

New Course Request

Indiana University

IUPUI

Campus

Check Appropriate Boxes: Undergraduate credit

Graduate credit

Professional credit

1. School/Division Herron School of Art and Design 2. Academic Subject Code HER-V

3. Course Number 530 (must be cleared with University Enrollment Services) 4. Instructor Varies

5. Course Title Collaborative Action Research in Design 3

Recommended Abbreviation (Optional) Collaborative Action Research 3
(Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Spring 2011

7. Credit Hours: Fixed at 3 or Variable from _____ to _____

8. Is this course to be graded S-F (only)? Yes _____ No X

9. Is variable title approval being requested? Yes _____ No X

10. Course description (not to exceed 50 words) for Bulletin publication: Studo. Application and integration of theory, methods and skills for designing as a cross-disciplinary collaborative process for innovation. Focusing on techniques for synthesizing design research to support the idea finding phase of a methodology for formulating problems/opportunities, formulation solutions and implementing solutions. Team approach to translational action research.

11. Lecture Contact Hours: Fixed at _____ or Variable from _____ to _____

12. Non-Lecture Contact Hours: Fixed at 7.5 / wk x 8 wks or Variable from _____ to _____

13. Estimated enrollment: 12 of which 100 percent are expected to be graduate students.

14. Frequency of scheduling: annually Will this course be required for majors? yes

15. Justification for new course: Required course for MFA in Visual Communication

16. Are the necessary reading materials currently available in the appropriate library? Yes

17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by: CHAMIS HOPKIN VOR Date 11/15/09

Date Department Chairman/Division Director

Approved by: Valerie Eickman Date 11/18/09

Dean

Date
Dean of Graduate School (when required)

Date
Chancellor/Vice-President

Date
University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

UPS 724

University Enrollment Services Final-White; Chancellor/Vice-President-Blue; School/Division-Yellow; Department/Division-Pink, University Enrollment Services Advance--White

Reset

HER-V 530 Collaborative Action Research in Design 3

Secondary title Design Synthesis for Innovation

3 credit hours Course meets for 8 weeks at the beginning of spring semester only.
 Course meets weekly on M+W+F from 3:30pm to 6:00pm with the instructor.
 Course requires significant additional time on project work outside of official class hours.
 Allocate a minimum of 20 hours a week to complete studio and/or fieldwork experiences (in and out of scheduled class time).

Instructor tbd

Course description *see expanded description and rationale on page 4*

Studio. Application and integration of theory, methods and skills for designing as a cross-disciplinary collaborative process for innovation. Focusing on techniques for synthesizing design research to support the idea finding phase of a methodology for formulating problems / opportunities, formulating solutions and implementing solutions. Team approach to translational action research.

Course in context of MFA curriculum

Course is required for all majors in the M.F.A. degree program in Visual Communication. Course requires co-requisite enrollment in courses HER-V 531 / one graduate level elective or consent of instructor.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	WEEK
Focus on DESIGN RESEARCH for innovation								Focus on DESIGN ANALYSIS for innovation								
510 STUDIO: Collab Action Research in Design 1								520 STUDIO: Collab Action Research in Design 2								FALL YEAR 1
511 METHODS: People-Centered Design Research								521 METHODS: Design Analysis								
501 SEMINAR: Intro to Design Thinking + Process Skills								(KELLEY) Intro to Business Principles								
502 SEMINAR: Intro to Human Factors in Design																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	WEEK
Focus on DESIGN SYNTHESIS for innovation								Focus on DESIGN OPTIMIZATION for innovation								
530 STUDIO: Collab Action Research in Design 3								540 STUDIO: Collab Action Research in Design 4								SPRING YEAR 1
531 METHODS: Design Synthesis								541 METHODS: Design Evaluation								
ELECTIVE: Social Science or Human Computer Interaction																

Mission of IUPUI

Indiana University-Purdue University Indianapolis (IUPUI), a partnership between Indiana and Purdue Universities, is Indiana's urban research and academic health sciences campus. IUPUI's mission is to advance the State of Indiana and the intellectual growth of its citizens to the highest levels nationally and internationally through

- research and creative activity,
- teaching and learning,
- and civic engagement.

By offering a distinctive range of bachelor's, master's, professional, and Ph.D. degrees, IUPUI promotes the educational, cultural, and economic development of central Indiana and beyond through innovative collaborations, external partnerships, and a strong commitment to diversity.

Statement of Values

IUPUI values the commitment of students to learning; of faculty to the highest standards of teaching, scholarship, and service; and of staff to the highest standards of service. IUPUI recognizes students as partners in learning. We value the opportunities afforded by our location in Indiana's capital city and are committed to serving the needs of our community. Our students, faculty, and staff are involved in the community, providing educational programs, working with a wide array of community partners who serve Indianapolis and Central Indiana, offering expert care and assistance to patients and clients, and engaging in field research spanning virtually every academic discipline.

As a leader in fostering collaborative relationships, IUPUI values collegiality, cooperation, creativity, innovation, and entrepreneurship as well as honesty, integrity, and support for open inquiry and dissemination of findings. IUPUI is committed to the personal and professional development of a diverse campus community of students, faculty, and staff; to continuous improvement of its programs and services; and to building a strong, welcoming campus community for all.

Mission of Department of Visual Communication

Herron's visual communication design programs are focused on preparing leaders who can proactively manage processes for change and innovation to improve the experiences of businesses, institutions, organizations, communities and individuals.

We advocate designing as a collaborative process for identifying root problems and facilitating meaningful complex issues.

We seek to harness the power of design to clarify, humanize and energize the issues that are central to life in a pluralistic society.

Principles of Excellence

We find obvious and interesting intersections between a recent report on the aims and outcomes of a twenty-first-century education and the current discourse on the future of professional design practice. Consider the similarities in our departmental mission and this statement of values by the National Leadership Council for Liberal Education: “The council believes that higher education can and should play a crucial role in fulfilling America’s promise in this new global century: tapping potential, creating opportunity, fueling an innovative economy, reducing inequities, solving problems, and inspiring citizens to create a more just, humane, and sustainable world. Toward these ends, the LEAP National Leadership Council calls for a new compact—between educators and American society—to adopt and enact the following seven Principles of Excellence.”

These principles represent a compact between all individuals in *our* graduate learning community.

Aim High—and Make Excellence Inclusive

Make the Essential Learning Outcomes a Framework for the Entire Educational Experience, Connecting School, College, Work, and Life

Give Students a Compass

Focus Each Student’s Plan of Study on Achieving the Essential Learning Outcomes—and Assess Progress

Teach the Arts of Inquiry and Innovation

Immerse All Students in Analysis, Discovery, Problem Solving, and Communication, Beginning in School and Advancing in College

Engage the Big Questions

Teach through the Curriculum to Far-Reaching Issues—Contemporary and Enduring—in Science and Society, Cultures and Values, Global Interdependence, the Changing Economy, and Human Dignity and Freedom

Connect Knowledge with Choices and Action

Prepare Students for Citizenship and Work through Engaged and Guided Learning on “Real-World” Problems

Foster Civic, Intercultural, and Ethical Learning

Emphasize Personal and Social Responsibility, in Every Field of Study

Assess Students’ Ability to Apply Learning to Complex Problems

Use Assessment to Deepen Learning and to Establish a Culture of Shared Purpose and Continuous Improvement

College Learning for the New Global Century:

A Report from the National Leadership Council for Liberal Education America’s Promise

Copyright © 2007 by the Association of American Colleges and Universities.

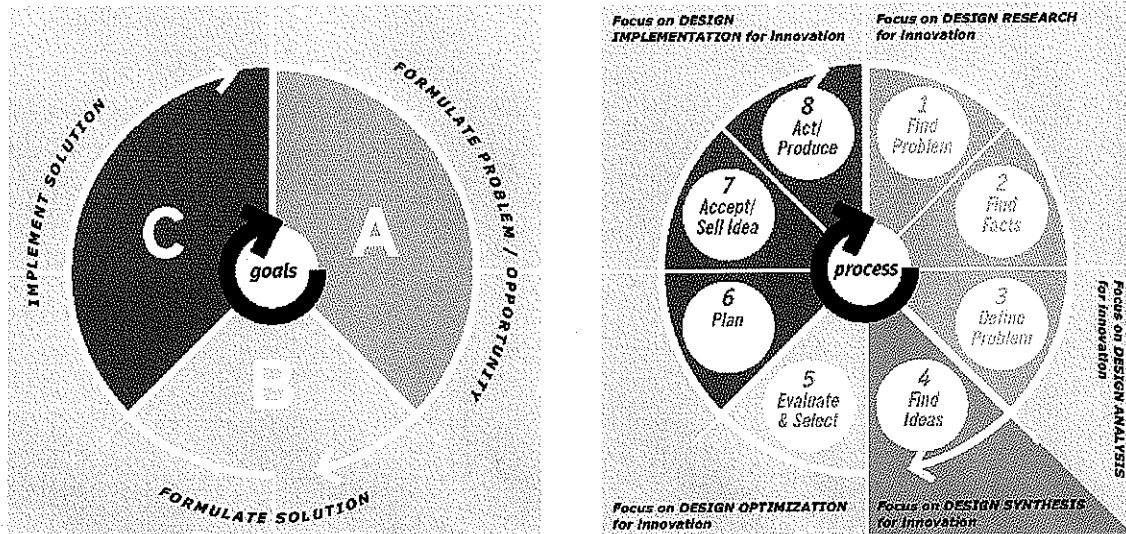
All rights reserved.

ISBN 978-0-9779210-4-1

The complete text of the LEAP report is available online at www.aacu.org.

Concerns of this course in the context of a comprehensive design process for innovation

The yellow-shaded area on the diagram below represents our focus on design synthesis to support the ideation phase of a methodology for formulating problems / opportunities, formulating solutions and implementing solutions.



Expanded course description and rationale

This course is the third of four sequential modules that compose a year-long experience that engages designing as an explicit collaborative and cross-disciplinary process for problem identification and creative solution development.

Work focuses on applied research to master design methods for creative problem-solving. Over the course of the year, course participants will engage real world 'wicked' problems that require skills for identifying & framing challenges and generating & optimizing solutions.

The cross-disciplinary research activities are directed to leverage knowledge, resources and perspectives across the entire university and public communities. All investigations occur within a territory that advances the role of design thinking in business innovation, organizational leadership, public policy, social advocacy and direct democracy.

Educational objectives: *outcomes of learning*

Within the context of the interconnected experiences of the graduate curriculum, students successfully completing this course should be able to:

Apply creative problem solving process knowledge and process skills to essential challenges (by shifting from a concern for designed objects to an understanding of designed experiences) in an effort to provide relevant solutions to the real underlying problems that people encounter.

Employ appropriate design synthesis methods for exploring ideas and conceiving plans, applying attitudes and perspectives that transcend assignments.

Describe and respond to the audiences and contexts which design solutions must address, including recognition of the physical, cognitive, cultural and social human factors that shape design experiences. Design with empathy and understanding.

Perform basic management practices including the ability to organize design projects and to work productively as a member of teams.

Communicate effectively in visual, written and oral presentations and demonstrate the ability to analyze and evaluate visual, written and oral presentations of others.

Course content

Creative Problem Solving Process KNOWLEDGE about

- finding ideas

Creative Problem Solving Process SKILLS for

- conducting divergent thinking
- deferring judgement
- conducting convergent thinking
- meeting in teams
- working in teams

Creative Problem Solving Process ROLES for

- conceptualizing ideas

Design synthesis techniques for exploring ideas and conceiving plans including

- lateral thinking
- blitzing
- forcing relationships
- building radical ideas
- hitchhiking ideas
- free wheeling ideas
- brainstorming

Strategies for generative thinking with co-creators

- Make tools
-

Required and recommended texts and equipment

All MFA majors in Visual Communication are required to utilize their own desktop and/or portable computer during regular class meetings. A technology specification sheet is available on request. B+W and color laser printers are provided in the studio workroom for everyday use.

All required text books must be acquired before the start of the semester or semester module.

REQUIRED TEXTS TO BE PURCHASED (these texts will be used for multiple courses)

Basadur, Dr. Min. *The Power of Innovation: How to Make Innovation a Way of Life & How to Put Creative Solutions to Work* (London: Financial Times / Prentice Hall, 1995).

Jones, John Chris. *Design Methods* (New York: Wiley, 1992).

Sanders, Elizabeth. "Design Research in 2006," *Design Research Quarterly* (Design Research Society, Volume 1:1 September 2006). ISSN 1752-8445.

Sanders, Elizabeth and Gerry VanPatter. "Science in the Making: Understanding Generative Research Now!" *NextDesign Journal*, Issue 5:1, 2004.

Mingus, Nancy. *Alpha Teach Yourself Project Management in 24 Hours* (Madison: CWI Publishing, 2002).

Jon Katzenbach and Douglas Smith. *The Discipline of Teams: A Mindbook-Workbook for Delivering Small Group Performance* (New York: John Wiley & Sons, 2001).

Jon Katzenbach and Douglas Smith. *The Wisdom of Teams: Creating the High-Performance Organization* (New York: Collins Business Essentials, 2005).

REQUIRED TEXTS AVAILABLE ON RESERVE FROM PROFESSOR

Laurel, Brenda. *Design Research: Methods and Perspectives* (Cambridge: MIT Press, 2003).

Kelley, Tom. *The Art of Innovation* (New York: Currency Doubleday, 2001).

Kelley, Tom. *The Ten Faces of Innovation* (New York: Currency Doubleday, 2005).

Barry Nalchluft and Ian Ayers. *Why Not? How to Use Everyday Ingenuity to Solve Problems Big and Small* (Boston: Harvard Business School Press, 2003).

Keith Yamashita and Sandra Spataro. *Unstuck: A Tool for Yourself, Your Team, and Your World* (New York: Portfolio Penguin, 2004).

Verzuh, Eric. *The Fast Forward MBA in Project Management* (Hoboken: John Wiley & Sons, 2005).

ADDITIONAL REFERENCE RESOURCES for this course

NextDesign Journal: ReReThinking Design

<http://www.nextd.org/02/index.html>

Course activities and timeline

This course is the third of four sequential modules that compose a year-long experience that engages designing as an explicit collaborative and cross-disciplinary process for formulating problems / opportunities, formulating solutions and implementing solutions.

WEEK ONE ESTABLISHING UNDERSTANDING BASED ON PROBLEM DEFINITION

- Session 1** design / refine collaborative tools and scaffolds
- Session 2** design / refine collaborative tools and scaffolds
- Session 3** design / refine collaborative tools and scaffolds

WEEK TWO ESTABLISHING UNDERSTANDING BASED ON PROBLEM DEFINITION

- Session 1** co-create using MakeTools; visualize the findings
- Session 2** co-create using MakeTools; visualize the findings
- Session 3** co-create using MakeTools; visualize the findings

WEEK THREE PROTOTYPING IDEAS / 1

- Session 1** diverge + prototype ideas
- Session 2** diverge + prototype ideas
- Session 3** diverge + prototype ideas

WEEK FOUR PROTOTYPING IDEAS / 1

- Session 1** converge + prototype ideas
- Session 2** converge + prototype ideas
- Session 3** converge + prototype ideas // conduct critical reflection on experience and learning

WEEK FIVE PROTOTYPING IDEAS / 2

- Session 1** diverge + prototype ideas
- Session 2** diverge + prototype ideas
- Session 3** diverge + prototype ideas

WEEK SIX PROTOTYPING IDEAS / 2

- Session 1** converge + prototype ideas
- Session 2** converge + prototype ideas
- Session 3** converge + prototype ideas

WEEK SEVEN REFINING / STREAMLINING IDEAS / 1

- Session 1** diverge + prototype ideas
- Session 2** diverge + prototype ideas
- Session 3** diverge + prototype ideas

WEEK EIGHT REFINING / STREAMLINING IDEAS / 2

- Session 1** converge + prototype ideas
 - Session 2** converge + prototype ideas
 - Session 3** converge + prototype ideas // conduct critical reflection on experience and learning
-

Evaluation in this course

The learning objectives in this collaborative studio course are extremely complex and interconnected. This course requires:

- application, integration and evaluation of a body of theory,
- application, integration and evaluation of a body of methods and processes, and
- application of multiple sets of skills including communication & participation skills, research skills, strategic thinking skills, visual concepting skills, form-making skills, and information technology skills.

The instructor will seek to **balance** evaluation of all factors when calculating grades for each individual.

CRITERIA FOR GRADING ASSIGNMENTS

At the beginning of each assignment during the semester, you will receive an evaluation rubric to inform your understanding of the learning objectives of the assignment.

PERFORMANCE FEEDBACK

The instructor will present each student with a verbal grade assessment during regularly scheduled advising meeting at the quarter and mid-points of the semester or course module. The instructor will present each student with a written evaluation at the end of each semester or course module. Students can and should request individual advising meetings with the instructor at any time that they desire additional performance feedback.

COURSE GRADE BREAKDOWN FOR COLLABORATIVE STUDIOS

Your final grade will be calculated based on the following evaluations:

Team Portion of your grade	60% overall
Peer evaluation of team members performance	5%
External evaluation of team members performance	5%
Instructor evaluation of team communication logs/blogs	20%
Instructor evaluation of team project portfolio	30%
Individual Portion of your grade	40% overall
Self evaluation using written critical reflection (DEAL model)	10%
Instructor evaluation of your personal project portfolio	10%
Instructor evaluation of your writing assignments	10%
Instructor evaluation of your participation in the learning community	10%

CRITERIA FOR EVALUATING CLASS PARTICIPATION

Consistent attendance is expected except in case of emergency or illness. More than two unexcused absences will result in a reduction of the course grade (1/2 a letter grade per absence).

Class participation is more than just attendance. It includes consistent preparation, active listening, and contributing to discussions and projects.

Your grade for participation will be based on the following criteria:

Participating in discussions

PREPARATION Did you read the required material thoughtfully and critically? Did you come to class with questions to ask and issues to consider? Graduate students will be called upon to start discussion with thought-provoking questions from the readings. Write these down in advance.

ENGAGEMENT Do you ask questions of all members of the learning community? Do your questions close the conversation, or stimulate it? Are they deliberate and relevant to the discussion? Do you try to apply the material you have learned, relating and synthesizing information with previous discussions, readings, and experiences, as well as other classes and intellectual interests.

COURTESY Do you listen to others as they speak? Are you considerate of opposing viewpoints? Do you contribute to an atmosphere of mutual respect? Do you actively practice the skill of "deferral of judgement."

Participating in activities

PREPARATION Did you approach activities thoughtfully and critically? Did you come to class with questions to ask and issues to consider? Graduate students will be called upon to initiate activities with thought-provoking questions from the readings. Write these down in advance.

ENGAGEMENT Do you collaborate with all members of the learning community? Do your actions close the activity, or stimulate it? Are they deliberate and relevant to the discussion? Do you try to apply the theories and methods you have learned, relating and synthesizing information with previous discussions, readings, and experiences, as well as other classes and intellectual interests. Do you actively practice divergent thinking, deferral of judgement, and convergent thinking?

COURTESY Do you listen to others as they speak? Are you considerate of opposing viewpoints? Do you contribute to an atmosphere of mutual respect? Do you actively practice the skill of "deferral of judgement." Do you avoid using "killer phrases"? Do you avoid using jargon or "coded language"?

REFERENCE RESOURCES FOR ASSESSMENT OF MEMBERS OF TEAMS

Brown, David (2002) "Accounting for Team Learning," Syllabus, September 2002.
<http://www.campus-technology.com/article.asp?id=6709>

Michaelson, Larry K. (1999) "Myths And Methods In Successful Small Group Work." National Teaching and Learning Forum, Vol. 8, #6

Walker Teaching Resource Center, University of Tennessee Chattanooga (1998) "Evaluating Group Projects - Fairly"
<http://www.utc.edu/Teaching-Resource-Center/fairgroups.html> [No Longer Available]

Washington Center's Evaluation Committee, Evergreen State College
Assessment in and of Collaborative Learning
<http://www.evergreen.edu/washcenter/resources/acl/index.html>

Penn State University, Teaching and Learning with Technology, Building Blocks for Teams
<http://tlt.its.psu.edu/suggestions/teams/manage/grading.html>

Grading policies for graduate courses at Indiana University

Several distinct grading policies are in effect in graduate and professional programs at Indiana University. Since you will take graduate classes in several different schools, you must be aware of standards and policies for at least three different systems.

GRADING SCALE AT INDIANA UNIVERSITY

LETTER	NUMBER	GPA VALUES
A+	100 - 97	4.0
A	96.99 - 93	4.0
A-	92.99 - 90	3.7
B+	89.99 - 87	3.3
B	86.99 - 83	3.0
B-	82.99 - 80	2.7
C+	79.99 - 77	2.3
C	76.99 - 73	2.0
C-	72.99 - 70	1.7 lowest passing grade in MFA/VC degree program
D+	69.99 - 68	1.3
D	67.99 - 64	1.0
D-	63.99 - 60	0.7
F	59.99 -	0

GRADING POLICIES FOR COURSES ADMINISTERED BY THE INDIANA UNIVERSITY GRADUATE SCHOOL

When you take a graduate level course in an academic department **other** than the Department of Visual Communication, you will be evaluated according to the standards and policies of the course department. The IU Graduate School policy is stated on page 184 of the *IUPUI All-Campus Bulletin 2006-08*, "Courses completed with grades below C (2.0) are not counted toward degree requirements, but such grades will be counted in calculating a student's grade point average. Some departments may require an average grade in graduate courses higher than B (3.0), while others may count no courses completed with grades below B (3.0) toward degree requirements."

ATTENDANCE POLICY FOR MFA COURSES IN

Regular attendance, class preparation, and participation are expected of all students. An Attendance sheet will be passed out in class for each student to sign their name. If you do not sign your name while in class you will be marked absent.

Consistent attendance is expected except in case of emergency or illness. More than two unexcused absences will result in a reduction of the course grade (1/2 a letter grade per absence).

The MFA in Visual Communication attendance policy provides that a student who is absent from more than 10 percent of classes in any course may be dropped from the course at the discretion of the instructor. A student who is dropped for non-attendance in one of the required courses will receive a grade of F unless a grade of W is authorized upon petition to the school's Student Affairs Committee.

GRADING POLICIES FOR MFA COURSES IN
IN THE DEPARTMENT OF VISUAL COMMUNICATION

All graduate courses in the Department of Visual Communication utilize the standard Indiana University Grading Scale. However, grading policies applied to MFA majors in the Department of Visual Communication differ from grading policies utilized by the Indiana University Graduate School (*see IU Graduate School policies on previous page*). Grading scales and grade policies for a graduate courses of the Department of Visual Communication are designed to match grade policies utilized in the MBA degree program of the Indiana University Kelley School of Business at IUPUI.

Only courses with grades of "C-" or better will count toward the necessary hours for graduation, although ALL grades (except ineligible course work and transfer credit) are used in computing the GPA. Based on the above values, a candidate must compile a minimum cumulative grade point average of 2.75 in all graduate courses of the Department of Visual Communication course work to remain in good standing and to complete graduation requirements. Courses not approved as a part of the student's MFA curriculum will not be included in calculation of the MFA GPA (Grade Point Average).

If a "D+/" "D"/"D-" is earned, the hours will NOT count toward graduation, but the grade will be used in calculating the GPA. The course cannot be repeated; additional course work to replace the hours and review work will be recommended.

If an "F" is received in a course, the hours will NOT count toward graduation and the grade will be used to calculate the GPA. If the course is an elective, it may not be repeated. Required courses must be repeated, however. (Sequencing rules will apply.)

No points are assigned for the following grade symbols: I (incomplete), NC (no credit), NR (no report filed by the instructor), S/F (satisfactory/failure), or W (withdrawn).

INCOMPLETE. An incomplete grade in this course will only be permitted in exceptional circumstances, such as a documented serious illness or injury. No one may have an incomplete simply to gain more time to complete course requirements.

MFA students may not enroll in graduate course work for credit toward the MFA degree under the pass/fail option.

Americans with disabilities act

If you need any special accommodations due to a disability, please contact Adaptive Educational Services at (317)-274-3241. The office is located in CA 001E.

Counseling and Psychological Services

<http://life.iupui.edu/caps>

If you find that life stressors are interfering with your academic or personal success, consider contacting Counseling and Psychological Services (CAPS). All IUPUI students are eligible for counseling services at minimal fees. CAPS also performs evaluations for learning disorders and ADIID; fees are charged for testing. CAPS is located in UN418. For more information, see the CAPS web-site or call them at 274-2548.

Valuing diversity

In our classroom we will accept and respect individual differences, seeking to foster an appreciation of diversity. Students are expected to respect other students and their opinions regardless of race, ethnicity, gender, age, religion, or sexuality.

Code of academic conduct

<http://www.iupui.edu/code/>

Preamble

"The purposes of Indiana University include the advancement of knowledge, the pursuit of truth, the development of students, and the promotion of the general well-being of society.

As a community, we share a dedication to maintaining an environment that supports trust, respect, honesty, civility, free inquiry, creativity, and an open exchange of ideas.

Individual rights are best protected by a collective commitment to mutual respect. A student who accepts admission to Indiana University agrees to:

- be ethical in his or her participation in the academic community,
- take responsibility for what he or she says and does,
- behave in a manner that is respectful of the dignity of others, treating others with civility and understanding,
- use university resources and facilities in appropriate ways consistent with their purpose and in accordance with applicable policies.

Every Indiana University student is responsible for reading and understanding this Statement, as well as other expectations identified by individual schools or organizations relevant to an academic major, professional field, or on-campus residence. This Code of Student Rights, Responsibilities, and Conduct is intended to identify the basic rights, responsibilities, and expectations of all students and student groups to serve as a guide for the overall student experience at Indiana University."

PART II: STUDENT RESPONSIBILITIES

G. ACADEMIC RESPONSIBILITIES & MISCONDUCT

http://www.iupui.edu/codes/#Pz_G

Academic misconduct includes, but is not limited to, the following:

1. Cheating

Cheating is considered to be an attempt to use or provide unauthorized assistance, materials, information, or study aids in any form and in any academic exercise or environment.

- a. A student must not use external assistance on any "in-class" or "take-home" examination, unless the instructor specifically has authorized external assistance. This prohibition includes, but is not limited to, the use of tutors, books, notes, calculators, computers, and wireless communication devices.
- b. A student must not use another person as a substitute in the taking of an examination or quiz, nor allow other persons to conduct research or to prepare work, without advance authorization from the instructor to whom the work is being submitted.
- c. A student must not use materials from a commercial term paper company; files of papers prepared by other persons, or submit documents found on the Internet. A student must not collaborate with other persons on a particular project and submit a copy of a written report that is represented explicitly or implicitly as the student's individual work.
- d. A student must not use any unauthorized assistance in a laboratory, at a computer terminal, or on fieldwork.
- e. A student must not steal examinations or other course materials, including but not limited to, physical copies and photographic or electronic images.
- f. A student must not submit substantial portions of the same academic work for credit or honors more than once without permission of the instructor or program to whom the work is being submitted.
- g. A student must not, without authorization, alter a grade or score in any way, nor alter answers on a returned exam or assignment for credit.

2. Fabrication

A student must not falsify or invent any information or data in an academic exercise including, but not limited to, records or reports, laboratory results, and citation to the sources of information.

3. Plagiarism

Plagiarism is defined as presenting someone else's work, including the work of other students, as one's own. Any ideas or materials taken from another source for either written or oral use must be fully acknowledged, unless the information is common knowledge. What is considered "common knowledge" may differ from course to course.

- a. A student must not adopt or reproduce ideas, opinions, theories, formulas, graphics, or pictures of another person without acknowledgment.
- b. A student must give credit to the originality of others and acknowledge indebtedness whenever:
- c. Directly quoting another person's actual words, whether oral or written;
- d. Using another person's ideas, opinions, or theories;
- e. Paraphrasing the words, ideas, opinions, or theories of others, whether oral or written;
- f. Borrowing facts, statistics, or illustrative material; or
- g. Offering materials assembled or collected by others in the form of projects or collections without acknowledgment.

4. Interference

- a. A student must not steal, change, destroy, or impede another student's work. Impeding another student's work includes, but is not limited to, the theft, defacement, or mutilation of resources so as to deprive others of the information they contain.
 - b. A student must not give or offer a bribe, promise favors, or make threats with the intention of affecting a grade or the evaluation of academic performance.
-

FACULTY ACTION

<http://www.life.iupui.edu/Who/Dean/Code/>

If a faculty member has information that one of his/her students committed an act of academic misconduct, the faculty member is required to hold an informal conference with the student. The conference should be prompt and private. If the faculty member concludes that the student is responsible for the misconduct, then the faculty member is authorized to impose an appropriate academic sanction (i.e., lower or failing grade on the assignment, assessing a lower or failing grade for the course).

After reporting the information to the Dean of Students, he/she will review the information to determine if additional sanctions should be applied.

Sanctions are outlined in the Code of Student Rights, Responsibilities, and Conduct.

RESOURCES TO SUPPORT WRITING

<http://writing.iupui.edu/>

The University Writing Center is dedicated to assisting both experienced and inexperienced writers with all types of composition, fostering productive discourse between students and their classroom instructors, and helping IUPUI maintain its tradition of serious academic instruction in a positive, open, and intellectually-stimulating environment.

The University Writing Center is a free service available to all IUPUI students, faculty, and staff, at both the graduate and undergraduate level.

If you are a student, staff, or faculty member, the Writing Center is a place where you can sit down with an experienced reader who will provide assistance with your writing. UWC tutors aid both experienced and inexperienced writers at all stages of the writing process, and in any discipline. Additionally, tutors can assist you with other writing-related projects such as resumes, scholarship letters, etc.

Please utilize handouts available at the Writing Center.

<http://www.iupui.edu/~writectr/handouts.html>

Many of these handouts are relevant to writing needs of the course. The following guides may be most useful:

"Analyzing a Text, Advertisement, or Other Source in W131"

"MLA Documentation Style: A Brief Overview"

"MLA Documentation Style: Formatting In-Text Citations"

"MLA Format: How to Cite Electronic Sources"

"Thesis Statements, Revising"

COURSE POLICY ON DOCUMENTATION STYLES

You are asked to use MLA documentation style for all writing assignments.

(You may use APA Style or ASA Style if you are already expert with other conventions...

Just be consistent.)

USE OF ONLINE PLAGIARISM DETECTION SERVICES

<http://www.turnitin.com/>

As part of my evaluation of your writing assignments, I will use Turnitin, an online plagiarism detection service that can be used to detect copied material.

You may also use Turnitin as a tool to help you correct poor citing or paraphrasing prior to finishing the assignment.

In class you will receive instructions for using Turnitin to review any writing assignment online.

Basically, you will go to Turnitin.com, select the 'New User' button, and, when prompted, type in the username and password that I provided for your class. The attachment 'turnitin student directions.pdf' is a set of instructions to walk you through how to do this.

YOUR Turnitin.com class ID: _____

YOUR Turnitin.com enrollment password: _____

**“In the future we
will be designing and
innovating with
people, not just for
them.”**

Sanders, Elizabeth and Gerry VanPatter.

“Science in the Making: Understanding Generative Research Now!” NextDesign Journal, Issue 5:1, 2004.