

List of subjects for “Application and operation of special purpose automated systems” field of study

1. Foreign language
2. Philosophy
3. History
4. Jurisprudence
5. Economy
6. Mathematics
7. Physics
8. Computer science
9. Ecology
10. Intelligent information systems
11. Fundamentals of management theory
12. Engineering and computer graphics
13. Electronics, electrical engineering and circuitry
14. Programming
15. Metrology, standardization and certification
16. Life safety
17. Electronic computers and peripherals
18. Protection of information
19. Networks and telecommunications
20. Database
21. Operating systems
22. Reliability of automated systems
23. Information Technology
24. Theory of automatic control
25. Military (special) training
26. Physical education
27. Special purpose automated systems
28. Design of automated information processing and management systems
29. Operation of special purpose automated systems
30. Organization and enterprise management
31. Probabilistic models in automated control
32. Arithmetical and logical basics of computing systems
33. Object-oriented programming
34. Programming theory and technology
35. Networking technology and web-programming
36. Software testing
37. Software construction
38. System software and microcontrollers
39. Intelligent technology and knowledge representation
40. Applied physical education
41. Open-source software and computer technologies in science and production
42. Introduction to the field of study
43. Business foreign language
44. Introduction to software engineering
45. Mathematical logic and algorithm theory
46. Automata and formalized languages theory
47. Theoretical basics of automated control
48. Information systems theory
49. Data bases management theory
50. Information technologies for data analysis
51. Design and architecture of a software system
52. Reliability and quality of software systems