

## FUNDAMENTALS OF PSYCHOLOGICAL RESEARCH

PSYC 209 (Course ID 5452A, 5 credits)

9:30-10:20 Daily in L126

Winter 2013

<b>Instructor</b>	Elizabeth Anthony, Ph.D.	<b>Office Location</b>	D100-A
<b>Email</b>	elizabeth.anthony@bellevuecollege.edu	<b>Office Hours</b>	T/Th 12:30-3:00pm <i>and by appt.</i>
<b>Office Phone</b>	425-564-2329	<b>Social Science Division</b>	D110 425-564-2331

*This syllabus provides a general plan for the course; deviations may be necessary.*

<b>Course Description</b>	This course covers theories, techniques, and applications of psychological research methodology. Students explore a variety of approaches, ranging from uncontrolled field observation to laboratory experiments. Topics include data analysis, report writing, and factors affecting research results.
<b>Prerequisite</b>	PSYC& 100
<b>Required Materials</b>	<p><u>Text</u> – Cozby, P. C., &amp; Bates, S. C. (2012). <i>Methods in Behavioral Research</i> (11<sup>th</sup> ed.). New York, NY: McGraw-Hill. ISBN: 978-0-07-803515-9 <i>You can also rent the textbook online at a discounted price through CourseSmart.com.</i></p> <p><u>Email</u> - Communication regarding this course will be done through BC email accounts only. Your student network account can be used to access your student e-mail, log in to computers in labs and classrooms, connect to the BC wireless network, and log in to MyBC. To create your account, go to: <a href="https://bellevuecollege.edu/sam">https://bellevuecollege.edu/sam</a></p> <p><u>Canvas</u> – Canvas is BC’s web-based software that allows instructors to build and maintain a secure web space to share course content, communicate with students, provide online learning activities and assessments, and keep track of student progress. I will post course materials such as PowerPoint lecture notes to Canvas. I strongly encourage you to review and print these materials before each class session. <i>BC offers a wide variety of computer and learning labs to enhance learning and student success. Find current campus locations for all student labs by visiting the <a href="#">Computing Services website</a>.</i></p>
<b>Learning Outcomes</b>	<p><u>Course Specific</u> - After completing this course, students should be able to:</p> <ol style="list-style-type: none"> <li>1. Demonstrate an understanding of the purpose, scope and areas of interest of researchers in psychology and how this relates to the other behavioral sciences.</li> <li>2. Identify the scientific progress and research methods psychologists and behavioral scientists use in the study of human behavior.</li> <li>3. Define important research and statistical terms, concepts, and principles used in the study of human behavior.</li> <li>4. State and develop a specific, investigable problem or issue in psychology.</li> <li>5. Demonstrate the ability to perform an effective literature search and summarization leading to an operationally definable hypothesis.</li> <li>6. Design survey instruments, or otherwise design strategies to gather data appropriate to the defined hypothesis.</li> </ol>

	<ol style="list-style-type: none"> <li>7. Identify and compare various research methods and designs used to guide and develop research investigations, to select an appropriate design for the a research project.</li> <li>8. Perform research investigations at a basic level, using inferential statistical methods, involving at least two factors or variables.</li> <li>9. Analyze the project methodology and the research of others to identify major flaws, confounding variables, rival hypotheses and threats to validity in the project.</li> <li>10. Write a concluding report of the study in APA journal style, providing a clear written interpretation of the findings, following standard practices and procedures for organization and illustration.</li> <li>11. Comprehend and apply ethical principles in the conduct of research.</li> </ol> <p><u>General Education</u> - BC students experience many opportunities across the curriculum to develop and apply college-wide abilities in preparation for their roles in an increasingly diverse, technologically complex, information-driven society. These abilities include Critical Thinking, Creativity, and Problem Solving, Cultural Diversity, and Nature of Science. Over the course of this class, you will be given the opportunity to practice and hone each of these abilities.</p>
<b>Learning Assessments</b>	<p><u>Chapter Quizzes</u> - You will complete 12 multiple-choice quizzes over the course of the semester (see Course Schedule for dates). Each quiz will cover roughly 1 chapter or 3 days worth of material presented in class and in text. Quizzes are worth up to 25 points each. You cannot make-up missed chapter quizzes for any reason. Instead, I will drop your lowest 2 quiz scores and calculate your final chapter quiz grade out of 10 quizzes. Quizzes will not take the entire class period; I will lecture after.</p> <p><u>Final Exam</u> - You will complete a cumulative final exam in this course (see Course Schedule for date and time). The final exam is worth up to 100 points and will consist of short answer, matching, multiple-choice, essay and fill-in-the-blank type questions. While the chapter quizzes ensure you read the textbook, the final exam will ensure you understand how to <i>apply</i>, not just recognize and regurgitate course material. Make-up exams may be administered under rare circumstances. If, for extreme illness or some other reason beyond your control, you are unable to be present at the final exam, contact me immediately. With appropriate documentation explaining your absence, you may make-up a missed final exam. Make-up exams must be taken as soon as you are able to return to campus.</p> <p><u>Literature Search – Article</u> - After we review how to search for peer-reviewed scientific articles using library databases, you will locate one on a topic of your interest in psychology and answer several questions about it. You can earn up to 25 points on this assignment. Articles will be docked 10% points for each day late. For example, if you earn an 87% on this assignment, but submitted it 1 day late, you will receive a 77%.</p> <p><u>Collecting Survey Data</u> - To gain practice designing and collecting survey data, you will collect information from several Bellevue College students. We will compile and analyze survey data in class. More information about this assignment will be presented in class. This assignment is worth up to 25 points.</p> <p><u>Middlemist et al. (1976) Ethics Essay</u> - The purpose of this assignment is to get you to think critically about ethics in psychological research. To stimulate your critical thinking, you will pretend like you are a member of an Institutional Review Board (IRB) charged with weighing the costs and benefits of the Middlemist et al. (1976) study on</p>

urination and personal space invasions. Your 2-3 page analysis will incorporate the APA Code of Ethics. This assignment is worth up to 100 points. Essays will be docked 10% points for each day late.

Observational Research Report – The purpose of this assignment is to practice operationally defining observable behavior. Your task is to define and then describe a behavior using the observational research design and write up your observations in a brief, 1-pages in length, report. To improve validity and reliability, you will work with a partner to conduct the observation, but will submit your own write-up. More information about this assignment will be presented in class. This assignment is worth up to 100 points.

*Before submitting your writing in this class, I strongly encourage you to make an appointment with the Writing Lab (housed in Academic Success Center). To make an appointment or learn more about the services they offer, visit the link below.*

<http://bellevuecollege.edu/asc/writing/links/>

Participation – You will complete several in-class activities in group and individual format to reinforce material presented in lecture and text. These activities will teach you to apply psychological concepts, theories, and principles to real-world phenomena. In-class activities cannot be made up for points if you miss class. They serve, in part, to encourage attendance. I will, however, post in-class activities to Canvas so students who miss class can still practice these skills on their own time. You can earn up to 50 points for participation based on the **percentage** of activities completed over the quarter. Points will be assigned on the following scale.

<b>% of Activities Completed</b>	<b>Bonus Points</b>
90-100	50
80-89	42.5
79-70	37.5
69-60	32.5
59-50	27.5
49-40	22.5
39-30	17.5
29-20	12.5
19-10	7.5
9-1	2.5

Attendance – I will begin each class by answering your questions about the previous night's assigned reading. To earn attendance points, you will submit a notecard with your name and either 1) a question about the reading or 2) something covered in the reading that you do not fully understand and would like reviewed in class. Notecards are due any day we have assigned reading. I will not accept late notecards. You must turn your notecard in by the start of class to earn credit. You can earn up to 50 attendance points based on the **percentage** of notecards submitted over the quarter. Points will be assigned using the above scale.

<b>Grading</b>	<b>Learning Assessment</b>	<b>Pts Possible</b>	<b>Letter Grade</b>
	12 Ch Quizzes (drop 2)	250 pts	A (≥ 93%)
	Final Exam	100 pts	A- (90-92%)
	Literature Search	25 pts	B+ (87-89%)

	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Collecting Survey Data</td> <td style="text-align: center;">25 pts</td> <td style="text-align: center;">B (83-86%)</td> </tr> <tr> <td style="text-align: center;">Middlemist et al. (1976) Ethics Essay</td> <td style="text-align: center;">100 pts</td> <td style="text-align: center;">B- (80-82%)</td> </tr> <tr> <td style="text-align: center;">Observational Research Report</td> <td style="text-align: center;">100 pts</td> <td style="text-align: center;">C+ (77-79%)</td> </tr> <tr> <td style="text-align: center;">Participation</td> <td style="text-align: center;">50 pts</td> <td style="text-align: center;">C (73-76%)</td> </tr> <tr> <td style="text-align: center;">Attendance</td> <td style="text-align: center;">50 pts</td> <td style="text-align: center;">C- (70-72%)</td> </tr> <tr> <td style="text-align: center;"><b>TOTAL</b></td> <td style="text-align: center;"><b>700 pts</b></td> <td style="text-align: center;">D+ (67-69%) D (60-66%) F (<math>\leq</math> 59%)</td> </tr> </table> <p><u>Rounding</u> - All grading will be rounded to the nearest integer. As such, a score of 89.5 is rounded <i>up</i> to a 90, whereas a score of 89.4 is rounded <i>down</i> to an 89. For more info on grading policies, visit:  <a href="http://bellevuecollege.edu/policies/3/3000_Grading.asp">http://bellevuecollege.edu/policies/3/3000_Grading.asp</a></p>	Collecting Survey Data	25 pts	B (83-86%)	Middlemist et al. (1976) Ethics Essay	100 pts	B- (80-82%)	Observational Research Report	100 pts	C+ (77-79%)	Participation	50 pts	C (73-76%)	Attendance	50 pts	C- (70-72%)	<b>TOTAL</b>	<b>700 pts</b>	D+ (67-69%) D (60-66%) F ( $\leq$ 59%)
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<b>Return of Materials</b>	<p>When students receive graded materials back from the instructor, they assume responsibility for these materials and their possible loss. Students are responsible for maintaining these materials until they have been assigned a final grade for the course.</p>																		
<b>Class Conduct</b>	<p><u>Student Code of Conduct</u> - "Cheating, stealing and plagiarizing (using the ideas or words of another as one's own without crediting the source) and inappropriate or disruptive classroom behavior are violations of the Student Code of Conduct at Bellevue College. Examples of unacceptable behavior include, but are not limited to: talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Vice President of Student Services for possible probation or suspension from Bellevue College. Specific student rights, responsibilities and appeal procedures are listed in the Student Code of Conduct, available in the office of the Vice President of Student Services."</p> <p>Student conduct expectations will be in compliance with policies described in the BC student handbook. All work that you submit in this course must be the product of your own efforts. Cheating and plagiarism will not be tolerated. Penalties for cheating and plagiarism include but are not limited to failing the assignment or the course. To learn more about what plagiarism is and how to avoid it, please visit:  <a href="http://bellevuecollege.edu/asc/writing/essays-guides/documents/plagiarism.pdf">http://bellevuecollege.edu/asc/writing/essays-guides/documents/plagiarism.pdf</a></p> <p>In addition, cell phone use in class is not allowed; cell phone are to be turned off and put away prior to entering the classroom. For more information and to see the Student Code, Policy 2050, in its entirety, please visit:  <a href="http://bellevuecollege.edu/policies/2/2050_Student_Code.asp">http://bellevuecollege.edu/policies/2/2050_Student_Code.asp</a></p> <p><u>Attendance</u> – Attendance is mandatory; however, if an emergency arises and you are unable to attend a lecture, it is your responsibility to get notes from another student and obtain information regarding announcements or changes in the schedule that you have missed. <b>Do not contact your instructor and ask what you missed.</b> If you discover that you have questions concerning the missed class that you are unable to answer yourself after reviewing a classmate's notes, please see your instructor during office hours to get clarification.</p> <p><u>Participation</u> - You are encouraged to participate in discussions of the theoretical issues presented in class. Some theories may appear counter-intuitive and may provoke much reaction, sparking lively discussions. Within these discussions, it is important to remain respectful of your fellow students. Everyone has a point of view. While discussion is</p>																		

	<p>encouraged and will be solicited, side comments and off-topic talk will not be tolerated.</p> <p><u>Punctuality</u> – You are expected to be on time for class. Arriving late or leaving early breaks the flow of the class and is distracting. If circumstances beyond your control cause you to arrive late, please take a seat close to the door. In the event that you must leave class early, please tell me ahead of time and sit close to the door.</p> <p><u>Affirmation of Inclusion</u> - BC is committed to maintaining an environment in which every member of the campus community feels welcome to participate in the life of the college, free from harassment and discrimination. We value our different backgrounds at Bellevue College, and students, faculty, staff members, and administrators are to treat one another with dignity and respect. As such, our classroom is a Safe Space where I welcome your individuality and I will defend your right to be yourself in the spirit of learning and in an environment of mutual respect. For more information, visit:  <a href="http://bellevuecollege.edu/about/goals/inclusion.asp">http://bellevuecollege.edu/about/goals/inclusion.asp</a></p>
<b>Support Services</b>	<p><u>Disability Resource Center (DRC)</u> - The DRC serves students with a wide array of learning challenges and disabilities. If you are a student who has a disability or learning challenge for which you have documentation or have seen someone for treatment and you feel you need accommodations to be successful in college, please contact the DRC. The DRC office is located in B132. Their reception desk can be contacted by calling 425-564-2498 or TTY 425-564-4110. Information is also available at:  <a href="http://bellevuecollege.edu/drc/">http://bellevuecollege.edu/drc/</a></p> <p><u>Counseling Center</u> - Counseling services are provided by Faculty Counselors who provide short-term personal, career, and academic counseling to registered students at BC. Faculty Counselors can be reached through the Advising and Counseling Front Desk at (425) 564-2212. You may call or stop by in person on the 2nd floor of the Student Services building (B-Building) to make an appointment. You may be seen on a drop-in basis for immediate assistance on Mondays and Wednesdays at 1-4 p.m. and Tuesdays, Thursdays and Fridays 1-3 p.m. For more information:  <a href="http://depts.bellevuecollege.edu/counseling/">http://depts.bellevuecollege.edu/counseling/</a></p> <p>In addition to the DRC and the Counseling Center, BC has a variety of support services available to students, each with the aim of promoting student success (examples include TRiO, LMC, MCS). I encourage you to spend some time perusing this site:  <a href="http://www.bellevuecollege.edu/resources/services/">http://www.bellevuecollege.edu/resources/services/</a></p>
<b>Incompletes and Hardship Withdrawals</b>	<p><u>Incompletes</u> - If unforeseen circumstances beyond your control prevent you from completing specific prescribed requirements for a course, you can request an incomplete. It is your responsibility to demonstrate why the “I” is appropriate. Granting the request and assigning the “I” grade is the prerogative of the instructor. If a student has performed at a passing level during the quarter but for some reason is unable to complete the course requirements, he/she may be assigned an “I” grade at the course instructor’s discretion.</p> <p><u>Hardship Withdrawals</u> – After the official withdrawal period is over (<b>after the 10<sup>th</sup> day of the quarter</b>), hardship withdrawals may be granted due to extenuating circumstances. The student must contact the instructor to request this withdrawal option. Please visit the following website to learn more about these options:  <a href="http://bellevuecollege.edu/policies/3/3000_grading.asp">http://bellevuecollege.edu/policies/3/3000_grading.asp</a></p>

<b>Official Emergency &amp; Closure Status</b>	<p>In the event of inclement weather or emergency conditions, please check the BC website (<a href="http://bellevuecollege.edu/status/">http://bellevuecollege.edu/status/</a>) or call 425-401-6680 for a recorded message. You may also listen to local radio or TV stations for school closure announcements.</p> <p><u>Public Safety</u> - The Bellevue College Public Safety Department's well-trained non-commissioned staff provides personal safety, security, crime prevention, preliminary investigations, and other services to the campus community, 24 hours per day, 7 days per week. Their phone number is 425-564-2400. The Public Safety website is your one-stop resource for campus emergency preparedness information, campus closure announcements, and critical information in the event of an emergency. Public Safety is located in K100 and on the web at: <a href="http://bellevuecollege.edu/publicsafety/">http://bellevuecollege.edu/publicsafety/</a>.</p>
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**Course Schedule**

Monday	Tuesday	Wednesday	Thursday	Friday
		Jan2 Welcome! Meet- and-greet; Syllabus review	Jan3 Intro to course; Course expectations	Jan4 Appendix A: Writing Research Reports
Jan7 Ch 1	Jan8 Ch 1	Jan9 Ch 1	Jan10 <b>Ch 1 Quiz</b>	Jan11 Ch 2
Jan14 Ch 2	Jan15 Ch 2	Jan16 <b>Ch 2 Quiz; Literature search – Article</b>	Jan17 Ch 3	Jan18 Ch 3
Jan21 Martin Luther King, Jr. Day; No Class	Jan22 Ch 3	Jan23 <b>Ch 3 Quiz</b>	Jan24 Ch 4	Jan25 Ch 4
Jan28 Ch 4	Jan29 <b>Ch 4 Quiz</b>	Jan30 Ch 14	Jan31 Ch 14	Feb1 Ch 14
Feb4 <b>Ch 14 Quiz; Middlemist et al. (1976) Ethics Essay</b>	Feb5 Ch 5	Feb6 Ch 5	Feb7 Ch 5	Feb8 <b>Ch 5 Quiz</b>
Feb11 Ch 6	Feb12 Ch 6	Feb13 Ch 6	Feb14 <b>Ch 6 Quiz</b>	Feb15 Ch 7
Feb18 President's Day; No Class	Feb19 Ch 7	Feb20 Ch 7; <b>Collecting Survey Data</b>	Feb21 <b>Ch 7 Quiz</b>	Feb22 Ch 8
Feb25 Ch 8	Feb26 Ch 8	Feb27 <b>Ch 8 Quiz; Observational Research Report</b>	Feb28 Ch 9	March1 Ch 9
March4 Ch 9	March5 <b>Ch 9 Quiz</b>	March6 Ch 10	March7 Ch 10	March8 Ch 10
March11 <b>Ch 10 Quiz</b>	March12 Ch 11	March13 Ch 11	March14 Ch 11	March15 <b>Ch 11 Quiz</b>
March18 <b>FINAL EXAM 9:30-11:20am</b>				

## PROCEDURES AND GUIDELINES OF THE SOCIAL SCIENCE DIVISION Winter 2013

### Cheating, Stealing and Plagiarizing\*

Cheating, stealing and plagiarizing (using the ideas or words of another as one's own without crediting the source) and inappropriate/disruptive classroom behavior are violations of the Student Code of Conduct at Bellevue College. Examples of unacceptable behavior include, but are not limited to: talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Dean of Student Services for possible probation or suspension from Bellevue College. Specific student rights, responsibilities and appeal procedures are listed in the Student Code of Conduct, available in the office of the Dean of Student Services and at [http://bellevuecollege.edu/policies/2/2050P\\_Student\\_Code\\_\(Procedures\).asp](http://bellevuecollege.edu/policies/2/2050P_Student_Code_(Procedures).asp)

Email Communication with instructors must be done through student email accounts only. Instructors cannot communicate with students about their course work or grades through student's personal email accounts.

### Incomplete

If a student fails to complete all the required work for a course, an instructor may assign the grade of Incomplete ("I"). The student must complete the coursework by the end of the next quarter, or receive the assigned letter grade (usually an "F").

### F Grade

Students who fail a course will receive a letter grade of "F."

### Final Examination Schedule

The Social Science Division will adhere to the final examination schedule as stated in the BC Schedule. Final examinations will be held at the end of each quarter at fixed times. Instructors will not give examinations in advance of the regular schedule. A student who is absent from any examination held at any time during the quarter may forfeit the right to make up the examination. If, for illness or some other circumstance beyond the student's control, the student is unable to be present at any scheduled examination and has contacted the instructor on a timely basis, the student may be permitted to take such examination at a time designated by the instructor.

### Withdrawal From Class

College policy states that students must formally withdraw from a class by the end of the seventh week of the quarter (Registration Office, B125). If a student has not withdrawn by that date, an appropriate letter grade will be assigned for the course.

### Hardship Withdrawal

Instructors may assign the grade of "HW" (hardship withdrawal) at their discretion in the event that a student cannot complete the coursework due to extreme and exceptional circumstances. Students may also contact the Enrollment Services office BEFORE grades are assigned in cases of hardship.

### Students Who Require Disability Accommodations:

Students with disabilities who have accommodation needs are encouraged to meet with the Disability Resource Centre (DRC) office located in B132 (telephone 425.564.2498 or TTY 425.564.4110), to establish their eligibility for accommodation. The DRC office will provide each eligible student with an accommodation letter. Students who require accommodation in class should review the DRC accommodation letter with each instructor during the first week of the quarter.

Students with mobility challenges who may need assistance in case of an emergency situation or evacuation should register with Disability Resource Centre, and review those needs with the instructor as well.

### Distribution of Grades

Grades will not be posted in the Social Science Division or in faculty offices, and program assistants or coordinators will not give out grades. Students should access their grades through the BC Web site.

### Return of Papers and Tests

Paper and/or Scantron score sheet returns will be arranged in the following ways ONLY: by mail, if student supplies the instructor with stamped, self-addressed envelope (with appropriate postage); or by the instructor designating a time and place whereby the student may retrieve his/her papers. Unclaimed papers and/or Scantron score sheets must be kept by the instructor for a minimum of sixty (60) instructional days following the end of the quarter.

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*\*If you are accused of cheating, stealing exams and/or plagiarism, there is a Bellevue College Student Discipline and Appeals Procedure (the right to due process), which you may pursue. Contact the office of Division Chair (D110), the Dean of Student Services (B231A) or the Associated Student Body (C212) for information regarding the appeals process.*