

## Individual semester project (topics)

1. Tensile test
2. Compression, flexural and torsion tests
3. Fatigue test
4. Impact tests
5. Creep test
6. Hardness tests
7. Abrasion and wear tests
8. Technological tests
9. Non destructive tests (NDT)
10. Classification of steels (AISI, ASTM, EN)
11. Ferrous alloys
12. Cast Iron
13. Aluminium and its alloys
14. Titanium and its alloys
15. Copper and its alloys
16. Magnesium and its alloys
17. Tool steels
18. Stainless steels
19. Cast Iron
20. Plastics
21. Composites
22. Ceramics