|  |  |  |  |
| --- | --- | --- | --- |
| **526-------Department** | FAST School of Computing | **Dept. Code** | CS |
| **Course Title** | PSYCHOLOGY | **Course Code** | SS2003 |
| **Pre-requisite(s)** |  | **Credit Hrs.** | 3 |
|  | | | |
| **Course Objective** | This introductory level course in psychology will enable students to get familiarized with a wide assemblage of sub-categories related to the study of human behavior. The aim of the course is to introduce psychology as more than just a study of normality; the field encompasses a much broader range of concerns. For instance, psychologists also lend their expertise in a multitude of settings, including education policies, human resource departments, health intervention programs, marketing departments, athlete counseling, and school counseling. This course will provide students with basic theoretical knowledge with an emphasis on how psychological theory relates to the “real world”, including organizational behavior, marketing techniques 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. | | |

*A = Assignment, Q = Quiz, M = Midterm, F=Final, , P=Project*

|  |  |  |
| --- | --- | --- |
| **No.** | **Course Learning Outcome (CLO) Statements** | **Tools** |
| 01 | Understanding and applying six main perspectives of psychology in daily lives. | Q1,A1,M1,F |
| 02 | Role of Bio- psycho-social factors in our behavior. | Q2,M1,M2,F |
| 03 | Thought processes and its impacts | A2,M2,F |
| 04 | Mental health, psychopathology and coping strategies. Testing | Q3,A3, F |
|  | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Course Contents/Topics** | **Chapters** | **CLOs** |
| 01-02 | **INTRODUCTION TO COURSE**   * Brief history of psychology * Schools of thoughts. The six themes or perspectives of psychology. Application. * Research methodology. | 1 | 1 |
| 03 | **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 |
| 04 | **LEARNING**   * Types of learning and research studies. * Conditioning: Classical and operant. * Factors influencing learning. | 3 | 3 |
| 05 | **MEMORY AND FORGETTING**   * Encoding, storage and retrieval of memory. * Types and methods of memories. * How to improve memory. * Forgetting: when memory fails, impairments | 4 | 1 |
| 06-07 | **COGNITION**   * Tools of thought, * Types of Thinking. * Reasoning. * Problem solving. * Creative thinking. * Intelligence: IQ&EQ. | 5 | 3 |
| 07-08 | **PERSONALITY**   * Nature & Nurture. * Theories of personality. * Psychodynamic and Big five Model. * Assessing personality: determining what makes us special. | 6 | 2 |
| 09-10 | **MOTIVATION**   * Types of motivation. * Unlearned and Acquired. * Theories of motivation, Maslow, McClelland, Stacy Adams, Victor vroom | 7 | 1 |
| 10-11 | **MENTAL HEALTH**. **PSYCHOLOGICAL DISORDERS**   * Factors leading to abnormality. * Different types of Conflict & frustration. * Stress & Health Types,causes,symptoms,strategies. * Anger and Management Types of hypothesis testing. * Disoders.Neurosis:types,causes,Symptoms,treatment. * Psychosis:causes,symptoms,treatment.Personality disorders. * Psychotherapy. | 8 | 4 |
| 12-13 | **INDUSTRIAL PSYCHOLOGY**   * Selection vs. Placement. * Working conditions Physical and psychological factors. * Morale and productivity. * Advertising | 9 | 1 |
| 13-14 | **SOCIAL PSYCHOLOGY**   * Social Perception. * Attitude and Prejudice. * Group Dynamics. * Leadership. | 10 | 4 |
| 15 | **Presentations** |  | 4 |
| 16 | **Presentations** |  | 4 |

|  |  |
| --- | --- |
| **Assessment Tools** | **Weightage** |
| **Quizzes (3)** | 9% |
| **Individual Assignment (2)** | 2% |
| **Group Assignment/Term Paper and Presentations (1)** | 9% |
| **Midterm I** | 15% |
| **Midterm II** | 15% |
| **Final Exam** | 50% |

|  |  |  |
| --- | --- | --- |
| Title | **Psychology themes and variations.8th editio**n \* | |
| Author | Wayne Weiten | |
| Title | **Understanding psychology**.  10th edition,2011 McGraw Hills company,Inc. | **Social psychology**  10th edition. Westview press |
| Author | Robert S Feldman | David G. Myers |

**Grading Policy:**

Relative grading Scheme will be followed for grading