

Ist Year

SEMESTER I		
Course Code	Courses	Credit Hrs
ENG-1106	English-I (Compulsory)	3
ISL-1110	Islamic Studies/ Ethics (Compulsory)	2
MAT-1111	General Mathematics (Foundation)	3
PSC-1124	Political Science (Foundation)	3
	Discipline 1- Course 1	3
	Discipline 2- Course 1	3
	Total Credit Hours	17

COURSE TITLE: FUNCTIONAL ENGLISH (Comp.)

Course Code: ENG-1106

Credits Hrs:03

Learning Outcomes:

After completing this course, pre-service teachers/teachers will:

- have improved their listening and reading skills in English following significant exposure to texts in the target language
- be able to communicate in written and oral English with class-fellows, peers and teachers
- rely less on first/native language and reduce their use of code-switching in formal and informal situations
- have a deeper understanding of correct English structures in descriptive, narrative and instructional texts.

UNIT 1 – INTRODUCTIONS

1.1 Making introductions

- Make effective self and peer introductions
- Take useful introductory notes

1.2 Requests and Enquiries

- Make appropriate requests and enquiries
- Respond to enquiries
- Listen for specific information in English.

1.3 Practical Classroom English

- Use different classroom language routines (functions) for effective classroom Management
- Develop effective classroom language by following the given examples/ Situations
- Demonstrate and practice practical classroom language routines.

UNIT 2 – SOCIAL INTERACTION

2.1 Greetings

- Greeting friends and family on different occasions/reasons
- Responding to a happy event
- Using formal greeting expressions appropriately

2.2 Saying Thank you

- Using formal/ informal expressions of gratitude appropriately
- Reading a story which uses expressions of gratitude
- Writing a formal letter to say thank you to a teacher/parent/friend

2.3 Inviting People

- Demonstrating the use of formal and informal expressions of invitation
- Developing verbal and written skills for invitations
- Responding to invitation requests (accepting and declining)

2.4 Regrets

- Expressing regrets orally and in writing in an appropriate manner
- Saying sorry and accepting apologies

UNIT 3 – GIVING AND FOLLOWING DIRECTIONS

3.1 Following and Giving Directions

- Following directions from a map
- Giving directions for a location in oral and written forms
- Reaching a destination

3.2 Giving Clear Instructions

- Carrying out instructions
- Structuring instructions
- Writing clear instructions

3.3 Designing Instruction Manuals

- Exploring instruction manuals of different products
- Comparing instruction manuals for developing critical understanding of the essentials of a manual
- Designing an instruction manual for a new student enrolling in college. This could be group project.

UNIT 4 - SHARING EXPERIENCES

4.1 Sharing Narratives

- Reading short stories
- Reading excerpts; comic strips, interviews, etc.

Sharing unique experiences

- Summarizing/Narrating true stories
- Solving word puzzles to develop language awareness
- Reading a short stories followed by exercises/worksheet
- Converting an event into a short story
- Using pictures as stimuli for narrative creation
- Using songs as examples of personal experience

4.2 Imaginative Texts

- Identifying imaginative texts
- Developing imaginative texts by giving engrossing stories and descriptions of Scenes

UNIT 5 – FUNCTIONING IN ENGLISH

5.1 Writing styles

- Changing narration: converting a dialogue into a report
- Converting a story into a news report
- Converting a graph/picture into short report/story

5.3 Writing mechanics

- Punctuation and structure
- Sentences, Fragments and run-ons
- Subject-predicate and pronoun-reference agreement

Project presentations

SUGGESTED TEXTBOOKS AND REFERENCES

- Carver, T.K. & Fortinos-Riggs, S. (2006) Conversation Book II – English in Everyday Life. New York, Pearson Education Limited.
- Eastwood, J. (2005) Oxford Practice Grammar, Karachi: Oxford University Press. Swan, J. Practical English Usage (3rd editions) Oxford University Press
- Thomson and Martinet, A practical English Grammar (Intermediate) Oxford University Press Allama Iqbal Open University Compulsory English 1 (Code 1423)

The following websites provide a variety of useful resources:

- <http://www.bbc.co.uk/worldservice/learningenglish/>
- <http://learnenglish.britishcouncil.org/en/>
- <http://www.teachingenglish.org.uk/>
- Grammar software free download <http://freesoftwarepc.biz/educational-software/download-free-software-3d-grammar-english-portable/>

ISL-1110

Islamic Studies (C2)

Cr. 2

10 فیصد	قرآن مجید
10 فیصد	حدیث
10 فیصد	دین اسلام
15 فیصد	سیرة النبی ﷺ
15 فیصد	تہذیب انسانی کی تعمیر میں اسلام کا حصہ
15 فیصد	اسلام کی اخلاقی اقدار
10 فی صد	ہمارا مستقبل (ہمارے مسائل اور ان کا حل)
15 فیصد	معروضی سوالات
	تفصیل نصاب
	1- مطالعہ قرآن
	۱- قرآن مجید کے مطالعہ کی ضرورت و اہمیت
	فضائل قرآن مجید
	• سورۃ فرقان کا تعارف

آداب معاشرت (آیت 61 تا 77)

❖ سورة الحجرات کاتعارف

- نبی صلی اللہ علیہ وسلم کا مقام (آیت 1 تا 5)
- تحقیق احوال و ایمان یا اصلاح معاشرہ (آیت 6 تا 8)
- اخوت (آیت 9 تا 12)
- اعرابیوں کا دعویٰ ایمان کا جائزہ (آیت 13 تا 18)

مطالعہ حدیث

-2

حدیث کی اہمیت و ضرورت، مطالعہ حدیث کی اہمیت و ضرورت

- ارکان اسلام
- کثرت سوال کی ممانعت
- متشابہات سے پرہیز
- فضولیات سے پرہیز
- اخوت
- اچھی بات اور ہمسایہ اور مہمان کی عزت
- غصہ نہ کرنا
- نیکی کی اہمیت
- حیا کی اہمیت
- ایمان باللہ
- جنت کی شرائط
- زہد
- ضرر رسانی کی ممانعت
- قانون شہادت
- برائی روکنے کا حکم
- احسانات خداوندی
- زندگی بسر کرنے کا طریقہ
- مومن کی نشانی
- مسلمان کی شناخت
- مومن کی نشانی

دین اسلام

-3

(الف) عقائد

- توحید
- رسالت
- آخرت
- (ب) عبادات
- نماز
- زکوٰۃ
- روزہ
- حج
- جہاد

4- سیرة النبی صلی اللہ علیہ وسلم

- ولادت تابعثت
 - بعثت
 - تبلیغ
 - ہجرت
 - میثاق مدینہ اور مواخات
 - فتح مکہ
 - حجة الوداع
 - وصال نبوی صلی اللہ علیہ وسلم
- 5- اسلام کی اخلاقی اقدار

- فضائل اخلاق
 - اخلاق کی اہمیت
 - تقویٰ
 - صدق (سچائی)
 - ایفائے عہد
 - عدل وانصاف
 - احسان
 - صبر
 - کسب حلال
 - والدین کا احترام
- 6- تہذیب انسانی کی تعمیر میں اسلام کا حصہ

- درمیانی امت (امت وسط)
 - شرف انسانیت
 - وحدت انسانیت
 - اسلام کا تاریخی کردار
 - اشاعت علوم
 - مسلمانوں کی علمی خدمات
 - تاریخی کردار: مسلمانوں کی علمی خدمات کا عالمی سطح پر اعتراف
- 7- ہمارا مستقبل (ہمارے مسائل اور ان کا حل)

- اسلامی تشخص
 - سیاسی مسائل
 - اقتصادی مسائل
 - تعلیمی مسائل
- 8- معروضی سوالات (سلیبس میں سے)

مجوزہ کتب

اسلامیات لازمی (بی اے / بی ایس سی / بی کام) ، پروفیسر ڈاکٹر محمد خلیل ، پروفیسر ضیا ء الرحمن قریشی ، علمی کتاب خانہ اردو بازار لاہور۔

COURSE TITLE: GENERAL MATHEMATICS

Course code: MAT-1111

Credit Hrs: 03

Learning Outcomes:

Students will:

- Increase their mathematical content knowledge for Number and Operations, Algebra and Algebraic Thinking, Geometry and Geometric Measurement, and Information Handling for teaching in the primary, elementary, and middle grades
- Increase their confidence, competence, interest, and enthusiasm for mathematics by exploring and doing mathematics
- Deepen an understanding of how children learn mathematics
- Build a variety of instructional techniques with clear purposes
- Enhance their use of questioning techniques to elicit children's understanding
- Learn ways to engage students in mathematical thinking through interactive activities

Course Outline:

Unit 1: Numbers and Operations

Themes	Sub themes
Numbers and Operations	<ul style="list-style-type: none">● Counting● Models for Addition & Subtraction with natural numbers● Addition and Subtraction as inverse Operations● Word problems involving addition and Subtraction
Place Value	<ul style="list-style-type: none">● Working in the base-10 system

Numbers and Operations

- Models for Multiplication with natural numbers
- Multiplication and Division as inverse operations
- Models for Division with natural numbers
- Nature of the remainder in division
- Factors, Prime and Composite Numbers

Fractions and Decimals

- Models of fractions (sets, number line, area, volume)
- Types of fractions (proper, improper and mixed-number)
- Decimals as fractions linked to base-10 place value
- Concept of GCF and LCM
- Operations with fractions and decimals

Percent

- Percent as related to fractions and decimals

Ratios and Proportion

Rates

- Ratio and Proportion
- Rates

Integers

- Integers, Operations with integers
- Venn Diagrams

Unit 2: Algebra

Themes

Sub themes

Algebra as Generalized Arithmetic

Patterns Algebraic terminology, the concept of x as a variable, coordinate graphs, multiple representations, the concept of identity

- Repeating patterns and growing patterns
- Generalizing a pattern and finding a rule
- Creating coordinate graphs
- Continuous, discontinuous, and discrete graphs

Linear functions

- Equivalent expressions
- Interpreting tables, graphs and equations of linear functions

Order of Operations

- The concept of slope
- Order of Operations

Square expressions and equations

Symbol manipulation

- Interpreting tables, graphs and equations of quadratic functions
- Solving for x , the unknown

Unit 3: Geometry and Geometric Measurement

Themes	Sub themes
Polygons	☐ Characteristics of Polygons with an emphasis on Triangles and Quadrilaterals,
Undefined terms in geometry	☐ Point, line, line segment, ray
Identification and construction of Angles	☐ Models of angles ☐ Benchmark angles ☐ Classifying angles by measurement
Geometric Measurement: Area and Perimeter of polygons	☐ Perimeter and Area formulas

Geometric Measurement:

☐ Circumference and Area formulas

Circumference and Area of Circles

- Surface Area formulas

Surface Area of Cuboids and

Cylinders

Volume of Cuboids and Cylinders

- Volume formulas

Introduction to the Pythagorean

- Squares, square numbers, square roots

Theorem

(surds)

- The Pythagorean Theorem

Unit 4: Information Handling

Themes

Sub themes

Graphic displays of information

- Collect & organise data via: tally marks, pictographs, line plot, bar graph, and line graphs (discrete and continuous)

- Interpret the above graphic displays of data

Measures of dispersion and central tendency

- Range
- Mean
- Median
- Mode

Reference Material:

- NCTM *Illuminations*: <http://illuminations.nctm.org/>
- Maths Curriculum: <http://nzmaths.co.nz/>
- N-Rich Maths site: <http://nrich.maths.org/public/>
- *How Students Learn: History, Mathematics, and Science in the Classroom*

www.nap.edu/catalog.php?record_id=10126#toc Published by National Academies Press.

- *What does Good Mathematics Instruction Look Like?:*
<http://www.naesp.org/resources/2/Principal/2007/S-Op51.pdf>
- *Mathematics for Elementary School Teachers*, by Tom Basserear, published by Brooks Cole

Political Science

Political Science-I (Foundation)

Total Mark: 100

Appendix 'A' (Outlines of Tests)

Principles of Political Science :100 Marks

Appendix 'B' (Syllabi and Courses of Reading) Principles of Political Science 100 Marks

1. Political Science: Definition, Scope and utility of Political Science and approaches to the study of Political Science.
2. The State: Definition and elements; state and government; State and Society; State and Associations.
3. Sovereignty: Definition, Characteristics, Kinds of Sovereignty Monism versus Pluralism-Islamic concept of Sovereignty.
4. Liberty: (a) Nature, kinds and safeguards of liberty, Liberty and equality; liberty and law. (b) Definition, meanings and kinds of rights, Fundamental Human Rights in Islam Rights of Non-Muslims in an Islamic State.
5. Law: Definition Meanings, kinds, sources of Law, Law and Morality-Islamic concept of Law; Sources of law in Islam. Importance of Ijtehad.
6. Organization of Modern State:
 - (a) (1) Democracy; nature, attributes and reconditions
 - (2) Islamic concept of Democracy.
 - (3) Dictatorship; kinds and features.
 - (b) Unitary and federal systems.
 - (c) Parliamentary and presidential systems.
7. Structure of Government:
Executive, legislature and judiciary.
8. Political Participation:
Elections and Electorate; (a) Adult and restricted suffrage- Methods of voting-Direct Legislation (Referendum, initiative plebiscite and Recall, Qualifications of Voters and candidates in an Islamic policy. Role of an elected representative.
 - (i) in a modern secular state.
 - (ii) in an Islamic state.

(b) Free Elections and its pre-requisites. Direct and indirect elections—electoral districts—representation of minorities—proportional Representation-Functional representation.

9. Political Dynamics:

(a) Political parties ; Types, functions and role.

(b) Interest groups; types role in a modern policy; Methods of political action.

(c) Public opinion Definition—Development of the concept— public opinion polls. Methods of measurement.

10. Theories regarding the nature and purpose of state;

Idealist View—utilitarian view—Socialism, Communism. Fascism Welfare concept of state; Western and Islamics.

Recommended Books:

Rodce, Anderson and Introduction to Political Science, Mew York, 1967.

Christol:

Muhammad Asad: Principles of State and Government in Islam.

Muhammad Sarwar: سد یا سد یات معارف

Farooq Akhtar Najid: ریاست و سد یاست

SEMESTER II		
Course Code	Courses	Credit Hrs
ENG-1206	English-II (Compulsory)	3
COM-1204	Computer (Foundation)	3
PS-1212	Pakistan Studies (Compulsory)	2
PSY-1219	Psychology (Foundation)	3
	Discipline 1- Course 2	3
	Discipline 2- Course 2	3

COURSE TITLE: ENGLISH II (COMMUNICATION SKILLS, Comp.)

Course Code: ENG-1206

Credits Hrs: 03

Learning Outcomes:

After completing this course, pre-service teachers/teachers will be able to:

- use English confidently and independently
- discriminate between formal and informal language use
- communicate effectively in speech and writing with different audiences for a variety of purposes
- communicate their own ideas clearly by applying their knowledge of grammar and usage in written and oral presentations
- identify the main stylistic features of descriptive, narrative, persuasive and argumentative texts

SEMESTER OUTLINE

UNIT 1 – EFFECTIVE COMMUNICATION

Effective communication

- Communicating effectively
- The communication cycle and process
- Communication barriers

Language Development of English Language Teachers (ELT)

- Understanding group dynamics
- Understanding ELT as a self directed learner

- Developing Language awareness by using CLT activities

Organizing a message

- Grammatical accuracy in speech and writing
- Coherence and clarity
- Opening statement/topic sentence & key words

UNIT 2 – MAKING ORAL PRESENTATIONS

Effective presentations

- The ingredients of a successful presentations
- Structuring a presentation – the key stages
- Using visual displays to present key facts and figures

Presenting in a logically organized and interesting manner

- Using PowerPoint or overhead transparencies for presentations that describe a process/phenomenon
- Tips to hold your audience's attention
- Preparing for a presentation
- Delivering a five-minute presentation

UNIT 3 – SOUND PATTERNS, TONE AND PURPOSE

Sound patterns and tone

- Vowel and consonant sounds and clusters
- Phonemes and syllables
- Stress and intonation

Modes of communication

- Audience and purpose - Visual texts: pictures and video clips
- Identifying purpose and audience in different texts
- The language of media – differentiating between audience and purpose

Audience specific

- Writing for different audience
- Presenting informally vs. formally
- Communicating through different mediums
- Understanding the purpose
- Reading for meanings
- Reports/Descriptive vs. narrative texts

- Argumentative vs. persuasive texts
- Writing/Presenting persuasively

UNIT 4 – PERSUADING AUDIENCE

Public speaking

- Speech/presentation: extemporary and prepared
- Public announcements
- News broadcast

Being interviewed

- Résumé/CV
- Interview skills
- Interviewing for a job/internship

Persuasive writing

- Writing persuasively
- Applications
- Letters of advice/direct request
- Reading graphical information: data presented through charts, graphs, etc.

UNIT 5 – COLLECTING & PRESENTING INFORMATION

Collecting information

- Power reading/study skills
- Note-taking; summarizing
- Synthesizing information

Graphical information

- Converting a report to a chart/graph
- Summary and outline

Collecting and presenting data objectively

- Small scale research project
- Developing a questionnaire
- Gathering data and presenting findings
- Reporting results

Project presentation

SUGGESTED TEXTBOOKS AND REFERENCES

Eastwood, J. (2005) Oxford Practice Grammar, Karachi: Oxford University Press. Swan, J. Practical English Usage (3rd editions) Oxford University Press

Thomson and Martinet, A practical English Grammar (Intermediate) Oxford University Press
Howe, D.H. & Kilpatrick, L. (2008) English for Undergraduates, Oxford: Oxford University Press

Write better, Speak better (2005) Editors of Readers Digest. Readers' Digest Association

The following websites provide a wealth of resources:

<http://www.bbc.co.uk/worldservice/learningenglish/>

<http://learnenglish.britishcouncil.org/en/>

<http://www.teachingenglish.org.uk/>

<http://freesoftwarepc.biz/educational-software/download-free-software-3d-grammar-english-portable/>
(a grammar software free download)

Title	Computer
No. of Credit Hours	3 Credits Hrs.
Course Code	COM-1204
Total teaching weeks	18
Objectives of the Course	<ul style="list-style-type: none">● Understand different terms associated with ICT● Identify various components of a computer system● Identify the various categories of software and their usage● Define the basic terms associated with communications and networking● Understand different terms associated with the Internet and World Wide Web.● Use various web tools including Web Browsers, E-mail clients and search utilities.

Course Contents:

Basic Definitions & Concepts

Hardware: Computer Systems & Components

Storage Devices, Number Systems

Software: Operating Systems, Programming and Application Software

Introduction to Programming, Databases and Information Systems

Networks

Data Communication

The Internet, Browsers and Search Engines

The Internet: Email, Collaborative Computing and Social Networking

The Internet: E-Commerce

IT Security and other issues

Project Week

Review Week

Text Books/Reference Books:

1. Introduction to Computers by Peter Norton, 6th International Edition, McGraw-Hill
2. Using Information Technology: A Practical Introduction to Computer & Communications by Williams Sawyer, 6th Edition, McGraw-Hill
3. Computers, Communications & information: A user's introduction by Sarah E. Hutchinson, Stacey C. Swayer
4. Fundamentals of Information Technology by Alexis Leon, Mathews Leon, Leon Press.

COURSE TITLE: PAKISTAN STUDIES

Course Code: PS-1212

Credit Hrs: 02

Learning Outcomes:

- To create awareness among students about Pakistan as an enlightened nation , comparing it with the rationale and endeavours for Pakistan's creation;
- To educate students about key concept in the disciplines comprising Pakistan Studies (history, geography, economics and political science);
- To assist students to identify various perspectives on current, persistent and controversial issues in Pakistan; identify their own position and be able to support it;
- To inculcate in students the sense of patriotism, tolerance, active citizenship, and respect for cultural diversity and religious harmony.

- To encourage students to design and implement a project to promote active and responsible citizenship;

Course Outline:

UNIT 1: HISTORICAL PERSPECTIVES

1.1 Introduction; The concept of civilization

Introduction to the course

Civilization

Ancient civilizations of Indus valley: Mohenjo-Daro and Harrapa

1.2 Skills development

Inquiry skill

Presentation skill

Teaching history: facts versus opinions

1.3 Ideological rationale with reference to important personalities

Two nation theory: Sir Syed Ahmad Khan, Allama Iqbal and Quaid-e-
Muhammad Ali Jinnah Azam

1.4 Factors leading to the birth of a nation

Factors leading to the creation of Pakistan - Economic, Social and Political

1.5 Struggle for Pakistan

British colonization and Muslim reform movement (1857 – 1905)

The struggle of independence (1905 – 1940)

1.6 Struggle for Pakistan

The Pakistan movement (1940 – 1947)

The teething years (1947 – 1958)

UNIT 2: LAND AND PEOPLE

2.1 Geography of Pakistan

General overview to geography of Pakistan

Introduction to project work

2.2 Map skills

Globe and different types of map

Skill development: map and globe reading and interpreting

2.3 Physical features of Pakistan

Physical features of Northern and Western Highlands and The Punjab Plains

2.4 Weather and climate; Factors affecting weather and climate

Factors that influence weather and climate of Pakistan

Major climatic zones of Pakistan and their characteristics

2.5 Environmental problems in Pakistan

Major Natural and Human Made Disasters in Pakistan

Disaster Management / Preparedness

2.6 Movement and Human environment interactions

Movement: people, goods and ideas;

Humans adapt to the environment / Humans modify the environment / Humans depend on the environment.

2.7 Population and its effects on economy

Population density and distribution

Population growth and its effects on economy of the country

UNIT 3: GOVERNMENT AND POLITICS IN PAKISTAN

3.1 The government of Pakistan

Introduction

Systems, levels functions and branches of government

3.2 Objective Resolution

The approval of the Objective Resolution by the Constituent Assembly

Key features of the Objective Resolution

Significance and impact of Objective Resolution in constitution making

3.3 The Political and Constitutional Phases

Pakistan: The early years (1947 – 1958)

The Ayub Era (1958 – 1969)

The Yahya Regime (1969-1971)

3.4 The Political and Constitutional Phases

The Z. A. Bhutto Era (1971-1977)

The Zia Regime (1977-1988)

Civilian Rule (1988-1999)

Musharraf Rule (1999-2008)

3.5 The 1973 Constitution

UNIT 4: CONTEMPORARY PAKISTAN

4.1 Contemporary Pakistan Politics

4.2 Contemporary Issues

Major Social, Cultural, Sectarian and Ethnic issues

4.3 The future of Pakistan Economic Prospects Positional opportunities and threats

4.4 Consolidation of the course

4.5 Conclusion of the course

Reference Material:

- Abid, S.Q. (2007). *A Muslim Struggle for Independence: Sir Syed to Muhammad Ali Jinnah*. Lahore: Sang-i-Meel.
- Ali, C. M. (1998). *The Emergence of Pakistan*. Lahore: Research Society of Pakistan.
- Ali, Mehrunnisa (2001). *Readings in Pakistan's Foreign Policy*. Karachi: Oxford University Press.
- Amin, Shahid.M (2004). *Pakistan's Foreign Policy: A Reappraisal*. Karachi: Oxford University Press.
- Anwar Syed (2007). *Issues and Realities of Pakistani Politics*. Lahore: Research Society of Pakistan, University of the Punjab.
- Burke, S.M, Qureshi, Salimul-Din (1995). *The British Raj in India*. Karachi: Oxford University Choudhary,
- G. W. (1969). *Constitutional Development in Pakistan*. London: Longman Group Ltd.
- Citizenship Rights and Responsibilities Pakistan (CRRP) Programme (2007). *Youth in Elections: Voting for our future*. Islamabad: The Asia Foundation.
- Cohen, S. P. (2005). *The Idea of Pakistan*. Karachi: Oxford University Press.
- Dean, B.L., Joldoshalieva, R., Fazilat, A. (2006). *Creating a Better World: Education for Citizenship, Human Rights and Conflict Resolution*. Karachi: AKU-IED
- Kazimi, M. R (2007). *Pakistan Studies*. Karachi: Oxford University Press.
- Kazimi.M.R. (2009). *A Concise History of Pakistan*. Oxford University Press. Kennedy, C. (Ed.) (2006). *Pakistan 2005*. Karachi: Oxford University Press. Khan, F. K. (1991). *A*

Geography of Pakistan: Environment, People and Economy. Karachi: Oxford University Press.

- Khan, H. (2001). Constitutional and Political History of Pakistan. Karachi: Oxford University Press. Malik, H. & Gankovsky, Y. V. (Eds.) (2006). The Encyclopedia of Pakistan. Oxford University Press.
- Rabbani, M. I. (2003). (Revised Edition). Introduction to Pakistan Studies. Lahore: Caravan Book House.
- Rafique Afzal, Political Parties in Pakistan, Islamabad: National Institute of Historical and Cultural Research, 1999, (Vol. I, II and III) 1999.
- Shafqat, Saeed, New Perspectives on Pakistan: Visions for the Future, Karachi, Oxford University Press, 2007
- Smith, N. (2007). Pakistan: History, Culture and Government. Karachi: Oxford
- Yusuf, Hamid (1998) A study of political Development 1947-99. Lahore: The Academy.

Website Resources

Story of Pakistan: A multimedia journey <http://www.storyofpakistan.com/>

Government of Pakistan <http://www.pakistan.gov.pk/>

Pakistan Institute of Trade and Development www.pitad.org.pk

Pakistan Agricultural Research Council <http://www.parc.gov.pk/>

Geographical Association: Furthering the learning and teaching of Geography
<http://www.geography.org.uk/>

National Fund for Cultural Heritage <http://www.heritage.gov.pk/>

Constitution of Pakistan

<http://www.mofa.gov.pk/Publications/constitution.pdf>

Declaration on Rights and Duties of States

http://untreaty.un.org/ilc/texts/instruments/english/draft%20articles/2_1_1949.pdf

Psychology

Title	Description
Semester	2 nd
No. of Credit Hours	3 Credits Hrs.
Course Code	PSY-1219
Total teaching weeks	18
Objectives of the Course	<ul style="list-style-type: none"> •The main aim is to familiarize students with history, main concepts, methods, and theoretical frameworks in psychology. <p>The course will help students appreciate the human nature and its related concepts, thereby will gain insight into human behavior and human relationships</p>

- 1.
2. **Understanding Psychology**
3. Psychology: Scientific perspective
4. Historical perspective
5. Schools of psychology
6. Methods of psychology
7. Ethical issues
8. Fields of psychology and their application
- 9.
10. **Biological Basis of Behaviour**
11. Neuron and its function
12. Central nervous system
13. Peripheral nervous system
14. Endocrine system
- 15.
16. **Sensation and Perception**
17. Senses: Vision, audition, smell, taste and kinesthetic
18. Introduction to perception
19. Gestalt principles
20. Binocular and monocular cues
21. Illusions and extra sensory perception
- 22.
23. **Learning**
24. Definition of learning
25. Types of learning: Classical and operant conditioning
26. Punishment and its effects
27. Latent and observational learning
- 28.
29. **Memory**
30. Definition and types of memory
31. Processes and techniques of improving memory
32. Forgetting: Nature and causes
- 33.
34. **Cognition and Language**
35. Concept of cognition
36. Problem solving

37. Judgment and decision making

38. Language development

39. Language and cognition

40. Language and culture

41.

42. Intelligence and Creativity

43. Concept of intelligence

44. Theories of intelligence

45. Assessment of intelligence

46. Mental retardation

47. Concept of creativity and its stages

48.

49. Motivation and Emotion

50. Introduction to motivation

51. Factors affecting motivation

52. Introduction to emotions

53. Types of emotions

54. Physiology and emotion

55. Theories of emotion

56.

57. Personality

58. Defining personality

59. Theories of personality

60. Personality assessment

61.

62. Social Thinking and Social Influence

63. Social facilitation

64. Attribution theory

65. Crowd behavior

66. Conformity, Obedience

67. Helping behavior

68.

69. Recommended Books

70.

71. Atkinson R. C., & Smith, E. E. (2000). *Introduction to psychology* (13th ed.). NY: Harcourt
72. Brace College Publishers.

73. Coon, D., & Mitterer, J. (2008). *Introduction to psychology: Gateways to mind and behavior*
74. (12th ed.). USA: Wadsworth Cengage Learning.

75. Fernald, L. D., & Fernald, P.S (2005). *Introduction to psychology*. USA; WMC Brown
76. Publishers.

77. Fredrickson, B., Nolen-Hoeksema, S., Loftus, G., & Wagenaar, W. (2009). *Atkinson &
Hilgard's*

78. *introduction to psychology* (15th ed.). USA: Wadsworth.

79. Glassman, W.E. (2000). *Approaches to psychology*. Open University Press.

80. Hayes, N. (2000). *Foundation of psychology* (3rd ed.). UK: Thomson Learning.

81. Kalat, J. W. (2010). *Introduction to psychology*. USA: Cengage Learning, Inc.

82. Lahey, B. B. (2004). *Psychology: An introduction* (8th ed.). UK: McGraw-Hill Companies,
83. Inc.

84. Leahey, T. H. (1992). *A history of psychology: Main currents in psychological thought*. New
85. Jersey: Prentice-Hall International, Inc.

86. Myers, D. G. (2011). *Psychology* (10th ed.). USA: Wadsworth Publishers.

87. Ormrod, J. E. (1995). *Educational psychology: Developing learners*. USA: Prentice Hall, Inc.

88. Rathus, S. (2011). *Psychology: Concepts and connections* (10th ed.). USA: Wadsworth
Cengage

SEMESTER III		
Course Code	Courses	Credit Hrs
ENG-2306	English III (Compulsory)	3
ARA-2301	Arabic (Compulsory)	3
	Discipline 1- Course 3	3
	Discipline 2- Course 3	3
	Discipline1- Course 4	3
	Discipline 2- Course 4	3
	Total Credit Hours	18

Title of Course: Functional English – III (Technical Writing & Presentation Skills, Comp.)

Course Code: ENG-2306

Credit Hrs: 03

Learning Outcome:

Enhance language skills and develop critical thinking

Course Contents:

Presentation skills

Essay writing

Descriptive, narrative, discursive, argumentative

Academic writing

How to write a proposal for research paper/term paper

How to write a research paper/term paper (emphasis on style, content, language, form, clarity, consistency)

Technical Report writing

Progress report writing

Note: Extensive reading is required for vocabulary building

Reference Material:

Technical Writing and Presentation Skills

a) Essay Writing and Academic Writing

1. Writing. Advanced by Ron White. Oxford Supplementary Skills. Third Impression 1992. ISBN 0 19 435407 3 (particularly suitable for discursive, descriptive, argumentative and report writing).
2. College Writing Skills by John Langan. Mc=Graw-Hill Higher Education. 2004.
3. Patterns of College Writing (4th edition) by Laurie G. Kirszner and Stephen R. Mandell. St. Martin's Press.

b) Presentation Skills

c) Reading

The Mercury Reader. A Custom Publication. Compiled by norther Illinois University. General Editors: Janice Neulib; Kathleen Shine Cain; Stephen Ruffus and Maurice Scharon. (Note: A reader which will give students exposure to the best of twentieth century literature, without taxing the taste of engineering students).

Arabic (Compulsory)	
ARA-2301	
ما هذا؟ - هل تلك مدرسة؟ - تمارينات	الدرس الاول
الضمائر المتصلة- تمارينات	الدرس الثاني
المركب الاضافي - تمارينات	الدرس الثالث

الدرس الرابع	المركب التوصيفى- الرفع- تمارينات
الدرس الخامس	الضمائر المنفصلة - حروف الجر- تمارينات
الدرس السادس	الجمع- تمارينات
الدرس السابع	الفعل الماضى- تمارينات
الدرس الثامن	الفعل المضارع - تمارينات
الدرس التاسع	الفعل المضعف- الضمائر المتصلة بالافعال- تمارينات
الدرس العاشر	الفعل الصحيح- الفعل المعتل- تمارينات
الدرس الحادى عشر	المذكر والمونث - الأسماء الخمسة - تمارينات
الدرس الثانى عشر	الأعداد - تمارينات
الدرس الثالث عشر	كم - أى - تمارينات
الدرس الرابع عشر	اسم الفاعل - تمارينات
الدرس الخامس عشر	اعضاء الجسم - الألوان - بعض المصادر القياسة- تمارينات
الدرس السادس عشر	لقاء فى المطار - الحروف والأسماء مع الضمائر المتصلة- تمارينات
الدرس السابع عشر	الجملة الأسمية - الجملة الفعلية - تمارينات
الدرس الثامن عشر	حروف الهجاء- وطريقة النطق بها- حروف المد - ال - القمرية - والشمسية - تمارينات
الدرس التاسع عشر	(ا) الأناشيد المختارة - تمارينات (ب) القصة : (قوة الأخلاص) - تمارينات
الدرس العشرون	الأحاديث النبوية

Course Code	Courses	Credit Hrs
	Introduction to Social Work/ Geography/ Statistics/Management/ Project/Internship	3
	Discipline I- Course 5	3
	Discipline II- Course 5	3
	Elective 1	3
	Elective –II	3
	Total Credit Hours	15