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| **Course Name: Cognitive Psychology** |
| **Course Code: PSYC 315** | **Course Credits:** 4 |
| **Class Timings:** MWF : 9 AM to 9:50 AM**Lab Timings:** M : 10 to 10:50 AM | **Section:** A | **Student Meeting Hours/ Office Hours:** MWF: 1 PM to 2 PM |
| **Instructor Name: Nazia Asif Takkhar** |
| **Instructor Contact Details**Email: naziatakkhar@fccollege.edu.pk**Office Hours:** Online**Guidelines for contacting instructor:** If you wish to discuss any query regarding the course or have any other concern, you may feel free to visit me during my office hours, or write an email to me to get an appointment. |
| **Course Description**:This course covers topics such as information processing, attention, memory, concept formation, reasoning, problem solving, and decision-making in detail. In the lab, you will replicate classic cognitive psychology experiments, conduct an empirical research project, and present your findings.This course will consist of majorly synchronous teaching. |
| **Main Mode of Instruction:** In person classes**Technology Requirements** The students need to be in the habit of checking their emails and Moodle accounts on an everyday basis, while also being well-familiar with MS Teams.**Technology Etiquettes:** * In order to ensure effective learning and healthy classroom participation, it is absolutely essential for all the students to keep their videos on at all times.
* At instances when they have to ask a question or answer one, or have an experience to share, they should virtually raise their hands to get the instructor’s attention.
* The students are also expected to keep themselves on mute, during all times, except for when they are expected to answer in class.

**Considerations for Students with Limited Internet/Technology Access:** The recordings of all the live classes that will take place will be uploaded on Moodle, regularly, right after the class ends. |
| **Course Objectives** By the end of the course, you should be able to:1. Describe the historical context in which cognitive psychology emerged as a field.
2. Describe the major concepts, findings, and theories within cognitive psychology.
3. Acquire relevant techniques and experiences in conducting research in cognitive psychology.
4. Illustrate application of cognitive concepts and theories in real world settings.
5. Read and critique cognitive psychology literature from various sources, including media reports and scholarly journals.
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**Course Content, Learning Material & Activities Schedule**

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| --- | --- | --- | --- |
| **Week** | **Topic** | **Reading** | **Due** |
|  | * Briefing of the course outline
* Introduction to Cognitive Psychology
* **The Science of Cognition**
 | Chapter 1 |  |
|  | * Lab 1: Change Blindness
* **Perception**
* Lab 2: Blind Spot
 | Chapter 2 |  |
|  | * **Attention and Performance**
* Lab 3: Hemispheric Lateralization and Visual Search
 | Chapter 3 | Quiz 1 |
|  | * **Mental Imagery**
* Lab 4: Stroop Effect
* Lab 5: Mental Rotation
 | Chapters 4 |  |
|  | * **Representation of Knowledge**
* Lab 6: Memory for Lists
 | Chapter 5 |  |
|  | * **Human Memory: Encoding and Storage**
* Lab 7: Short Term Memory
 | Chapter 6 | Quiz 2 |
|  | * **Human Memory: Retention and Retrieval**
* Lab 8: Lexical Decision Task
 | Chapter 7 |  |
|  | * **Problem Solving**
* Lab 9: Implicit Memory
 | Chapter 8 |  |
|  | * **Expertise**
* Lab 9: Isomorphic Problems
 | Chapter 9 | Quiz 3 |
|  | * **Reasoning**
* Lab 10: Creativity TTCT
 | Chapter 10 |  |
|  | * **Decision Making**
* Lab 11: Wason Selction Task
 | Chapter 11 |  |
|  | * **Language Structure**
* Lab 12: Framing Effects
 | Chapter 12 |  |
|  | * **Language Comprehension**
* Group Projects
 | Chapter 13 |  |
|  | * Group Projects
 |  | Viva |

**Textbooks, Materials, Supplies, and other Resources**

Anderson, J.R. (2015). *Cognitive* *Psychology and Its Implications*. (8th ed.). New York, NY: Worth Publishers.

**Other Reference Material**: Handouts, Articles and other related material provided by the instructor.

**Course Requirements:**

*This course will consist of the following grading components:*

**Class Participation**

Productive, respectful and fruitful discussion, answering of questions, raising questions and sharing real life examples are all the key towards an effective learning experience.

**Weekly Recap Sheets**

The students will be required to submit weekly recap sheets based on the lectures and the topics covered week by week. These sheets will demonstrate their understanding of the content covered, the ability to retain and recall the information and also will serve the purpose of helping them remember the concepts more effectively.

**Quizzes**

There will be 3 quizzes in the semester, each of 20 marks. If you are unable to do so and miss the quiz you will not be allowed to take the quiz later. **NO MAKE-UP quizzes will be held,** until and unless there is an unavoidable emergency, for which the student will have to provide the evidence. I hope, none of us have such an emergency to deal with, this semester and the ones to follow.

**Journal**

**T**he student will be expected to maintain a journal of the course that they will be required to submit at the end of the semester.

**Team Project**

A team project will be assigned to the class regarding one of the concepts covered, with emphasis upon the practical application. The weightage of the project will be 20% of the final grade

**Viva**

A viva will be conducted at the end of the semester, based upon the team project. The focus of the viva will be to assess the individual contribution and learning of the student.

**Assigned Readings**

The students will be expected to responsibly go through the assigned readings throughout the semester so that they can effectively participate in class and do well in the assessments.

The course breakup is as follows:

|  |  |  |
| --- | --- | --- |
| **Evaluation Criteria** | **Points** | **%** |
| Class/Lab Participation & Attendance | 20 | 10 % |
| Recap Sheets | 20 | 10% |
| Lab Reports | 20 | 10% |
| Quizzes  | 60 | 30% |
| Group Poster Presentation | 40 | 20% |
| Final Paper  | 40 | 20% |
| TOTAL | 200 | 100% |

**Attendance Policy:**

Attendance is mandatory according to the policy of FCC. Students are advised to attend classes regularly in order to boost their class participation and enhance their learning. It is essential that each student is punctual and enters the online classroom on time, so as to not to disrupt the flow of the class and their own understanding. It is in your best interest to regularly attend the classes because lecture material frequently goes beyond the textbook; missing a class will likely affect your understanding of the material and will affect your course grade. In case of an emergency, it is the responsibility of the student to inform the instructor either before the class (if possible) or after, by sending a formal application, clearly stating the reason, to **naziatakkhar@fccollege.edu.pk.**

**Classroom Participation:**

Class participation is absolutely essential and recommended and for this to take place, it is important to consistently read the assigned material and ask questions. It is understandable that some students may be more comfortable while participating as compared to others. However, one of the primary aims of my class is to ensure a comfortable environment in which every student feels at ease to discuss, ask and contribute. The 20 points (10 %) will be based on the following criteria:

* Active quality classroom participation and discussion
* Effort to sincerely communicate in English
* Pertinent and constructive comments/ questions.

**Grade Determination**

*It is absolutely essential to keep in mind that the instructor does not “give” any grade to the student, rather the student achieves the grade as a result of their performance throughout the semester.*

**Cheating** is when a student offers, takes, or possesses information that may aid performance on a quiz or an exam, which is not approved by the instructor. Cheating may result in disciplinary probation and will definitely receive a grade “F” zero for the assignment.

**Plagiarism**refers to the use of words or ideas without acknowledgement of the author or the source. This includes information from websites, articles, books, another student's paper, etc. If you copy someone else’s words, or even paraphrase someone’s ideas without giving them credit, you are plagiarizing.  APA style must be adapted for writing assignments and this will be discussed in detail at the time of distributing assignments.

**\**Plagiarism/cheating of any sort will be referred to AIC (Academic Integrity Committee) at FCC for necessary action.***

Please look into the Plagiarism policy of FCC by clicking on this link: https://www.fccollege.edu.pk/wp-content/uploads/2018/05/FCCU-Plagiarism-Policy.pdf

**Grading Legend**

Below is the grading legend of FCCU (published in all catalogues and available on the FCCU website) as approved by the Academic Council

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| --- | --- | --- | --- |
| **Grade** | **Point Value** | **Numerical Value** | **Meaning** |
| A | 4.00 | 93-100 | Superior |
| A- | 3.70 | 90-92 |
| B+ | 3.30 | 87-89 | Good |
| B | 3.00 | 83-86 |
| B- | 2.70 | 80-82 |
| C+ | 2.30 | 77-79 | Satisfactory |
| C | 2.00 | 73-76 |
| C- | 1.70 | 70-72 |
| D+ | 1.30 | 67-69 | Passing |
| D | 1.00 | 60-66 |
| F | 0.00 | 59 or below | Failing |

**Student Conduct & Other Issues:**

As the classes will be conducted online and each one of us will not be meeting personally, it is at times the tendency to take the class casually. We need to strictly keep in mind that regardless of whether the class is online or in-person, we are meeting for an academic purpose and interacting with a) an instructor and b) peers that deserve equal degree of respect and regard. I would advise each one of you to sit at a place which is preferably quiet, dress up in a “classroom appropriate” manner and follow the same conduct which you would have, in case we were meeting on campus. For all the online classes, **I expect the students to keep their videos on**, until and unless there is a problem with the internet connection. Furthermore, please express your views without judgment of others’ opinions. **Respect Confidentiality -**  Being actively involved in the class sessions and small groups entails some level of personal self-disclosure. Because of the nature of vulnerability, trust, and openness needed to learn about counseling it is extremely important that confidentiality be maintained. Revealing personal information about others outside classroom is a breach of confidentiality.

**Changes to the Syllabus:**

This syllabus was designed to convey course information and requirements as accurately as possible. It is important to note however that it **may** be subject to change during the course depending on the needs of the class and other situational factors. Such changes would be for your benefit and you will be notified of them as soon as possible.

*Please Note:*

*The instructor reserves the right to modify the procedures/ policies and course outline mentioned in this syllabus as dictated by unforeseen circumstances. It is your responsibility to cover the correct material. Instructor will announce changes well in time at class meetings.*