

List of subjects for “Design engineering support of machine engineering production” field of study

Major – Metal-cutting machines and instruments

1. History
2. Foreign language
3. Philosophy
4. Life safety
5. Physical education
6. Enterprise economics and production management
7. Physics
8. Mathematics
9. Computer science
10. Ecology
11. Applied mechanics
12. Metrology
13. Electrical engineering and electronics
14. Material science and construction materials technology
15. Engineering and computer graphics
16. Chemistry
17. Vocational profession
18. Knowledge and skills systematization in professional activity
19. Machine engineering technology
20. Machine engineering equipment
21. Automatic control theory
22. Technical system management automation
23. Air-oil circuit
24. CAD
25. Technical systems reliability
26. Production department design engineering
27. Technological solutions
28. Information technology in machine engineering
29. Blank design engineering and production
30. Technological equipment marketing
31. Machining tool
32. Forming processes
33. Programming for CAD equipment
34. Applied physical education
35. Mathematical modeling of machine tool
36. CAD for technological processes
37. Computer science in machine tool building
38. Electrochemical and electrophysical processing. Newest technological processes
39. Machine tool design and calculation
40. Mathematical modeling in machine engineering processes
41. Thermal physics in technological systems
42. Technological fittings
43. Machine tools with numerical control
44. Machine engineering technology
45. Instrument design engineering
46. Machine maintenance
47. Machine tool control
48. Technical means for data processing
49. Education internship (internship for getting primary professional skills, including skills for research)
50. Production internship (internship for getting professional skills and experience in the field of study)
51. Production internship (pre-diploma practice)
52. State exams

Major - Machine engineering technology

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