

NORTHERN TECHNICAL UNIVERSITY — MOSUL POLYTECHNIC COLLEGE

Electrical Techniques Department — First Year Course Description (NTU100 / NTU101)

1. Human Rights and Democracy (Course Code: NTU100) — Total: 30 Hours

WEEK	THEORETICAL TOPICS & UNITS	TEACHING & EVALUATION METHODS
Week 1	Human Rights: Definition, Objectives, and Rights in Ancient Civilizations & Divine Religions.	Lectures / Exams & Reports
Week 2	Human Rights in Modern/Contemporary History & Regional Charters (European, American, African, Arab).	Lectures / Exams & Reports
Week 3	Non-Governmental Organizations (Red Cross, Amnesty International, Human Rights Watch).	Lectures / Exams & Reports
Week 4	Human Rights in Iraqi Constitutions & Relationship between Rights and Public Freedoms.	Lectures / Exams & Reports
Week 5	Economic, Social, Cultural, Civil & Political Rights, and Modern Solidarity Rights.	Lectures / Exams & Reports
Week 6	National & International Guarantees for Protecting Human Rights and UN Role.	Lectures / Exams & Reports
Week 7	General Theory of Freedoms: Origin of Rights, Freedoms, and Legislative Framework.	Lectures / Exams & Reports
Week 8	Regulation of Public Freedoms & Evolution of Equality Concept (Gender, Belief, Race).	Lectures / Exams & Reports
Week 9	Freedoms of Education, Press, Assembly, Association, Work, and Property Rights.	Lectures / Exams & Reports
Week 10	Freedom of Trade/Industry, Security, Movement, and Women's Freedom.	Lectures / Exams & Reports
Week 11	Scientific and Technical Progress and its Effect on Public Freedoms.	Lectures / Exams & Reports
Week 12	The Crime of Genocide in International and National Law.	Lectures / Exams & Reports
Week 13	Democracy: Definition, Characteristics, and Types of Democratic Systems.	Lectures / Exams & Reports
Week 14	Electoral Systems: Definition, Mechanisms, and Types of Elections.	Lectures / Exams & Reports
Week 15	Contemporary Political Systems and Comprehensive Evaluation.	Lectures / Final Exam

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Electrical Techniques Department — First Year Course Description

2. English Language (Course Code: NTU101) — Total: 30 Hours

WEEK	THEORETICAL & SKILL DEVELOPMENT TOPICS	LEARNING OUTCOMES & PRACTICE
Week 1	Introduction to English Communication & Diagnostic Test	Speaking & Listening Fundamentals
Week 2	Grammar Essentials: Tenses, Verb Forms, and Sentence Structures	Academic Writing Skills
Week 3	Technical & Electrical Vocabulary Building — Module I	Reading Comprehension
Week 4	Academic Reading Strategies (Skimming, Scanning, Context Clues)	Textual Analysis
Week 5	Writing Technical Paragraphs & Topic Sentences	Written Exercises & Drafts
Week 6	Listening Skills: Audio Comprehension of Technical Seminars	Audio-based Exercises
Week 7	Speaking Practice: Group Discussions and Presentations	Oral Communication Skills
Week 8	Midterm Assessment & Grammar Review	Written Evaluation
Week 9	Technical Communication & Email Writing Etiquette	Applied Writing Practice
Week 10	Technical & Engineering Reports Structure	Report Drafting
Week 11	Advanced Reading: Technical Journals & Manuals	Critical Reading Skills
Week 12	Vocabulary Building — Module II (Engineering Terms)	Vocabulary Applications
Week 13	Oral Presentation Techniques & Visual Aids Usage	Classroom Presentations
Week 14	Research Skills: Academic References & Summarizing	Summary Writing
Week 15	Final Review and Comprehensive Language Assessment	Final Written & Oral Exam