



ARIZONA STATE UNIVERSITY
GENERAL STUDIES COURSE PROPOSAL COVER FORM

Course information:

Copy and paste **current** course information from *Class Search/Course Catalog*.

Academic Unit	<u>Human Systems Engineering</u>	Department	<u>The Polytechnic School</u>
Subject	<u>EGR</u>	Number	<u>224</u>
		Title	<u>Social Basis of Human Systems</u>
			<u>(to be HSE 224 when new prefix is approved)</u>
Units:			<u>3</u>
Is this a cross-listed course?	(Choose one)		
If yes, please identify course(s)	<u>No</u>		
Is this a shared course?	(choose one) If so, list all academic units offering this course		<u>No</u>
Course description:			

Requested designation: (Choose One)

Note- a separate proposal is required for each designation requested

Eligibility:

Permanent numbered courses must have completed the university's review and approval process.
For the rules governing approval of omnibus courses, contact Phyllis.Lucie@asu.edu or Lauren.Leo@asu.edu.

Submission deadlines dates are as follow:

For Fall 2015 Effective Date: October 9, 2014

For Spring 2016 Effective Date: March 19, 2015

Area(s) proposed course will serve:

A single course may be proposed for more than one core or awareness area. A course may satisfy a core area requirement and more than one awareness area requirements concurrently, but may not satisfy requirements in two core areas simultaneously, even if approved for those areas. With departmental consent, an approved General Studies course may be counted toward both the General Studies requirement and the major program of study.

Checklists for general studies designations:

Complete and attach the appropriate checklist

- [Literacy and Critical Inquiry core courses \(L\)](#)
- [Mathematics core courses \(MA\)](#)
- [Computer/statistics/quantitative applications core courses \(CS\)](#)
- [Humanities, Arts and Design core courses \(HU\)](#)
- [Social-Behavioral Sciences core courses \(SB\)](#)
- [Natural Sciences core courses \(SQ/SG\)](#)
- [Cultural Diversity in the United States courses \(C\)](#)
- [Global Awareness courses \(G\)](#)
- [Historical Awareness courses \(H\)](#)

A complete proposal should include:

- Signed General Studies Program Course Proposal Cover Form
- Criteria Checklist for the area
- Course Catalog description
- Course Syllabus
- Copy of Table of Contents from the textbook and list of required readings/books

Respectfully request that proposals are submitted electronically with all files compiled into one PDF. If necessary, a hard copy of the proposal will be accepted.

Contact information:

Name	<u>Nancy J. Cooke</u>	Phone	<u>480-727-5158</u>
Mail code	<u>2880</u>	E-mail:	<u>ncooke@asu.edu</u>

Department Chair/Director approval: *(Required)*

Chair/Director name (Typed):	<u>Ann McKenna</u>	Date:	<u>12/30/14</u>
Chair/Director (Signature):	<u></u>		

Arizona State University Criteria Checklist for
SOCIAL-BEHAVIORAL SCIENCES [SB]

Rationale and Objectives

Social-behavioral sciences use distinctive scientific methods of inquiry and generate empirical knowledge about human behavior, within society and across cultural groups. Courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a complex and evolving world.

In both private and public sectors, people rely on social scientific findings to consider and assess the social consequences of both large-scale and group economic, technological, scientific, political, ecological and cultural change. Social scientists' observations about human interactions with the broader society and their unique perspectives on human events make an important contribution to civic dialogue.

Courses proposed for a General Studies designation in the Social-Behavioral Sciences area must demonstrate emphases on: (1) social scientific theories, perspectives and principles, (2) the use of social-behavioral methods to acquire knowledge about cultural or social events and processes, and (3) the impact of social scientific understanding on the world.

Revised April 2014

Proposer: Please complete the following section and attach appropriate documentation.

ASU--[SB] CRITERIA			
A SOCIAL-BEHAVIORAL SCIENCES [SB] course should meet all of the following criteria. If not, a rationale for exclusion should be provided.			
YES	NO		Identify Documentation Submitted
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Course is designed to advance basic understanding and knowledge about human interaction.	Syllabus
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Course content emphasizes the study of social behavior such as that found in: <ul style="list-style-type: none"> • ANTHROPOLOGY • ECONOMICS • CULTURAL GEOGRAPHY • HISTORY 	Syllabus
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Course emphasizes: <ul style="list-style-type: none"> a. the distinct knowledge base of the social and behavioral sciences (e.g., sociological anthropological). <li style="text-align: center;">OR b. the distinct methods of inquiry of the social and behavioral sciences (e.g., ethnography, historical analysis). 	Syllabus
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Course illustrates use of social and behavioral science perspectives and data.	Syllabus
		THE FOLLOWING TYPES OF COURSES ARE EXCLUDED FROM THE [SB] AREA EVEN THOUGH THEY MIGHT GIVE SOME CONSIDERATION TO SOCIAL AND BEHAVIORAL SCIENCE CONCERNS:	
		• Courses with primarily arts, humanities, literary or philosophical content.	
		• Courses with primarily natural or physical science content.	
		• Courses with predominantly applied orientation for professional skills or training purposes.	
		• Courses emphasizing primarily oral, quantitative, or written skills.	

Course Prefix	Number	Title	General Studies Designation
EGR	224	Social Basis of Human Systems	

Explain in detail which student activities correspond to the **specific** designation criteria. Please use the following organizer to explain how the criteria are being met.

Criteria (from checksheet)	How course meets spirit (contextualize specific examples in next column)	Please provide detailed evidence of how course meets criteria (i.e., where in syllabus)
Advance basic understanding and knowledge	The course will introduce social psychology research and theories that deal with human interaction such as social influence, persuasion, attraction, group dynamics, etc..	Schedule of the syllabus shows the topics that deal with human interaction. (page 1)
Study of social behavior	The course will emphasize the study of social behavior found in social psychology	Same as above
Distinct knowledge base of social and behavioral sciences	The course emphasizes the distinct psychological knowledge base of the social and behavioral sciences.	Objectives and outcomes of the syllabus indicates it. (page 1)
Use of social and behavioral science perspectives and data	The course introduces study results that are based on research from social psychological perspectives and data.	Same as above

Catalog Description

Social behaviors, social cognition, and emotion critical for engineered systems that interact with humans (artificial intelligence, robots) will be covered. Students learn how human beings behave, think, and feel in daily social situations and think about how that information can be used to create effective human systems.

EGR224 Social Basis of Human Systems Syllabus

Instructor: Dr. Hyunjin Song (Assistant Professor, Human Systems Engineering Department)

Office: Santa Catalina Hall 150h, Polytechnic Campus, Mesa

Email: hyunjin.song@asu.edu

Phone: (480) 727-1589

Office hrs: Monday 10am-12pm, or appointment by email

Course Description

Social behaviors, social cognition, and emotion critical for engineered systems that interact with humans (artificial intelligence, robots) will be covered. Students learn how human beings behave, think, and feel in daily social situations and think about how that information can be used to create effective human systems.

Prerequisites: EGR 103 or PSY 101

Objectives & Expected Outcomes

Upon completion of this course, students will be able to:

1. Describe social psychology theories and behaviors;
2. Apply social psychology theories and behaviors to engineering problems
3. Analyze and critically evaluate original research in social psychology
4. Demonstrate the ability to critically think and communicate ideas at the intersection of social psychology and engineering.

Your responsibility

Each week, I will give lectures on corresponding chapters as well as provide discussions and activities. You are required to actively participate in discussions and activities. In addition, you are required to read the chapters beforehand. It is always more effective to read beforehand so you can better understand the content and ask questions in the class.

Textbook

Gilovich, Keltner, Chen & Nisbett, Social Psychology (3rd edition): W. W. Norton & Company.

Lectures

Powerpoint slides will be posted after each lecture on Blackboard 'Content' folder.

Schedule

Week 1 (8/21): Introduction (Chapter 1)

Week 2 (8/25): Social influence (Chapter 9)

Week 3 (9/1): Self (Chapter 3)

Week 4 (9/8): Social Cognition and attribution (Chapter 4 &5)

Week 5 (9/15): **Exam 1**

Week 6 (9/22): Emotion (Chapter 6) **Paper 1 due**

Week 7 (9/29): Attitude and persuasion (Chapter 7 & 8)

Week 8 (10/6): Attraction (Chapter 10)

Week 9 (10/20): Stereotypes (Chapter 11)

Week 10(10/27): **Exam 2**

Week 11(11/3): Group dynamics (Chapter 12)
Week 12 (11/20): Aggression (Chapter 13)
Week 13 (11/17): Altruism (Chapter 14)
Week 14 (12/1): Review Session **Paper 2 due**
Week 15(12/8): **Exam 3**

We don't have classes during thanksgiving and fall break.

Grading

Exam 1 (20 points)
Exam 2 (20 points)
Exam 3 (20 points)
Group skit presentation (2 times: 5 points each)
Paper 1 (10 points)
Paper 2 (10 points)
Class attendance and discussion participation (10 points)

Exams

- There will be three exams in classes
- Exams will be multiple-choice and each will be worth 20 points.
- Second and third exams will NOT be *cumulative*. They will cover material since the previous exam up until that day.
- Although the exams will rely heavily on lectures, there may be questions on the exam that have been covered only in the book and not in lectures. Therefore, it is to your benefit to read your textbook.

Group skit presentation (10-15 minutes)

You will be assigned to a group of 3-4 people and perform skits illustrating the concepts in the chapters twice during the semester (one before midterm and the other after midterm).

Your group will pick 3 concepts from the assigned week's chapter and create short skits to illustrate those concepts/theories/experiments and perform them in the beginning of the class. During this time the rest of the class will try to guess what the concepts/theories/experiments are. This activity requires everybody to read the corresponding chapter each week to be able to fully participate. After the activity, the presenter should clearly explain each concept/theory/experiment to the rest of the class. Have fun and use your creativity!

Paper 1: Engineering application 1 (2 pages)

For this paper, you can choose any topic before midterm and come up with an idea to apply what you learned to human systems engineering. For instance, would you apply certain human emotion principles to building robots? How would you increase the trust toward robots?

Paper 2: Engineering application 2 (2 pages)

You can do the same thing as paper 1 for any topic after mid-term.

Class attendance and discussion participation

You are required to attend the class. If you are absent twice or more without an official excuse (e.g., official doctor's letter, etc.), you will get marked down. If you need to be absent due to any religious observances and/or university sanctioned events/activities, notify me within the first two weeks so I can plan on your making-up of assignments and exams. Since class involves various activities and discussions, you are expected to actively participate. You are not allowed to use cell-phones during classes.

Grading Scale

A+	98-100 %	B+	88-89	C+	78-79	D	60-69%
A	93-97	B	83-87	C	70-77	E	0-59%
A-	90-92	B-	80-82				

Academic Integrity

ASU expects and requires all its students to act with honesty and integrity, and respect the rights of others in carrying out all academic assignments. For more information on academic integrity, including the policy and appeal procedures, please visit <http://provost.asu.edu/academicintegrity> and the *Student Conduct Statement* below.

Scholastic Dishonesty:

- Scholastic dishonesty of any kind is dealt with harshly by the University, and can lead to a student's expulsion. I consider plagiarism of others' work (whether another student, a family member, or a published article), or your own work (i.e., a paper from another class) to be the same as cheating on a test.
- If you are tempted to save time on your paper by "borrowing" one online, let me assure you that you will get caught. The SafeAssignment software compares your paper submission to every paper ever submitted anywhere in the country. The minimum punishment for this poor judgment is a zero on the assignment.

Threatening behaviors

All incidents and allegations of violent or threatening conduct by an ASU student (whether on- or off-campus) must be reported to the ASU Police Department (ASU PD) and the Office of the Dean of Students. For more information on threatening behaviors, including policy and appeal procedures, please visit Student Services Manual, SSM 104-02. <http://www.asu.edu/aad/manuals/ssm/ssm104-02.html>

Contact Information

It is necessary that you have an ASU email address and that you check your email frequently, as some course communication is done this way. I expect students to be able to access these emails within 1 business day, and I will offer you the same courtesy in return by keeping on top of my email. When you email, please be sure to sign your name and don't assume I will recognize you from your email address!

Please plan on checking your ASU email account daily for course related messages. This course uses Blackboard for the facilitation of communications between faculty and students, submission of assignments, and posting of grades. The myASU/Blackboard Course Site can be accessed through the MyASU Portal at

<http://my.asu.edu> or directly at <http://myasucourses.asu.edu>.

Please do not email me through the Communication tab in Blackboard. I do not check that. Please email me directly at adamcohen@asu.edu.

Subject to change notice

All material, assignments, and deadlines are subject to change with prior notice. It is your responsibility to stay in touch with your instructor, review the course site regularly, or communicate with other students, to adjust as needed if assignments or due dates change.

Studying and Preparation Time

The course requires you to spend time preparing and completing assignments. A three-credit course is designed to require approximately 135 hours of student work.

Student Conduct Statement

Students are required to adhere to the behavior standards listed in Arizona Board of Regents Policy Manual Chapter V – Campus and Student Affairs: Code of Conduct (http://www.abor.asu.edu/1_the_regents/policymanual/chap5/5Section_C.pdf), ACD 125: Computer, Internet, and Electronic Communications (<http://www.asu.edu/aad/manuals/acd/acd125.html>), and the ASU Student Academic Integrity Policy (<http://www.asu.edu/studentaffairs/studentlife/srr/index.htm>).

Students are entitled to receive instruction free from interference by other members of the class. If a student is disruptive, an instructor may ask the student to stop the disruptive behavior and warn the student that such disruptive behavior can result in withdrawal from the course. An instructor may withdraw a student from a course when the student's behavior disrupts the educational process under USI 201-10 (<http://www.asu.edu/aad/manuals/usi/usi201-10.html>).

Appropriate classroom behavior is defined by the instructor. This includes the number and length of individual messages online. Course discussion messages should remain focused on the assigned discussion topics. Students must maintain a cordial atmosphere and use tact in expressing differences of opinion. Inappropriate discussion board messages may be deleted if an instructor feels it is necessary. Students will be notified privately that their posting was inappropriate.

Student access to the course Send Email feature may be limited or removed if an instructor feels that students are sending inappropriate electronic messages to other students in the course.

Accessibility Statement

In compliance with the Rehabilitation Act of 1973, Section 504, and the Americans with Disabilities Act of 1990, professional disability specialists and support staff at the Disability Resource Centers (DRC) facilitate a comprehensive range of academic support services and accommodations for qualified students with disabilities. DRC staff coordinate transition from high schools and community colleges, in-service training for faculty and staff, resolution of accessibility issues, community outreach, and collaboration between all ASU campuses regarding disability policies, procedures, and accommodations.

Students who wish to request an accommodation for a disability should contact the Disability Resource Center (DRC) for their campus.

Tempe Campus

<http://www.asu.edu/studentaffairs/ed/drc/>

480-965-1234 (Voice)

480-965-9000 (TTY)

West Campus

<http://www.west.asu.edu/drc/>

University Center Building (UCB), Room 130

602-543-8145 (Voice)

Polytechnic Campus

<http://www.asu.edu/studentaffairs/ed/drc/>

480.727.1165 (Voice)

480.727.1009 (TTY)

Downtown Phoenix Campus

<http://campus.asu.edu/downtown/DRC>

University Center Building, Suite 160

602-496-4321 (Voice)

602-496-0378 (TTY)

Technical Support Contact Information

For technical assistance 24 hours a day, 7 days a week, please contact the University Technology Office Help Desk:

Phone: 480-965-6500

Email: helpdesk@asu.edu

Web: <http://help.asu.edu/>

For information on systems outages see the ASU systems status calendar, please visit <http://syshealth.asu.edu/> and <http://systemstatus.asu.edu/status/calendar.asp>

You are responsible for having a reliable computer and internet connection throughout the course.

Campus Network or Blackboard Outage

When access to Blackboard is not available for an extended period of time (greater than one entire evening - 6pm till 11pm) you can reasonably expect that the due date for assignments will be changed to the next day (assignment still due by midnight).

Drop and Add dates

If you feel it is necessary to withdraw from the course, please see <http://students.asu.edu/drop-add> for full details on the types of withdrawals that are available and their procedures.

Course/Instructor Evaluation

The course/instructor evaluation for this course will be conducted online 7-10 days before the last official day of classes of each semester or summer session. Your response(s) to the course/instructor are anonymous and will not be returned to your instructor until after grades have been submitted. The use of a course/instructor evaluation is an important process that allows our college to (1) help faculty improve their instruction, (2) help administrators evaluate instructional quality, (3) ensure high standards of teaching, and (4) ultimately improve instruction and student learning over time. Completion of the evaluation is not required for you to pass this class and will not affect your grade, but your cooperation and participation in this process is critical. About two weeks before the class finishes, watch for an e-mail with "ASU Course/Instructor Evaluation" in the subject heading. The email will be sent to your official ASU e-mail address, so make sure ASU has your current email address on file. You can check this online at the following URL: <http://www.asu.edu/epoupdate>.

Syllabus Disclaimer

The instructor views the course syllabus as an educational contract between the instructor and students. Every effort will be made to avoid changing the course schedule but the possibility exists that unforeseen events will make syllabus changes necessary. The instructor reserves the right to make changes to the syllabus as deemed necessary. Students will be notified in a timely manner of any syllabus changes face-to-face, via email or in the course site Announcements. Please remember to check your ASU email and the course site Announcements often.

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