E

|  |  |  |  |
| --- | --- | --- | --- |
| ESP LESSONS | | | |
| **ENGINEERING** | **MEDICINE** | **PILOTAGE** | **ELT AND TRANSLATION** |
| CIVIL ENGINEERING | HEALTH SCIENCES | CABIN CREW | ENGLISH LANGUAGE TEACHİNG |
| COMPUTER ENGINEERING | DENTISTRY | PLANE TECHNOLOGIES | TRANSLATION INTERPRETİNG |
| INDUSTRIAL ENG. | NURSERY | CIVIL AVIATION CABIN SERVICES |  |
| SOFTWARE ENG. | DIADETICS |  |  |
| ELECTRICAL AND ELECTRONICS ENG. | MEDICAL LABORATORY |  |  |
| GENETICS ENG. |  |  |  |
| AUTOMATIVE ENG |  |  |  |
| FOOD ENGINEERING |  |  |  |
| ARCHITECTURE |  |  |  |

**ENGINEERING**

**Week 1-2:** Introduction to Engineering (Computer, Industrial, Electrical and Electronics, Genetics, Automotive and Food)

Objective: Introduce students to the various engineering disciplines, the engineering design process, and the importance of problem-solving skills.

**Week 3-4:** Materials Science and Physics Fundamentals

Objective: Explore material properties, manufacturing processes and strengthen students' physical foundations, including mechanics, and thermodynamics.

**Week 5-6**: Engineering Ethics

Objective: Introduce students to ethical considerations in engineering practice.

**Week 7-8:** Computer Programming and Algorithms

Objective: Introduce students to programming concepts and algorithms using a programming language relevant to their discipline.

**Week 9-10:** Problem-Solving and Design Thinking

Objective: Develop students' problem-solving skills and understanding of the engineering design process through real-world projects.

**Week 11-12:** Communication and Technical Writing

Objective: Enhance students' communication skills through technical writing, presentations, and collaborative group projects.

**Week 13-14:** Project Management and Environmental Awareness

Objective: Teach students project management principles and the importance of environmental sustainability in engineering.

**MEDICINE**

**Week 1-2:** Introduction to Health Sciences and Medical Terminology

Objective: Introduce students to the various health-related disciplines, their roles in healthcare, and the importance of accurate medical terminology.

**Week 3-4:** Anatomy and Physiology Fundamentals

Objective: Develop a foundational understanding of human anatomy and physiology, focusing on major organ systems and their functions.

**Week 5-6:** Principles of Health Promotion and Disease Prevention

Objective: Explore strategies for promoting health, preventing diseases, and educating patients about healthy lifestyles.

**Week 7-8:** Patient Communication and Interpersonal Skills

Objective: Enhance communication skills to effectively interact with patients, families, and colleagues while maintaining empathy and professionalism.

**Week 9-10:** Medical Ethics and Legal Aspects of Healthcare

Objective: Understand ethical principles, patient rights, legal responsibilities, and confidentiality in healthcare practice.

**Week 11-12:** Pharmacology Basics and Medical Interventions

Objective: Introduce students to fundamental pharmacology concepts and common medical interventions used in healthcare settings.

**Week 13-14:** Diagnostic Techniques and Infection Control

Objective: Explore diagnostic methods, medical imaging, and infection control practices to ensure patient safety and accurate diagnosis.

Formun Üstü

**ECONOMY**

**Week 1-2:** Introduction to Economics and Business

Objective: Introduce students to the foundational concepts of economics, business ethics, and the global business environment.

**Week 3-4:** Microeconomics and Macroeconomics Principles

Objective: Develop an understanding of microeconomic concepts (e.g., supply and demand) and macroeconomic indicators (e.g., GDP, inflation).

**Week 5-6:** Mathematics and Statistics for Business (Could be based on real life situations)

Objective: Strengthen students' mathematical and statistical skills to analyze economic data and make informed business decisions.

**Week 7-8:** Marketing Fundamentals and Consumer Behavior

Objective: Introduce students to marketing principles, market research techniques, and understanding consumer behavior.

**Week 9-10:** Management and Leadership Skills

Objective: Enhance students' management and leadership skills through understanding organizational behavior, team dynamics, and effective communication.

**Week 11-12:** Financial Literacy and Business Finance

Objective: Develop financial literacy skills by understanding financial statements, budgeting, and managing personal and business finances.

**Week 13-14:** Global Business and International Relations

Objective: Explore the global business environment, international trade agreements, and the impact of international relations on economies.

**PILOTAGE**

**Week 1-2:** Introduction to Aviation

Objective: Introduce students to the aviation industry, its history, key players, and the importance of safety and regulations.

**Week 3-4:** Aeronautical Principles and Aircraft Systems

Objective: Develop a foundational understanding of flight principles, aerodynamics, and basic aircraft systems.

**Week 5-6:** Aviation Safety and Emergency Procedures

Objective: Educate students on aviation safety regulations, emergency protocols, and effective communication during emergencies.

**Week 7-8:** Human Factors in Aviation

Objective: Explore the importance of crew resource management, communication skills, and decision-making in aviation operations.

**Week 9-10:** Customer Service and Passenger Interaction

Objective: Develop customer service skills, effective communication, and conflict resolution techniques for interacting with passengers.

**Week 11-12:** First Aid and Medical Training

Objective: Provide students with basic first aid knowledge and medical training to assist passengers in medical emergencies.

**Week 13-14:** Cultural Sensitivity and Diversity in Aviation

Objective: Raise awareness of cultural diversity, develop cultural sensitivity, and emphasize providing inclusive service.

**ELT AND TRANSLATION**

**Week 1:** Introduction to Language Analysis and Translation

Introduction to the course structure and objectives.

Overview of the significance of language analysis in translation.

**Week 2:** Exploring Language Nuances in Translation

Discussion: How linguistic and cultural nuances impact translation.

Vocabulary building: Terminology related to linguistic analysis and translation.

**Weeks 3-4:** Creating Bilingual Teaching Materials and Developing Bilingual Activities

Exploring the concept of bilingual teaching materials.

Vocabulary development: Terms related to language teaching and translation.

Strategies for adapting texts for language teaching purposes.

**Weeks 5-6:** Cultural Awareness and Multilingual Communication

Exploring Cultural Nuances in Communication

Discussion: How cultural factors influence communication and translation.

Case studies: Examples of cross-cultural communication challenges.

Strategies for effective multilingual communication.

**Weeks 7-8:** Interpreting Literature for Language Teaching and Translating Literary Texts

Introduction to using literature in language teaching.

Vocabulary development: Literary terms and terminology related to language teaching.

Exploring the challenges and nuances of translating literature.

.

**Weeks 9-10:** Media Interpretation and Adapting Media for Language Learning

Strategies for analyzing audiovisual materials for language teaching.

Vocabulary building: Terminology related to media analysis.

Techniques for adapting audiovisual content for language learners.

Discussion: The challenges and benefits of using multimedia in teaching and translation.

**Weeks 11-12:** Written Expression in Specific Contexts (Written Expression in ELT and Translation)

Introduction to academic writing principles.

Vocabulary development: Academic language and terminology.

Discussion: The role of written expression in both fields.

**Weeks 13-14:** Integration and Final Projects

Collaborative Interdisciplinary Projects. Introduction to interdisciplinary collaboration.

Collaborative project assignment: Creating interdisciplinary teaching materials or translation projects.

Group work: Planning and initial development of projects.

Presentation of Final Projects

Presentation of collaborative projects to the class.

Reflection: Discussing the challenges and insights gained from the collaborative process.