

List of subjects for “machine engineering” field of study

1. World view security basics
2. Economic justification of project solutions
3. Professional foreign language
4. Modern construction materials
5. Automate systems for machine engineering constructions analysis
6. Automated design engineering in integrated information environment of enterprise
7. Experimental technique and automation of research
8. Regulatory document expertize and patenting
9. Material flame machining
10. Physics of modern methods for material analysis
11. Technology and equipment for welding of oil and gas pipelines
12. Design engineering of foundry machine drive
13. Hot die forging using cranked machine
14. Welding industry attestation in Russia
15. Special foundry technological machines
16. Special technology for sheet-metal forming
17. Thermal treatment of welded connections
18. Materials and technology of special casting mold production
19. Special forging and pressing machines
20. Education internship (internship for getting primary professional skills, including skills for research)
21. Production internship (internship for getting professional skills and experience in the field of study)
22. Production internship (pre-diploma practice)
23. Production practice (research)
24. State exams