomy in dynamic practice situations that involve:

- 2.1.10.1 Relationship-building at all levels of systems
- 2.1.10.2 Evidence-based assessment tools and intervention approaches
- 2.1.10.3 Effective intervention with complex problems and prevention strategies

2.1.10.4 Response to the feedback process from interventions

Competency AGP 2.1.11: Develop leadership skills as advanced generalist practitioners to enhance organizations and communities

Competency AGP 2.1.12: Demonstrate innovative problem-solving in social and organizational systems

Practice Behaviors

Each competency (outlined above) describes the knowledge, values, skills and cognitive and affective processes that compromise competency at the Advanced Generalist Practice (AGP) level. While content and activities of each course in the MSW curriculum covertly or overtly addresses each of the nine competencies, identified within each course is a set of specific practice behaviors representing observable components of one for more competencies. Content and assessment reflect the bolded competencies and the following practice behaviors:

AGP 1.6a Uses research and evaluation to assess intervention, efficacy and effectiveness

AGP 1.6b Develops and shares data to enhance best practices and professional knowledge

AGP1.6c Uses evidence-based research findings to improve practice

AGP 1.10j. Assesses, intervenes, and evaluates complex problems with all systems.

Course Structure

Texts and Associated Materials

Required Texts:

Kyrsik, J.L. & Finn, J. (2013). Research for Effective Social Work Practice. 3rd ed. New York, NY: Routledge

Publication manual of the American Psychological Association (2009). 6th ed. Washington, DC: American Psychological Association

Additional Readings Suggested:

Galvin, J.L. (2009). Writing literature reviews: A guide for students of the social and

behavioral sciences. 4th ed. Pyrczak Publishing

Grinnell, R.M. Jr. & Unrau, Y.A. (n.d.). *Social Work: Research Proposals: A workbook.* Pairbond Publications.

RECOMMENDED!

You will be expected to start to develop your own resource list in your research area. You should also include articles and resources that include ethical issues concerning research with your population/question under study. The reference list at the end of this syllabus may also provide some resources for your study.

Overview of Course Assignments

1. Research Proposal (150 pts)

a. Students will complete a full research proposal for submission to the Institutional Review Board for approval. Upon approval from the IRB, students will begin data collection and complete the final manuscript in SWK 595 (in the semester immediately following this course). Formatting for the Research Proposal is located in Appendix A

2. Literature Review (75 pts)

 Each student will complete a full review of the literature on a selected topic related to the proposed research study

3. Comprehensive Examination (100 pts)

Grading Scale

90-100% of points = A

80-89% of points = B

70-79% of points = C

60-69% of points = D

Less than 60% of points = F

Policy on Due Date

All assignments must be turned in on the scheduled due date. Late papers will be given an automatic grade of zero (0) for that assignment. Students are encouraged to plan ahead and duplicate all work onto an alternative electronic device to avoid technological problems or loss of information. Electronic copies enable students to access their assignments on one of the campus computers should their personal computer become inoperable.

ALL written assignments will be submitted in the correct drop box, online in eCollege by the due date and time. **DO NOT** email an assignment to me. In the hordes of email I receive daily, many get lost. It is your responsibility to know how and if your computer software is compatible with eCollege for uploading assignments.

Student Rights and Responsibilities

"Civility in face-to-face classrooms, online courses and in labs, internships, practicum and all other academic settings necessitate respect for the opinions of others and is very important in all academic settings. It is likely you may not agree with everything that happens or discussed in the academic setting; however, courteous behavior and responses are expected. To create a civil and preserve learning environment that optimizes teaching and learning, all participants share a responsibility in creating a civil and non-disruptive forum" (Student Guide Book, p 35). To create an optimum learning environment, students have rights and responsibilities.

Student Rights

As set forth in Texas A&M University System Policy 13.02

The rights of students are to be respected. These rights include respect for personal feelings; freedom from indignity of any type, freedom from control by any person except as may be in accord with published rules of the system academic institutions, and conditions allowing them to make the best use of their time and talents toward the objectives, which brought them to the system academic institutions. No officer [university faculty, employee] or student, regardless of position in rank, shall violate those rights, any custom, tradition or rule in conflict will be allowed to prevail.

Students are expected at all times to recognize constituted authority, to conform to the ordinary rules of good conduct, to be truthful, to respect the rights of others, to protect private and public property, and to make the best use of their time toward an education.

Students with Disabilities

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a

learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce Gee Llbaray - Room 132 Phone (903)886-5150 or (903) 886-5853 Fax 9903) 468-8148 StudentDisabilityServices@tamuc.edu

Students Responsibilities

Class Attendance and Participation Policy

- ➤ Class participation has three components: (1) appropriate interactions with classmates; (2) active involvement in class activities and (3) attentiveness
- > Students will attend class, reflecting responsibility, inherent in the development as a social work professional. Being on time and prepared when class begins and remaining present throughout the entire class meeting demonstrates emerging professional behavior expected in social work graduates. Roll is taken in each class to document students' attendance.
- ➤ Classroom exercises, discussions, role-plays, guest speakers and other in-class experimental exercises are essential for a student's professional learning and continued development of self-awareness. Tardiness (or early departure) of more than 15 minutes will count as one-half absence and two (2) times being late to class or two (2) early departures culminating into one absence.
- A student is absent if he/she arrives more than 30 minutes late to class, leaves 30 minutes early or does not come to class.
- ➤ The following penalties for absences (unexcused, or excused, according to university policy) will be administered:

Weekly (class meets 1X week)	Up to 2 absences: No Penalty	3 absences: 1 letter grade drop	4 absences: Cl	ass grade of
Bi-Weekly (class meets 2X week)	Up to 3 absences: No Penalty	4 absences: 1 Letter grade drop	5 absences: 1 Letter grade drop	6 absences: Class grade of "F"
Summer 10-week	Up t o 1	2 Absences: 1	3 absences: Cl	ass grade of

absence: No Letter grade "F" Penalty drop

Online, Blended and Web Enhanced Classes: Just as students are required to attend face-to-face classes, students are required to log in and participate in online venues. To receive credit for attendance online via eCollege, students must log in and complete

assignments as required in the course. Not logging onto eCollege (monitored by the instructor) and completing assignments online during the required time is the equivalent

of an absence for each week this occurs.

Final Evaluation and Grade Depends on both Classroom attendance and Participation Inadequate participation or lack of required time commitment in each class significantly affects students' grades. No matter the course venue, students must engage in a comparable amount of time. Expectations of both Face-to-Face classes and those with Online components include time spent reading and studying course material.

Student Conduct

Students preparing to become professional social workers must adhere to the *University* Code of Conduct, Department Code of Conduct and National Association of Social Workers' (NASW) Code of Ethics.

University Code of Conduct located in the Student Guide Book at http://www.tamuc.edu/campuslife/documents/studentGuidebook.pdf (pp 34- 66). On the University Website under Campus Life Documents

To become aware of University policies related to student academic and behavioral expectations for students refer to the Guidebook.

Department Code of Conduct

"Faculty have the authority to request students who exhibit inappropriate behavior to leave the class/lab/internship practicum or to block access to online courses and may refer offenses to the [Academic and Professional Issues Committee (API)] or to the Department Head. More serious offences by be referred to the University Police

Department and/or the Judicial Affairs Office for disciplinary action" (Student Guidebook p 35)

Social Work students conduct themselves in an ethical and professional manner. Closely linked with professional recognition is the social worker's compliance with the profession's ethical standards. It is imperative for professional social workers to be competent and ethical in practice if the profession is to maintain the public trust. It is essential that each social work student gain a thorough understanding of the ethical principles that guide practice and actively demonstrate in behavior, both in and out of the classroom. Student conduct is to reflect the tenets of *NASW Code of Ethics* (located at https://www.socialworkers.org/pubs/code/code.asp) on the NASW website: https://www.socialworkers.org

Approved statement for inclusion in university publications (i.e. Syllabi, Faculty Handbook, Undergraduate and Graduate Catalog, Student Guidebook ...)

Campus Concealed Carry

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations. For a list of locations, please refer to ((http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf) and/or consult your event organizer). Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

Plagiarism and Academic Dishonesty

There is an expectation of maintaining high standards of integrity and honesty by all

Social Work Graduate students at Texas A&M University-Commerce. Faculty and staff are expected to uphold and support student integrity and honesty by maintaining conditions that encourage and enforce academic honesty. <u>Conduct that violates</u> generally accepted standards of academic honesty is academic dishonesty.

The School of Social Work follows University Procedure 13.99.99.R0.10 Graduate Student Academic Dishonesty (available at http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf)

Students are expected to read and understand the University's Academic Dishonesty

Policy

The Office of the Provost documents and maintains a record of all incidents of academic dishonesty. Multiple incidents of academic dishonesty will result in a student's dismissal from the program and from the University.

A student who fails to meet the professional expectation of the field for which he/she is preparing may be suspended from further study in that program by the department administering the program (Graduate School Catalog p 36)

Technology Mediate Resources

NOTE: PROBLEMS WITH YOUR INTERNET CONNECTION AND/OR COMPUTER

ARE NOT REASONS FOR LACK OF PARTICIPATION. You have access to the university's computer labs (in the social work department AND other campus facilities, including the library) as well as local libraries and other access to computers and ISPs

If you believe, you are unable to fulfill the requirements for the course you should talk with your instructor about the possibility of dropping or withdrawing. This course uses the eCollege LMS to deliver content through as an enhanced course. Below is information and resources of eCollege:

TECHNOLOGY REQUIREMENTS

- To fully participate in online courses you will need to use a current Flash enabled internet browser. For PC and Mac users the suggested browser is Mozilla Firefox.
- You will need regular access to a computer with a broadband Internet connection. The minimum computer requirements are:
- 512 MB of RAM, 1 GB or more preferred
 - Broadband connection required courses are heavily video intensive
 - Video display capable of high-color 16-bit display 1024 x 768 or higher resolution
- You must have a:
 - Sound card, which is usually integrated into your desktop or laptop computer
 - Speakers or headphones.
 - *For courses utilizing video-conferencing tools and/or an online proctoring solution, a webcam and microphone are required.
- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. At a minimum Java 7, update 51, is required to support the learning management system. The most current version of Java can be downloaded at: JAVA web site http://www.java.com/en/download/manual.jsp
- Current anti-virus software must be installed and kept up to date.
- Run a browser check through the Pearson LearningStudio Technical Requirements website. Browser Check http://help.ecollege.com/LS_Tech_Req_WebHelp/enus/#LS_Technical_Requirements.htm#Browset

Running the browser check will ensure your internet browser is supported.

Pop-ups are allowed.

JavaScript is enabled.

Cookies are enabled.

- You will need some additional free software (plug-ins) for enhanced web browsing. Ensure that you download the free versions of the following software:
 - Adobe Reader https://get.adobe.com/reader/
 - o Adobe Flash Player (version 17 or later) https://get.adobe.com/flashplayer/
 - Adobe Shockwave Player https://get.adobe.com/shockwave/
 - Apple Quick Time http://www.apple.com/quicktime/download/

At a minimum, you must have Microsoft Office 2013, 2010, 2007 or Open Office. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission, will also be required. If you do not have Microsoft Office, you can check with the bookstore to see if they have any student copies.

 For additional information about system requirements, please see: System Requirements for LearningStudio
 https://secure.ecollege.com/tamuc/index.learn?action=technical

ACCESS AND NAVIGATION

Pearson LearningStudio (eCollege) Access and Log in Information

This course will be facilitated using Pearson LearningStudio, the learning management system used by Texas A&M University-Commerce. To get started with the course, go to myLeo and from the top menu ribbon select eCollege. Then on the upper left side of the screen click on the My Courses tab. http://www.tamuc.edu/myleo.aspx

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT

Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: It is strongly recommended you perform a "Browser Test" prior to the start of your course. To launch a browser test login to Pearson LearningStudio, click on the My Courses tab, and then select the Browser Test link under Support Services.

Pearson LearningStudio Student Technical Support

Texas A&M University-Commerce provides students technical support for the use of Pearson LearningStudio.

Technical assistance is available 24/7 (24 hours, 7 days a week).

If you experience LearningStudio (eCollege) technical problems, contact the LearningStudio helpdesk at 1-866-656-5511 (toll free) or visit Pearson 24/7 Customer Support Site http://247support.custhelp.com/

The student help desk may be reached in the following ways:

- Chat Support: Click on 'Live Support' on the tool bar within your course to chat with a Pearson LearningStudio Representative.
- Phone: 1-866-656-5511 (Toll Free) to speak with Pearson LearningStudio
 Technical Support Representative.

Accessing Help from within Your Course: Click on the 'Tech Support' icon on the upper left side of the screen inside the course. Then you will be able to get assistance via online chat or by phone.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These

methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

Policy for Reporting Problems with Pearson LearningStudio

Should students encounter Pearson LearningStudio based problems while submitting assignments/discussions/comments/exams, the following procedure must be followed:

- 1. Students must report the problem to the help desk. You may reach the helpdesk at 1-866-656-5511.
- 2. Students must file their problem with the helpdesk and obtain a helpdesk ticket number
- 3. Once a helpdesk ticket number is in your possession, students should email me to advise me of the problem and provide me with the helpdesk ticket number.
- 4. I will call the helpdesk to confirm your problem and follow up with you

PLEASE NOTE: Your personal computer and internet access problems are not a legitimate excuses for filing a ticket with the Pearson LearningStudio Help Desk. Only Pearson LearningStudio based problems are legitimate reasons to contact the Help Desk. You strongly are encouraged to check for your internet browser compatibility BEFORE the course begins and take the Pearson LearningStudio tutorial offered for students who may require some extra assistance in navigating the Pearson LearningStudio platform.

myLeo Support

Your myLeo email address is required to send and receive all student correspondence. Please email helpdesk@tamuc.edu or call us at 903-468-6000 with any questions about setting up your myLeo email account. You may also access information at myLeo. https://leo.tamuc.edu

Learner Support

The One Stop Shop was created to serve you by providing as many resources as

possible in one location. http://www.tamuc.edu/admissions/onestopshop/
The Academic Success Center provides academic resources to help you achieve academic success.

http://www.tamuc.edu/campusLife/campusServices/academicSuccessCenter/

FREE Mobile APPS

The Courses apps for phones have been adapted to support the tasks students can easily complete on a smaller device. Due to the smaller screen size course content is not presented.

The Courses app is free of charge. The mobile Courses Apps are designed and adapted for different devices.

PEARSON COURSES	App Title:	iPhone – Pearson LearningStudio Courses for iPhone Android – LearningStudio Courses - Phone
	Operatin	iPhone - OS 6 and above
	g System:	Android – Jelly Bean, Kitkat, and Lollipop OS
	iPhone	https://itunes.apple.com/us/app/pearson-learningstudio-
	Арр	courses/id977280011?mt=8
	URL:	
	Android	
	App URL:	https://play.google.com/store/apps/details?id=com.pearson.lsphone

Once downloaded, search for Texas A&M University-Commerce, and it should appear on the list. Then you will need to sign into the myLeo Mobile portal.

The Courses App for Android and iPhone contain the following feature set:

- View titles/code/Instructor of all Courses enrolled in online
- View and respond to all discussions in individual Courses

- View Instructor Announcements in individual Courses
- View Graded items, Grades and comments in individual Courses
- Grade to Date
- View Events (assignments) and Calendar in individual Courses
- View Activity Feed for all courses
- View course filters on activities
- View link to Privacy Policy
- Ability to Sign out
- Send Feedback

LearningStudio Notifications

Students can be alerted to course activities via text on their mobile phones or up to two email addresses.

Based on their preferences, students can automatically receive a push notification with every new: course announcement, threaded discussion post, grade, and/or assignment without having to login to the course. Enrolled students will automatically receive email notifications for announcements and can opt out of this feature. To receive text notifications, students must opt in.

To begin setting up notifications, go into your course in LearningStudio and click on the bell-shaped Notifications icon on the main menu ribbon.

By default the student's university email address will appear. This cannot be changed in LearningStudio. Additional email addresses may be added by clicking the Add button. After all of the other selections are completed be sure to click the Save and Finish button.

Appendix A

The Formatting for Research Proposal

Cover Sheet (formatted according to APA with running head; Page numbering etc)

Background/Introduction of the Problem (Centered Main Heading - be sure and follow APA formatting requirements for all heading)

This is a two-three paragraph statement summarizing the problem area to be understudy. This should synthesize information obtained from each group member's individual literature review.

PROBLEM STATEMENT (Centered Main Heading) (1-2 sentences/ follows the Background of the Problem)

PURPOSE STATEMENT (Centered Main Heading) (follows the problem statement)

The purpose of this study is to.....

RESEARCH QUESTION(S) and/or Research Hypothesis

(Centered Main Heading) (follows the purpose statement)

METHODS SECTION (Centered Main Heading)

(follows the research question)

Sampling Method
Data Collection Method
Instruments used for data collection
Data Analysis Plan

REFERENCE PAGE APPENDICES

APPENDIX A - copy of completed IRB Protocol (including copies of all data collection tools; informed consents; Human Subject Review certificates; and other documents as appropriate)

Class Schedule

Week	Date	Location/Topic	Readings	Assignment
1	01/19	F2F: Course Introduction/Review Syllabus and Expectations	N/A	N/A
2	01/26	F2F: The Context of Social Work Research & The Politics and Ethics of Social Work Research	Krysik & Finn Chapters 1 & 2	N/A
3	02/02	Online: Research With Human Subjects & Responsible Conduct of Research		CITI IRB Training Completion Certificate Due 2/9 @ 11:59pm
4	02/09	F2F: Research Problems and Research Questions A Researcher's Writing & Presentation Tools	Krysik & Finn Chapters 3 &13	Forming Research Questions Activity
5	02/16	Online: Research in Agencies and Communities	Krysik & Finn Chapter 5	Informed Consent Form Draft Due 2/23 @ 11:59pm
6	02/23	F2F: Single Subject Design	Krysik & Finn Chapter 4	Single Subject Design Activity
7	03/02	Online: Qualitative Research	Krysik & Finn Chapter 6	Literature Review Due 3/9 @ 11:59pm
8	03/09	F2F: Group Research Design	Krysik & Finn Chapter 7	,
	03/16	Sprii	ng Break	
9	03/23	Online:	See Week 9 Folder	Design Draft Due 3/23 @ 11:59pm
10	03/30	F2F: Sampling	Krysik & Finn Chapter 8	Sampling Draft Due 4/6 @ 11:59pm
11	04/06	Online: Measurement	Krysik & Finn Chapter 9	Measurement Draft & Survey Questionnaire Due 4/13 @ 11:59pm

12	04/13	F2F: Data Collection & Data Entry	Krysik & Finn Chapter 10	Data Collection Draft & Site Approval Letter Due 4/20 @ 11:59pm
13	04/20	Online:	See Week 13 folder	Recruitment Materials & IRB Draft Due 4/27 @ 11:59pm
14	04/27	F2F: Descriptions of Qualitative Data Bivariate Statistics and Statistical Inference	Krysik & Finn Chapters 11 & 12	Data Analysis Draft due 4/30 @ 11:59pm
15	05/04	F2F	Wrap up	Final Research Proposal, IRB & Peer Evaluations Due 5/4 @ 11:59pm
16	05/11	Online COMPREHENSIVE	FINAL EXAM	Due 5/11 @ 11:59 pm