

List of subjects for "Instrument engineering" field of study

1. History
2. Foreign language
3. Philosophy
4. Physical education
5. Physics
6. Economics
7. Mathematics
8. Ecology
9. Computer science
10. Electric and radio measurement metrology
11. Digital signal processing
12. Electrodynamics and radio-wave propagation
13. Engineering drawing and computer graphics
14. Circuit and system engineering in electronic systems
15. Network analysis
16. Electronic equipment
17. Research
18. Introduction to field of study
19. Digital devices and microprocessors
20. Radio materials and radio components
21. Radioelectronic devices computer modeling
22. Radioelectronic devices reliability
23. Radioelectronic devices design engineering and production
24. Solid-state and optical electronics
25. Functional electronics
26. Electric power supply for radioelectronic devices
27. Chemistry
28. Ultra-high frequency devices and antennas
29. Electric and radio measurements
30. Applied physical education
31. Programming technology and languages
32. Information-measuring systems
33. Technical diagnosis methods
34. Intelligent measuring means
35. Radio-wave, thermal and optical control
36. System-on-a-chip design engineering
37. Nondestructive testing in production
38. Micro- and nanoelectronics physics
39. Measuring and information technology theory basics
40. Signal generating and forming devices
41. Acoustic monitoring
42. Digital signal processors and their use
43. Thermal conditions, mechanical impact and protection of radioelectronic devices
44. Information technology for electronic devices design engineering
45. Analogue selective devices
46. Software support for design and technological engineering automation of electronic devices
47. Control and measuring devices and automation
48. Electronic devices production technology
49. Measuring signal conversion
50. Digital devices synthesis
51. Education internship (internship for getting primary professional skills, including skills for research)
52. Production internship (internship for getting professional skills and experience in the field of study)
53. Production internship (pre-diploma practice)
54. State exams
55. Elementary mathematics