

List of subjects for “Applied mechanics” field of study

1. Economic justification of project solutions
2. Mathematical modeling and information technology in design
3. Professional foreign language
4. World view security basics
5. Machine dynamics
6. Introduction to engineering
7. Problems of mechanical system reliability
8. Computational mechanics and computer engineering
9. Motion control systems
10. Dynamics and construction of pilotless aircrafts
11. Experimental research of mechanical systems
12. Digital control systems
13. Robust systems of automatic control
14. Micromechanical measuring systems
15. Vibroacoustic system
16. Education internship (internship for getting primary professional skills, including skills for research)
17. Production internship (internship for getting professional skills and experience in the field of study)
18. Production internship (pre-diploma practice)
19. State exams