**National University**



* **f C o m p u t e r & E m e r g i n g S c i e n c e s**

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| **Department** | **Department of Sciences and Humanities** | **Dept. Code** | **CS** |
| **Course Title** | **Psychology** | **Course Code** | **SS 2003** |
| **Grading policy** | **Relative grading** | **Credit Hrs.** | **3** |
| **Course Instructor** | Raheela Tariq Asst.Professor | **Moderator** | Ms. Raheela Tariq |

**Office meeting hours CS 3A&3B : Wednesday 2.00 to 4.00pm**

**Office meeting hours BAF: 3A Monday 3.00 to 4.00pm**

*Level: I = Introduction, R = Reinforcement, E = Evaluation.*

*Tool: A = Assignment, Q = Quiz, M = Midterm, F = Final, SP = Project, A = Assignment.*

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| **Course Objectives** | *This course will provide students with basic theoretical knowledge with an emphasis on how psychological theory relates to the “real world”, including understanding of different cognitive processes, role of motivation in life and jobs, improving mental health and inter-personal relations. On completion of this course, students will be able to handle the intricacies and complexities of human behavior more skillfully in everyday life as well as in job organization.* |

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| **No.** | **Course Learning Outcome (CLO) Statements** | **Assessment Tools** |
| 1. | Understanding and applying main perspectives of psychology in daily lives. | Q1, M1,  M2,SP,F |
| 2. | Role of Bio- psycho-social factors in our behavior. | Q3,M2, F |
| 3. | Thought processes and its impacts | Q2,M2,F |
| 4. | Mental health, psychopathology and coping strategies. | Q3,M2, F |
| 5. | Testing different domains of behavior. | SP,A2 |

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| **Text Book(s)** | **Title** | *Psychology themes and variations.* | |
| **Author** | Wayne Weiten | |
| **Ref. Book(s)** | **Title** | Understanding psychology | Psychology. |
| **Author** | Robert S Feldman | David G. Myers |

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| **Classroom Courtesies** | All quizzes and exams according to dates announced by university. Deadlines must be observed for all semester work. |
| **Grading policy** | **Relative grading** .All work submitted must be the student’s own work- No plagiarism will be accepted. Research format follows standard documentation APA guidelines |

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| **Week** | Course Contents/Topics | **Chapter\*** | **CLO\*** |
| 1-2 | *Introduction to Course* *Brief history of how psychology evolved. The six perspectives of psychology. Application & Research methodology.* | **1** | **1** |
| 3 | *The biology and underlying behavior* *Neurons, the elements of behavior. Role of neurotransmitters. Structure and functions of central and peripheral nervous system. The endocrine system.* | **2** | **1,2,4** |
| 4 | *Types of learning. Conditioning: Classical and operant. Factors influencing learning.* | **3** | **1** |
| 5 | *Memory and Forgetting, Encoding, storage and retrieval of memory. Types and methods of memories. How to improve memory. Forgetting: when memory fails, impairments.* | **4** | **3,4** |
|  | MID-TERM 1 |  |  |
| 6-7 | *Cognitive processes. Tools of thought, Types of Thinking. Reasoning. Problem solving. Creative thinking. Intelligence: IQ&EQ.* | **5** | **3,5** |
| 7-8 | *Personality. Nature & Nurture, Theories of personality. Psychodynamic and Big five Model. Assessing personality.* | **6** | **1,2,5** |
| 9-10 | *Stress, coping and health: Different types of Conflict & frustration. Stress & Health Types, causes, symptoms, strategies. Anger and Management.* | **7** | **2,4,5** |
| 10-11 | *Psychopathology: Different psychological Disorders: Neurosis, types, causes, symptoms. Psychosis. Types, Causes, symptoms, treatment. Psychotherapy.* | 8 | 2,4 |
| 12-13 | *Motivation. Types of motivation. Unlearned and Acquired. Theories of motivation, Maslow, McClelland, Stacy Adams and Victor vroom.* | 9 | 1 |
| 13-14 | *Social Psychology. Social Perception. Attitude and Prejudice.*  *Group Dynamics. Leadership.* | 10 | 1 |

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| **Assessment Tool** | Weightage |
| **Final** | 50% |
| **Midterm (I+II)** | 28% |
| **Quiz.1,2,3** | 09% |
| **Assignment.** | 04% |
| **Survey project &Presentation** | 07+02% |