

**Tematica probelor de concurs
pentru ocuparea postului de lector poziția 23 din statul de funcțiuni al
DEPARTAMENTULUI DE INGINERIE INDUSTRIALĂ ȘI MANAGEMENT
Anul universitar 2016-2017**

**Disciplinele din planul de învățământ:
Comunicare limbaj tehnic (limba engleză); Limba engleză II; Limba engleză III.**

1. Parts of wholes

- Identifying things
- Assembling
- Tools
- Functions

2. Flow

- Heating system
- Electrical circuit
- Cooling system

3. Cause and effect

- Pistons and valves
- Switches and relays
- Rotors and turbines

4. Processes

- Infrastructure
- Manufacturing
- Communications

5. Energy

- Wave power
- Engines
- Cooling and heating

6. Movement

- Directions
- Instructions
- Actions

7. Materials

- Materials testing
- Properties
- Buying

8. Services

- Technical support
- Reporting to clients
- Dealing with complaints

9. Reporting

- Recent incidents
- Damage and loss
- Past events

10. Translation of technical texts

11. Technology in use

- Describing technical functions and applications
- Explaining how technology works
- Emphasising technical advantages
- Simplifying and illustrating technical explanations

12. Materials technology

- Describing specific materials
- Categorising materials
- Specifying and describing properties
- Discussing quality issues

13. Technical development

- Discussing technical requirements
- Suggesting ideas and solutions
- Assessing feasibility
- Describing improvements and redesigns

14. Components and assemblies

- Describing components shapes and features
- Explaining and assessing manufacturing techniques
- Explaining jointing and fixing techniques
- Describing positions of assembled components

15. Design

- Drawings
- Design development
- Design solutions

16. Measurement

- Horizontal and vertical measurements
- Locating and setting out
- Dimensions of circles
- Dimensional accuracy

- Numbers and calculations
- Area, size and mass
- Measurable parameters

Bibliografie

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