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| English | | | |
| Course Code: | HU100 | **Semester:** | 1st |
| Credit Hours: | 2 + 0 | **Prerequisite Codes:** | Nil |
| Instructor: | Ms.Dania Anwar | **Class** | BEE-12ABCD |
| Office: |  | **Telephone:** |  |
| Lecture Days: Tuesday, Thursday |  | **E-mail:** | [anwardania390@gmail.com](mailto:anwardania390@gmail.com) |
| Class Room: | CR- 6, 7, 9, 13, 14 | **Consulting Hours:** | Wednesday: 11-11:50 am |
| Knowledge Group: | Humanities | **Updates on LMS:** | After every Lecture |

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| Course Description: | |
|  | The course focuses on enhancing students’ proficiency in communicating and negotiating in English effectively. It familiarizes students to the four language skills and through task-based sessions and integrated activities, enables them to communicate with ease in social and professional contexts. |

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| Course Objectives: | |
|  | The course aims at improving students’ ability to express their ideas effectively and confidently in various professional and general life situations. It helps them to use the four language skills to their benefit and attain proficiency in verbal and written expression. |

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| Course Learning Outcomes (CLOs): | |  |  |
| At the end of the course the students will be able to achieve the following targets: | | **PLO** | **BT Level\*** |
| 1. | Acquisition of four language skills - listening, speaking, reading and writing - to effectively communicate and respond in various professional and general life situation. | 10 | A-1 |
| 2. | Develop a competence in written communication to handle formal and informal correspondence. | 8 | C-5 |
| 3. | Communicate efficiently in public speaking situations and develop an ability to express ideas in discussions and negotiations. | 12 | A-2 |
|  | \* BT= Bloom’s Taxonomy, C=Cognitive domain, P=Psychomotor domain, A= Affective domain |  |  |

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| Mapping of CLOs to Program Learning Outcomes |
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| Mapping of CLOs to Assessment Modules and Weightages (In accordance with NUST statutes) |
| To be filled in at the end of the course.   |  |  | | --- | --- | | **Assessments/CLOs** |  | | Quizzes: 10% |  | | Assignments: 10% |  | | OHT-1: 15% |  | | OHT-2: 15% |  | | End Semester Exam: 50% |  | | Total : 100 % |  | |

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| Books: | |
| Text Book: | High School English Grammar and Composition’ by Wren and Martin |
| Reference Book(s): | 1. High school English grammar and composition by Wren 2. A Practical English grammar by Thomson 3. The Write Start: Paragraphs to Essays’ by Lawrence Checkett 4. Improving Reading Skills’ by Deanne Spears 5. Common Mistakes in English’ by T.J.Fitikides 6. Oxford English for electrical and mechanical engineering by Eric H. Glendinning 7. Everyone’s Guide to Effective Writing’ by I. Jayakaran |

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| Main Topics to be Covered: |
| * Comprehension * Case Studies * Discussions * Presentations * Writing Tasks * Book Review * Novel Reading * Written Communication * Role-Plays * Dialogues * Research Assignments |

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| Week no. | Topics |
| Week 1: | Introduction to the subject and its importanceBrief introduction of Four Skills of English LanguageBrief discussion on writing a book review |
| Week 2: | Reading skills and comprehension strategies (Theory and Practice)7 Cs of communication (Theory and Practice) |
| Week 3: | Parts of Speech, verb tense, subject-verb-Agreement, participle Types of pronoun a) demonstrative pronoun b) reflexive pronoun C) reciprocal pronoun D) relative pronoun |
| Week 4: | Formal writing vs informal writing (Theory)Formal writing vs Task (Theory and Practice) |
| Week 5: | Phonetics & PhonologyIntroduction to the speech sounds Consonant, Vowels, Stress Patterns, Intonation, Form Words, Content Words, Rhythm Grammar Review I Phrase, Clause, Sentence, Sentence structures, Types of sentences (Simple, compound, compound complex), Punctuation marks, Modifiers Conversion strategies and activities (Based on formal and Informal situations) |
| Week 6: | Personal writing (Theory and Practice)Elements of spoken English and some common problems of pronunciation and possible solutions |
| Week 7: | Oral Presentation Skills (Power Point Presentations, Deliverance, Rhythm, intonation, Stress pattern, Preparation, Choosing Overall Organizational Pattern, Building Strong Opening, Tips for Creating a Great Introduction and interesting conclusion, Checking for Understanding, Posture and Gestures, Audio-visual Aids, Eye Contact  Use of the Voice, First Impressions, Timing, Handling Difficult Questions).  Art of public speaking |
| Week 8: | **MID-TERM** |
| Week 9: | Individual role playing activities/ Interactive role playing activities (Theory and writing task)Individual role playing activities/ Interactive role playing activities (Performing in group) |
| Week 10: | Advanced Sentence Structures-I(Misplaced modifiers, Dangling modifiers, mixed constructions)Advanced Sentence Structures-II Parallelism (Parallelize the non-parallel structures, Sentence fragments, Run-on sentences) |
| Week 11: | Pre writing Techniques Free writing, note keeping/making, brain storming, mind mapping, identifying topics words, developing topic sentences. |
| Week 12: | Paragraph Writing (Developing thematic ideas and supporting details, Invention & inquiry Technique, Usage of synonyms/Antonyms, Developing unity in ideas) |
| Week 13: | Types of writing Narrative writing Descriptive writing Expository writing |
| Week 14: | Essay Writing Types of Essay (Organization, Common methods of beginning, middle, conclusion, Use of linkages/discourse markers) |
| Week 15: | Punctuation Comma, Semi colon, Colon Articles/determiners  Word Skills Vocabulary building, synonyms, antonyms, effective use of thesaurus, dictionary skills |
| Week 16: | Relevant Case Studies for Electrical Engineering  Revision and activity based lectures. |
| Week 17: | **Final Exam** |

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| Grading Policy: | |
| Quiz Policy: | The quizzes will be unannounced and normally last for ten minutes. The question framed is to test the concepts involved in last few lectures. Number of quizzes that will be used for evaluation is at the instructor’s discretion. |
| Assignment Policy: | In order to develop comprehensive understanding of the subject, assignments will be given. Late assignments will not be accepted / graded. All assignments will count towards the total (No ‘best-of’ policy). The students are advised to do the assignment themselves. Copying of assignments is highly discouraged and violations will be dealt with severely by referring any occurrences to the disciplinary committee. The questions in the assignment are meant to be challenging to give students confidence and extensive knowledge about the subject matter  and enable them to prepare for the exams. |
| Plagiarism: | SEECS maintains a zero tolerance policy towards plagiarism. While collaboration in this course is highly encouraged, you must ensure that you do not claim other people’s work/ ideas as your own. Plagiarism occurs when the words, ideas, assertions, theories, figures, images, programming codes of others are presented as your own work. You must cite and acknowledge all sources of information in your assignments. Failing to comply with the SEECS plagiarism policy will lead to strict penalties including zero marks in assignments and referral to the academic coordination office for disciplinary action. |

**PLO Description**

(i) **Engineering Knowledge:** An ability to apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

(ii) **Problem Analysis:** An ability to identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

(iii) **Design/Development of Solutions:** An ability to design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

(iv) **Investigation:** An ability to investigate complex engineering problems in a methodical way including literature survey, design and conduct of experiments, analysis and interpretation of experimental data, and synthesis of information to derive valid conclusions.

(v) **Modern Tool Usage:** An ability to create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities, with an understanding of the limitations.

(vi) **The Engineer and Society:** An ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice and solution to complex engineering problems.

(vii) **Environment and Sustainability:** An ability to understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.

(viii) **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

(ix) **Individual and Team Work:** An ability to work effectively, as an individual or in a team, on multifaceted and /or multidisciplinary settings.

(x) **Communication:** An ability to communicate effectively, orally as well as in writing, on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

(xi) **Project Management:** An ability to demonstrate management skills and apply engineering principles to one’s own work, as a member and/or leader in a team, to manage projects in a multidisciplinary environment.

(xii) **Lifelong Learning:** An ability to recognize importance of, and pursue lifelong learning in the broader context of innovation and technological developments.