



# **Introduction to Human-Computer Interaction Design PSY 414---01W**

COURSE SYLLABUS: Fall 2016

## **INSTRUCTOR INFORMATION**

**Instructor:** Shulan Lu, Ph.D., Professor of Psychology

**Office Location:** Henderson 218

**Office Hours:** M, W 2:00-3:15pm, TBA

**Office Phone:** 903.468.8628

**Office Fax:** 903.886.5510

**University Email Address:** shulan.lu@tamuc.edu

**Preferred Form of Communication:** email

**Communication Response Time:** 24-48 hours on weekdays

## **COURSE INFORMATION**

### ***Materials – Textbooks, Readings, Supplementary Readings***

#### ***Textbook(s) Required***

Blascovich, J., & Bailenson, J. (2011). Infinite reality: the hidden blueprint of our virtual life. HarperCollins: New York

#### ***Optional Texts and/or Materials***

Additional materials will be placed on eCollege.

#### ***Course Description***

In this course, we will examine a variety of technology-based media and their setups, the psychological principles behind how people interact with these media, the present

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and future applications, and the impact of human-computer interactions. You will be encouraged to appreciate and apply the knowledge that is discussed. Furthermore, you will be expected to consider the ethical implications of these technological advancements.

### ***Student Learning Outcomes***

1. Students will be able to appreciate the experimental approaches to the study of human-computer interaction design with an emphasis on virtual reality.
2. Students will be able to appreciate and to some extent follow the discourse in the community of human-computer interaction.
3. Students will gain an overview of how interdisciplinary studies in this area test, interpret, and demonstrate concepts, theories and principles.

## **COURSE REQUIREMENTS**

### ***Minimal Technical Skills Needed***

Using the learning management system  
Using MICROSOFT OFFICE  
Downloading and Using apps  
Using Internet search engines

### ***Instructional Methods***

This is an online course, using the eCollege instructional system that is available to you through TAMU-Commerce. In addition to your reading of the textbook, there are summary lecture notes and selected recent developments in the community that can be viewed at eCollege.

**This is not a self-paced course.** There is a specific and scheduled format that you will follow for the course.

### ***Student Responsibilities or Tips for Success in the Course***

Read your textbook  
Study the lecture notes and links to the additional materials.  
Read all of the class emails  
Complete the assignments  
Review the learning materials and test yourself.  
Students vary a great deal. These are the basics.

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## GRADING

To be on the safe side, assume that I grade on a numerical scale. However, I reserve the right to reward exemplary attendance and participation.

A = 90-100 pts

B = 80-89 pts

C = 70-79 pts

D = 60-69 pts

F < 60 pts

**Questions about Grades:** Any questions about a grade for a particular assignment, quiz, or exam should be brought to my attention within a week of the particular grade being posted.

### ***Assessments***

**Reading Quizzes:** Reading the textbook is essential to your successful completion of these assignments. You will be quizzed over your reading of each topic (approx. two chapters of the textbook). There will be a review quiz of the entire course.

**Quiz Total: 3 x 6 = 18**

**Assignments:** Again reading the textbook and the supplementary materials provided by the instructor is essential to your successful completion of these assignments. Answers should be posted no later than 9am Wednesday morning of the second week. Your postings should be substantive and civil. Please observe the following criteria when posting answers:

- 1) Does the posting demonstrate the understanding of the materials being discussed? Please make an explicit mention of the theory and viewpoints you use for your arguments by using at least one direct quotation from the textbook chapter.
- 2) Does the argument in the posting hold together and move forward?
- 3) Are there grammatical and spelling errors?

The closing chapter due date will be announced later.

**Answering Questions Total: 10 x 7 + 2 (Self introduction) + 2 (Final reflection) = 74**

**Discussion Responsibilities:** For answers to discussion questions, every student is required to make responses to the work by at least two students. The discussion responses must address whether and how the posting centered around the theories and viewpoints presented in the textbook. Discussion should end by 9am Friday of the second week.

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Late discussions are not accepted.

## 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](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/en-us/#LS\\_Technical\\_Requirements.htm#Browse](http://help.ecollege.com/LS_Tech_Req_WebHelp/en-us/#LS_Technical_Requirements.htm#Browse)

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/](https://get.adobe.com/reader/)
  - [Adobe Flash Player \(version 17 or later\) https://get.adobe.com/flashplayer/](https://get.adobe.com/flashplayer/)
  - [Adobe Shockwave Player https://get.adobe.com/shockwave/](https://get.adobe.com/shockwave/)
  - [Apple Quick Time http://www.apple.com/quicktime/download/](http://www.apple.com/quicktime/download/)

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- 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)  
<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](http://www.tamuc.edu/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](mailto: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/) <http://247support.custhelp.com/>

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

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- **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](mailto: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).  
<https://leo.tamuc.edu>

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## 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.

	<b>App Title:</b>	<b>iPhone</b> – Pearson LearningStudio Courses for iPhone <b>Android</b> – LearningStudio Courses - Phone
	<b>Operating System:</b>	<b>iPhone</b> - OS 6 and above <b>Android</b> – Jelly Bean, Kitkat, and Lollipop OS
	<b>iPhone App URL:</b>	<a href="https://itunes.apple.com/us/app/pearson-learningstudio-courses/id977280011?mt=8">https://itunes.apple.com/us/app/pearson-learningstudio-courses/id977280011?mt=8</a>
	<b>Android App URL:</b>	<a href="https://play.google.com/store/apps/details?id=com.pearson.lsphone">https://play.google.com/store/apps/details?id=com.pearson.lsphone</a>

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

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## 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.

## COMMUNICATION AND SUPPORT

### ***Interaction with Instructor Statement***

You are welcomed to contact me via email, and schedule an office visit.

If you email me and do not receive an email response within 48 hours, most likely, your email was not received.

## COURSE AND UNIVERSITY PROCEDURES/POLICIES

### ***Course Specific Procedures/Policies***

All quizzes and exams are to be *taken closed-book*. You are not allowed to take any quiz, exam, or submit any assignment after its respective deadline unless you notify me of extenuating circumstance and I give permission in advance.

In case of unforeseen emergency, contact me or Dept ASAP. When official documentation is provided, you can do a make-up.

No incompletes. If you cannot complete the course with a grade that find satisfactory, it is *your responsibility to drop it*.

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## Academic Honesty:

Unless authorized by me, you are expected to complete all course assignments, including quizzes, assignments and exams, without assistance from any source.

You are expected to develop original work for this course; therefore, you may not submit course work you completed for another course to satisfy the requirements for this course.

Contact me if you are unsure about the appropriateness of your course work.

## **Syllabus Change Policy**

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

## **University Specific Procedures**

### **Student Conduct**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](http://www.tamuc.edu/admissions/registrar/documents/studentGuidebook.pdf).  
<http://www.tamuc.edu/admissions/registrar/documents/studentGuidebook.pdf>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: [Netiquette](http://www.albion.com/netiquette/corerules.html)  
<http://www.albion.com/netiquette/corerules.html>

### **TAMUC Attendance**

For more information about the attendance policy please visit the [Attendance](http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx) webpage and [Procedure 13.99.99.R0.01](http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx).  
<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

### **Academic Integrity**

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.03)

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<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

## **ADA Statement**

### **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 Library- Room 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: [Rebecca.Tuerk@tamuc.edu](mailto:Rebecca.Tuerk@tamuc.edu)

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

### **Nondiscrimination Notice**

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

### **Campus Concealed Carry Statement**

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.

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For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

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.

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## COURSE OUTLINE / CALENDAR

Please mark down the important dates and set up reminders for yourself.

<b>Week</b>	<b>Date</b>	<b>Topic</b>	<b>Reading</b>
1	Aug 29	Introduction to the course Defining reality	Introduction (1-8) Ch 1: Dream machines
2	Sept 06		Practice Quiz (extra credit) Assignment 1
3	Sept 12	Types of virtual media Hardware setup of virtual media	Ch2: A museum of virtual media Ch3: Mirror on the wall (Quiz 1)
4	Sept 19		Assignment 2
5	Sept 26	Social interactions in virtual media Do people treat virtual environments real?	Ch4: Winning virtual friends and influencing virtual people Ch5: The virtual lab (Quiz 2)
6	Oct 3		Assignment 3
7	Oct 10	Identity	Ch6: Who am I? Ch7: Re-creating yourself (Quiz 3)
8	Oct 17		Assignment 4
9	Oct 24	Understanding others via their digital footprints	Ch10: Digital footprints (Quiz 4)
10	Oct 31		Assignment 5
11	Nov 07	Addicted in virtual presence	Ch11: The virtual "Jones" (Quiz 5)
12	Nov 14		Assignment 6
13	Nov 21	Applications of virtual reality in commercial product, medicine,	Ch13: Virtual yin and yang (Quiz 6)

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psychotherapy, physical therapy, and  
business.  
THANKSGIVING NOV 24

14 Nov 28

15 Dec 05 Moral consequences TBA  
Assignment 7  
Final Reflection

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