

List of subjects for “Technical systems management” field of study

1. History
2. Foreign language
3. Philosophy
4. Life safety
5. Physical education
6. Enterprise economics and production management
7. Physics
8. Mathematics
9. Ecology
10. Applied mechanics
11. Technical systems reliability
12. Automatic control theory
13. Electrical engineering and electronics
14. Metrology, standardization and certification
15. Material science
16. Engineering drawing and computer graphics
17. Chemistry
18. Technical objects management system
19. Vocational profession
20. Automatic control means and systems
21. Management systems modeling
22. Control modeling and algorithm development in automated systems
23. System programming
24. Technical systems simulation modeling
25. System analysis and decision making
26. Information and measuring systems basics
27. Conformance evaluation systems
28. Quality management systems
29. Technical systems management theory
30. Circuit engineering for automated control systems
31. Computer tools for automated control systems
32. Automatic control systems engineering
33. Programmable logic device programming
34. Computer control in technical systems
35. Integrated systems for design engineering and project management
36. Applied physical education
37. Data bases in automated systems
38. Robotics systems
39. Integrated management systems for automated production
40. Automated control conception for hierarchy system
41. Programmable logic device
42. Software and hardware complexes
43. Hydraulic and pneumatic control systems
44. Automated pneumatic and hydraulic drives
45. Information and measuring means for management systems
46. Technical measurements and devices
47. Automated technological processes equipment
48. Oil refining technology
49. Industrial computer networks
50. Management systems communication
51. Finite automata theory
52. Programmable logic management system theory
53. Automatic electric drive
54. Electromechanical systems
55. Education internship (internship for getting primary professional skills, including skills for research)
56. Production internship (internship for getting professional skills and experience in the field of study)
57. Production internship (pre-diploma practice)
58. State exams