SIGNATURE ROUTING LOG

General Information:

Proposal Type: Course ☒   Program ☐   Other ☐

Proposal Name[1] (course prefix & number, pgm major & degree, etc.): <u>PSY 215: Experimental Psychology</u> *(chg; add DL)*

Proposal Contact Person Name: Andrea Friedrich   Phone: 7-6431   Email: Deafriedrich@aol.com
Nathan DeWall   7-8105   nathan.dewall@uky.edu

INSTRUCTIONS:

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

Internal College Approvals and Course Cross-listing Approvals:

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Psychology, curriculum cmte	10/4/2010	Ronald Taylor / 7-4132 / psyront@email.uky.edu	*Ronald D. Taylor*
Psychology, Chair	10/4/2010	Robert Lorch / 7-6826 / rlorch@email.uky.edu	*R. Lorch*
		/ /	
		/ /	
A&S Ed. Policy Cmte.	11/29/10	Joanna Badagliacco, Soc. Sci. / 7-4335 / jmb@uky.edu	*JMBadagliacco*
A&S Dean	11/29/10	Anna Bosch, Associate Dean / 7-6689 / bosch@uky.edu	*APBosch*

UGC 12/10/10

External-to-College Approvals:

Council	Date Approved	Signature	Approval of Revision[2]
Undergraduate Council	2/15/2011	Sharon Gill *(Digitally signed by Sharon Gill. DN: cn=Sharon Gill, o=Undergraduate Education, ou=Undergraduate Council, email=sgill@uky.edu, c=US. Date: 2011.02.18 08:40:26 -05'00')*	
Graduate Council			
Health Care Colleges Council			
Senate Council Approval		University Senate Approval	

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[1] Proposal name used here must match name entered on corresponding course or program form.
[2] Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

APPLICATION FOR COURSE CHANGE (MAJOR AND MINOR)

Complete 1a – 1f & 2a – 2c. Fill out the remainder of the form as applicable for items being changed.

1. **General Information.**

a. Submitted by the College of: <u>Arts and Sciences</u>   Today's Date: <u>10/22/2010</u>

b. Department/Division: <u>Psychology</u>

c. Is there a change in "ownership" of the course?   YES ☐   NO ☒

   If YES, what college/department will offer the course instead? _____

d. What type of change is being proposed? ☒ Major   ☐ Minor[1] (place cursor here for minor change[OSC1] definition)

e. Contact Person Name: <u>Andrea Friedrich</u>   Email: <u>Deafriedrich@aol.com</u>   Phone: <u>7-6431</u>

f. Requested Effective Date: ☐ Semester Following Approval   OR   ☒ Specific Term[2]: <u>Summer 2011</u>

2. **Designation and Description of Proposed Course.**

a. **Current Prefix and Number:** <u>PSY 215</u>   *Proposed Prefix & Number:* <u>*PSY 215*</u>

b. **Full Title:** <u>Experimental Psychology</u>   *Proposed Title:* <u>*Experimental Psychology*</u>

c. **Current Transcript Title (if full title is more than 40 characters):** _____

c. *Proposed Transcript Title (if full title is more than 40 characters):* _____

d. **Current Cross-listing:** ☐ N/A   OR   Currently[3] Cross-listed with (Prefix & Number): _____

   Proposed – ☐ *ADD[3] Cross-listing (Prefix & Number):* _____

   Proposed – ☐ *REMOVE[3, 4] Cross-listing (Prefix & Number):* _____

e. **Courses must be described by <u>at least one</u> of the meeting patterns below. Include number of actual contact hours[5] for each meeting pattern type.**

Current: _____ Lecture   _____ Laboratory[5]   _____ Recitation   _____ Discussion   _____ Indep. Study

_____ Clinical   _____ Colloquium   _____ Practicum   _____ Research   _____ Residency

_____ Seminar   _____ Studio   _____ Other – Please explain: _____

Proposed: _____ Lecture   _____ Laboratory   _____ Recitation   _____ Discussion   _____ Indep. Study

_____ Clinical   _____ Colloquium   _____ Practicum   _____ Research   _____ Residency

_____ Seminar   _____ Studio   _____ Other – Please explain: _____

f. **Current Grading System:** ☐ Letter (A, B, C, etc.)   ☐ Pass/Fail

   Proposed Grading System: ☐ Letter (A, B, C, etc.)   ☐ Pass/Fail

g. **Current number of credit hours:** _____   *Proposed number of credit hours:* _____

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[1] See comment description regarding minor course change. *Minor changes are sent directly from dean's office to Senate Council Chair.* If Chair deems the change as "not minor," the form will be sent to appropriate academic Council for normal processing and contact person is informed.

[2] Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

[3] Signature of the chair of the cross-listing department is required on the Signature Routing Log.

[4] Removing a cross-listing does not drop the other course – it merely unlinks the two courses.

[5] Generally, undergrad courses are developed such that one semester hr of credit represents 1 hr of classroom meeting per wk for a semester, exclusive of any lab meeting. Lab meeting generally represents at least two hrs per wk for a semester for 1 credit hour. (See SR 5.2.1.)

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APPLICATION FOR COURSE CHANGE (MAJOR AND MINOR)

h. Currently, is this course repeatable for additional credit? YES ☐ NO ☐

    Proposed to be repeatable for additional credit? YES ☐ NO ☐

    If YES: Maximum number of credit hours: _____

    If YES: Will this course allow multiple registrations during the same semester? YES ☐ NO ☐

i. **Current Course Description for Bulletin:** _____

    Proposed Course Description for Bulletin: _____

j. **Current Prerequisites, if any:** _____

    Proposed Prerequisites, if any: _____

k. Current Distance Learning(DL) Status: ☐ N/A ☐ Already approved for DL* ☒ *Please Add[6]* ☐ *Please Drop*

    *If already approved for DL, the Distance Learning Form must also be submitted <u>unless</u> the department affirms (by checking this box ☐) that the proposed changes do not affect DL delivery.

l. **Current Supplementary Teaching Component, if any:** ☐ Community-Based Experience ☐ Service Learning ☐ Both

    Proposed Supplementary Teaching Component: ☐ *Community-Based Experience* ☐ *Service Learning* ☐ *Both*

3. **Currently, is this course taught off campus?** YES ☐ NO ☒

    Proposed to be taught off campus? YES ☐ NO ☒

4. **Are significant changes in content/teaching objectives of the course being proposed?** YES ☐ NO ☒

    If YES, explain and offer brief rationale:

    _____

5. **Course Relationship to Program(s).**

a. **Are there other depts and/or pgms that could be affected by the proposed change?** YES ☐ NO ☒

    If YES, identify the depts. and/or pgms: _____

b. **Will modifying this course result in a new requirement[7] for ANY program?** YES ☐ NO ☒

    If YES[7], list the program(s) here: _____

6. **Information to be Placed on Syllabus.**

a. ☐ Check box if <u>changed to</u> 400G or 500. If <u>changed to</u> 400G- or 500-level course you must send in a syllabus and *you must include the differentiation* between undergraduate and graduate students by: (i) requiring additional assignments by the graduate students; and/or (ii) establishing different grading criteria in the course for graduate students. (See *SR 3.1.4*.)

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[6] You must *also* submit the Distance Learning Form in order for the course to be considered for DL delivery.

[7] In order to change a program, a program change form must also be submitted.

Distance Learning Form

This form must accompany every submission of a new/change course form that requests distance learning delivery. This form may be required when changing a course already approved for DL delivery. All fields are required!

Introduction/Definition: For the purposes of the Commission on Colleges Southern Association of Colleges and Schools accreditation review, *distance learning* is defined as a formal educational process in which the majority of the instruction (interaction between students and instructors and among students) in a course occurs when students and instructors are not in the same place. Instruction may be synchronous or asynchronous. A distance learning (DL) course may employ correspondence study, or audio, video, or computer technologies.

A number of specific requirements are listed for DL courses. The *department* proposing the change in delivery method is responsible for ensuring that the requirements below are satisfied at the individual course level. It is the responsibility of the instructor to have read and understood the university-level assurances regarding an equivalent experience for students utilizing DL. (available at http://www.uky.edu/USC/New/forms.htm).
Error! Hyperlink reference not valid.

Course Number and Prefix: PSY 215	Date: October 25, 2010
Instructor Name: Andrea Friedrich and Nathan DeWall	Instructor Email: Deafriedrich@aol.com and nathan.dewall@uky.edu

Check the method below that best reflects how the majority of course of the course content will be delivered.
Internet/Web-based ☒   Interactive Video ☐   Hybrid ☐

	Curriculum and Instruction
1.	How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?
	This course will be taught online, with pre-recorded lectures, online exercises, writing assignments to be submitted by email and online exams. The instructor will offer regular office hours for online chat, or telephone contact if needed, as well as open email access. The syllabus will conform with the University Senate Guidelines
2.	How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.
	The course plan is very similar to the in class experience, which consists mainly fo lecture presentations, writing assignments, exercises and exams. Students taking the internet based course will use the textbook to supplement lecture material in essentially the same way as the classroom-based students do.
3.	How is the integrity of student work ensured? Please speak to aspects such as password protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.
	The course will be offered through Blackborad or other similar online classroom management software, ensuring that each student has individual protected access to the course materials. Online assignments will be open book and exams will be individually unique, time limited and one-time access.
4.	Will offering this course via DL result in at least 25% or at least 50%* (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?
	No.
	If yes, which percentage, and which program(s)?

Abbreviations: TASC = Teaching and Academic Support Center   DL = distance learning   DLP = Distance Learning Programs

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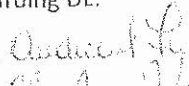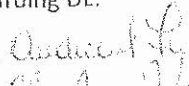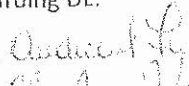
	*As a general rule, if approval of a course for DL delivery results in 50% or more of a program being delivered through DL, the effective date of the course's DL delivery will be six months from the date of approval.
5.	How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?
	As registered students at UK, they will have access to the full range of student services as outlined on the UK Student Affairs website (http://www.uky.edu/StudentAffairs/_). Students will also be provided an electronic copy of the attached "UK Student Academic Services" document.

Library and Learning Resources

6.	How do course requirements ensure that students make appropriate use of learning resources?
	Successful completion of course requirements will require that students make appropriate use of the textbook and required internet sites. Students will also be required to read peer-reviewed journal articles, which can be searched and accessed through Psycinfo (FBSCOhost), available at the UK library webpage. (http://www.uky.edu/Libraries/)
7.	Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.
	This course will not require physical access to any particular facility or equipment.

Student Services

8.	How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Teaching and Academic Support Center (http://www.uky.edu/TASC/index.php) and the Information Technology Customer Service Center (http://www.uky.edu/UKIT/)?
	The syllabus lists technical support services available and students will be provided with a list of available University resources.
9.	Will the course be delivered via services available through the Teaching and Academic Support Center?
	Yes ☒
	No ☐
	If no, explain how students enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

Abbreviations: TASC = Teaching and Academic Support Center   DL = distance learning   DLP = Distance Learning Programs

Distance Learning Form

This form must accompany *every* submission of a new/change course form that requests distance learning delivery. This form may be required when changing a course already approved for DL delivery. All fields are required!

10.	Does the syllabus contain all the required components, below? ☒ Yes

- ☐ Instructor's *virtual* office hours, if any.
- ☐ The technological requirements for the course.
- ☐ Contact information for TASC (http://www.uky.edu/TASC/; 859-257-8272) and Information Technology Customer Service Center (http://www.uky.edu/UKIT/; 859-257-1300).
- ☐ Procedure for resolving technical complaints.
- ☐ Preferred method for reaching instructor, e.g. email, phone, text message.
- ☐ Maximum timeframe for responding to student communications.
- ☐ Language pertaining academic accommodations:
  - o "If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center. The Center will require current disability documentation. When accommodations are approved, the Center will provide me with a Letter of Accommodation which details the recommended accommodations. Contact the Disability Resource Center, Jake Karnes, Director at 859-257-2754 or jkarnes@email.uky.edu."
- ☐ Information on Distance Learning Library Services (http://www.uky.edu/Libraries/DLLS)
  - o Carla Cantagallo, DL Librarian
  - o Local phone number: 859 257-0500, ext. 2171; long-distance phone number: (800) 828-0439 (option #6)
  - o Email: dllservice@email.uky.edu
  - o DL Interlibrary Loan Service: http://www.uky.edu/Libraries/libpage.php?lweb_id=253&llib_id=16

11.	I, the instructor of record, have read and understood all of the university-level statements regarding DL.
	Instructor Name: Andrea Friedrich Instructor Signature:
	Nathan DeWall Instructor Signature:

Abbreviations: TASC = Teaching and Academic Support Center   DL = distance learning   DLP = Distance Learning Programs

PSY 215 – Experimental Psychology
Section XX (Online)

University of Kentucky , Summer 2011

Instructor: Andrea M. Friedrich
Office: 211 Kastle Hall
Virtual Office Hours:
　　　TBD
Phone: (859) 257-6431
Mailbox: 211 Kastle Hall
Email: amfrie0@uky.edu or Deafriedrich@aol.com

Preferred method on contact: email

Teaching Assistant: TBD
Office: 0007 Kastle Hall
Office hours:
　　　TBD
Email: TBD

Course Objectives

This course was designed to help you understand and employ processes of intellectual inquiry, demonstrate competent communication skills and understand and employ quantitative methods. It will also provide you with information about how psychological research is conducted. Students will learn about conceptual and methodological issues in psychological research.

Learning Outcomes

It is expected that, during the course, students will:
- demonstrate a knowledge of basic research methods in psychology
- be introduced to how studies are designed to test empirical hypotheses
- evaluate the advantages and limitations of the most commonly used research designs
- collect, organize and interpret simple empirical data
- critically evaluate research-based information
- locate, summarize and cite appropriate scientific literature in psychology
- write reports in APA style

General Education

This course combines with PSY 216 to satisfy the General Education requirement of a course in statistical inferential reasoning. You must complete both PSY 215 and PSY 216 to satisfy this requirement.

Required Textbooks

Goodwin, C. J. (2009). *Research in Psychology: Methods and Design (6th edition)*. John Wiley & Sons.

Course Description

The course will be conducted in an online format and will have both a lecture and a laboratory component. For the lecture component, each week, students will watch me and Dr. DeWall give online lectures. These lectures will be designed to synthesize the material you will read in your textbook and will also extent it to material outside of the textbook. Attending online lectures is highly recommended and due to the nature of the material it is very unlikely that students will do well without attending these lectures.

Labs will provide additional lecture material and will primarily give students practice in writing APA-style research papers. Students will be expected to complete a series of assignments and to submit a fully written research paper and a research proposal at the end of the course.

Lecture Component

The lecture component of the course is presented in 2 sections. Students are required to take an online multiple-choice exam at the end of each section.

Section #1: In this first section, we will explore some basic ideas in research. We will start by looking at different ways of acquiring knowledge, focusing on the scientific method and its assumptions. We will also examine the goals of

research in psychology, and, most importantly, you will learn to differentiate psychological science from pseudosciences that also attempt to explain and predict behavior (e.g. phrenology, graphology, numerology, etc.). Next, you will learn about the importance of weighing and balancing ethical issues when conducting human and animal research. Ethical responsibilities when writing up research will also be explored. At this point, we will start looking at sources of empirical questions as well as how to polish these questions so they can be answered through the scientific method. In this section, you will still learn how to "measure behavior" and how to assess the reliability and validity of measuring tools. Some basic concepts of statistics will be addressed so you can gain some knowledge of hypothesis testing and the types of errors someone may incur in during the decision process. Even though you will not be required to do the calculations normally executed in statistical procedures, you will be expected to be able to understand results presented in scientific publications.

Section #2: After covering the basic concepts of research, we will start exploring the experimental method, which is normally used when we want to investigate cause-and-effect relationships between variables. You will learn how we can manipulate single and multiple variables in a study to test hypotheses. We will focus on how to avoid commonly observed extraneous variables so they do not become "confounds" (e.g. random assignment, complete counterbalancing, Latin squares, etc.). At the end of this section, students are expected to be able to draw conclusions from collected data and evaluate limitations of studies.

Due to the nature of some empirical questions, it is not always possible to manipulate the variables of interest or control for extraneous variables. Therefore, in this section, we will explore alternative ways of collecting data to the experiment. We will discuss the advantages and limitations of correlational research, observational studies, archival and survey research, interrupted time series designs among other non-experimental designs.

Laboratory Component

Through a series of small assignments, you will be encouraged to exercise your data reading, analytical and writing skills. You will also have the opportunity to gain further understanding of the methodological matters covered during lectures. In addition to these topic specific assignments, you will also be required to complete two major lab assignments. In the first assignment you will be expected to write a APA-style paper based on data collected in class. Students will serve as the participants in this first project. To successfully complete this requirement, you will also have to identify the pertinent literature and critically evaluate it. The second assignment will involve writing a research proposal, which will only be due at the end of the course. In this project, students will be required to design a study, taking into consideration all methodological and ethical issues discussed in the course, and present a written proposal in APA style.

Evaluation of Student Performance

Exam #1	Chapters 1, 2, 3, 4, 5 & 6	100 points
Exam #2	Chapters 7, 8, 9, 10, 11 & 12	100 points
Exercises		100 points
Lab		200 points
TOTAL		**500 points**

Letter grades for the course will be based on the number of points earned as follows:

A = 450 - 500
B = 400 - 449
C = 350 - 399
D = 300 - 349
E= < 300

- ✓ <u>Make up exams and assignments</u> will only be offered to students who had an excused absence on the day of the exam. You will need to provide proper documentation (e.g. written documentation from a physician stating that you were unable to take an exam, written documentation of your participation in a University sponsored trip) of your absence for it to be excused. Please scan the documentation and email it to your instructor so a make-up exam can be scheduled. As defined by the University of Kentucky Bulletin, excused absences include: 1) illness of student or of a member of immediate family; 2) death of a member of immediate family; 3) trips sponsored by the University; 4) major religious holidays (please notify in writing as soon as classes start).

Academic Dishonesty

Cheating will not be tolerated. According to the Student Handbook, the minimum penalty for cheating is a grade "E" on the assignment. Cheating includes, but it is not limited to, plagiarism (i.e., presenting someone else's ideas and/ or work as if it was yours)

Special Needs

Students with special needs should make these needs known to the instructor in the beginning of the course so appropriate accommodations can be made. If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center. The center will require current disability documentation. When accommodations are approved, the center will provide me with a Letter of Accommodation which details the recommended accommodations. Contact the Disability Resource Center Director, Jake Karnes, at 859-257-2754 or jkarnes@email.uky.edu

Other Policies

- ✓ <u>Maximum timeframe for responding to student communications</u>: Students should expect a response from the instructor within 24 hours of submitting communication on weekdays (i.e., Monday-Friday) and within 36 hours of submitting communication on the weekend (i.e., Saturday-Sunday).

- ✓ <u>E-mail</u>: please provide your instructor with an e-mail address. Students may receive important information, handouts, outlines, study guides via-email. Check your e-mail on a daily basis while classes are in session

- ✓ <u>Note</u>: Course content, calendar and grading policies may be changed at the discretion of the instructor to accommodate class needs and/or special circumstances. Any changes will be announced by email and each student is responsible for recording these changes when they occur.

Minimum Technology Requirements:

- ✓ In order to participate in this course, you will need access to a computer with the minimum hardware, software and internet configuration described at this site: : http://wiki.uky.edu/blackboard/Wiki%20Pages/Bb9%20Hardware%20and%20Software%20Requirements.aspx
Note: the use of Internet Explorer is NOT recommended for use with Blackboard. Firefox is the recommended Internet browser for the course. You can download Mozilla Firefox (free) at this site: http://www.mozilla.com/en-US/firefox/upgrade.html
- ✓ You will need to install a number of plugins on your computer. The links to the specific plugins required for this course can be also be found your course. If using a UK computer these plugins should be already installed.

- ✓ To check if your browser has Flash, Adobe Acrobat Reader and QuickTime movie player, click this link: http://wiki.uky.edu/blackboard/Wiki%20Pages/Browser%20Check.aspx . If you do not have these, you can download them from this site.
- ✓ To download Windows Media Player, click this link: http://www.microsoft.com/windows/windowsmedia/player/10/default.aspx
- ✓ Students and faculty can download Microsoft Office Suite (including Word and PowerPoint) from this site: https://download.uky.edu/.
- ✓ If you experience technical difficulties with accessing course materials, the Customer Service Center may be able to assist you. You may reach them at 859-218-HELP (4357) or by e-mail at helpdesk@uky.edu. Please also inform the course instructor when you are having technical difficulties.
- ✓ The **Teaching and Academic Support Center** (TASC) website (http://www.uky.edu/TASC/) offers additional information and resources that can promote a successful "online course" learning experience. They may also be reached at 859-257-8272.

Distance Learning Library Services

As a Distance Learning student you have access to the Distance Learning Library services at http://www.uky.edu/Libraries/DLLS. This service can provide you access to UK's circulating collections and can deliver to you manuscripts or books from UKs library or other libraries. The DL Librarian may be reached at 859-257-0500, ext 2171, or 800-828-0439 (option #6) or by mail at dllservice@email.uky.edu. For an interlibrary loan visit: http://www.uky.edu/Libraries/linpage.php?lweb_id=253&llib_id=16

Course Calendar

Date	Topic	Readings	
Week 1	Introduction		You can access online lectures through the Blackboard Course Wiki (http://xxxxxxxxxxxxx).
	Scientific Thinking	Chapter 1	
	Ethics	Chapter 2	
	Developing research ideas	Chapter 3	
Week 2	Measurement and data analysis	Chapter 4	You can access online lectures through the Blackboard Course Wiki (http://xxxxxxxxxxxxx).
	Experimental research	Chapter 5	
	Control problems	Chapter 6	
Available Thursday, June XX 8:00 am until Friday, June XX 11:59 pm. Once you begin the exam, you will have 1 hour to finish it.	**EXAM #1**		**You can access the exam by logging into the Blackboard course at http://xxxxxxxxxx where you will find a link to the exam.**
Week 3	Single-factor designs	Chapter 7	You can access online lectures through the Blackboard Course Wiki (http://xxxxxxxxxxxxx).
	Factorial designs	Chapter 8	
	Correlational research	Chapter 9	
Week 4	Quasi-experimental designs	Chapter 10	You can access online lectures through the Blackboard Course Wiki (http://xxxxxxxxxxxxx).
	Observational & survey research	Chapter 12	
	Small N designs	Chapter 11	
Available Monday, June XX 8:00 am until Tuesday, June XX 11:59 pm. Once you begin the exam, you will have 1 hour to finish it.	**EXAM # 2**		**You can access the exam by logging into the Blackboard course at http://xxxxxxxxxx where you will find a link to the exam.**

Lab and Lecture Assignments

You can access the description of each of the assignments below by logging into the Blackboard course at http://xxxxxxxxxxxx

		DUE	POINTS	
Chapter Activities	Chapter 1		5	
	Chapter 2		5	
	Chapter 3		5	
	Chapter 4		5	
	Chapter 6		10	
	Chapter 7		10	
	Chapter 8		10	
	Chapter 9		10	
	Chapter 10		10	
	Chapter 11		15	
	Chapter 12		15	
LAB ACTIVITIES	Data Collection		5	
	References		5	
	APA quiz		20	
	Proposal Worksheet		10	
DRAFTS	Introduction and references		15 / 5	You should submit these assignments through blackboard. The window for submission will be open until 11:59 pm on the date it is due.
	Method, Results and figures		10 / 5 / 5	
	Discussion		10	
	Title Page and Abstract		5 / 5	
PAPERS	Proposal		40	You should submit these assignments through blackboard. The window for submission will be open until 11:59 pm on the date it is due.
	Final research paper		50	
	Group contribution		10	