

COPY

Attachment to the diploma
with distinction
TB № 529350

Extracts from the student's record-book of
Denis Valerievich Smolin

During the studies at the I.I. Polzunov Altai State Polytechnical Institute from 1991 to 1992 and at the I.I. Polzunov Altai State Technical University from 1992 to 1996 with major specialization in "22.03 Computer Aided Design" Denis Smoline passed the exams and tests with the following marks:

| Name of Course | Mark |
|---|-----------|
| 1. Political History | Excellent |
| 2. History of World Culture | Credit |
| 3. Philosophy | Excellent |
| 4. Sociology | Excellent |
| 5. Principles of Economics | Excellent |
| 6. Fundamentals of Labor Legislation | Credit |
| 7. English Language | Excellent |
| 8. Principles of Algorithms and Programming | Excellent |
| 9. Higher Mathematics | Good |
| 10. Selected Parts from Higher Mathematics | Good |
| 11. Physics | Good |
| 12. Descriptive Geometry and Engineering Graphics | Excellent |
| 13. Theoretical Mechanics | Excellent |
| 14. Strength of Materials | Credit |
| 15. Study of Materials | Credit |
| 16. Substitutability, Standardization and Technical Measuring | Credit |
| 17. Machinery | Credit |
| 18. Theoretical Principles of Electronic and Electrical Engineering | Excellent |
| 19. Arithmetical and Logical Basics of Machine Computing | Good |
| 20. Hardware of CAD Systems | Excellent |
| 21. Computer Systems and Networks | Excellent |
| 22. System Analysis of Design Process | Credit |
| 23. Structural Synthesis of Design Process | Good |
| 24. Principles of Construction in CAD | Credit |
| 25. Numeric Methods | Credit |
| 26. Optimization in CAD | Good |
| 27. Theory of Systems | Excellent |
| 28. Mathematical Modeling in CAD | Excellent |
| 29. Geometry Modeling and Machine Graphics | Excellent |
| 30. Operation Systems | Credit |
| 31. Development of Software and Programming Languages | Credit |
| 32. Mathematical Support in CAD | Good |
| 33. Dataware in CAD | Excellent |
| 34. CAD Software | Excellent |
| 35. Linguistic Supply of CAD | Excellent |
| 36. CAM | Credit |
| 37. Decision Support Methods | Excellent |
| 38. Development of CAD Systems | Excellent |

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|---|-----------|
| 39. Artificial Intelligence in CAD | Excellent |
| 40. Economics and Principles of Market Relations | Excellent |
| 41. Planning and Organization of Manufacturing | Excellent |
| 42. Principles of Cognitology | Credit |
| 43. Life Safety | Excellent |
| 44. Psychology | Credit |
| 45. Adaptation to Engineering | Credit |
| 46. "CAD software" course project | Excellent |
| 47. "CAD dataware" course project | Excellent |
| 48. "Linguistic Supply of CAD" course project | Excellent |
| 49. "Geometry Modeling and Machine Graphics" course project | Excellent |
| 50. "Body of mathematics for CAD" course project | Excellent |
| 51. "CAD Hardware" course project | Excellent |
| 52. "System Analysis of Design Process" course project | Excellent |
| 53. "Structural Synthesis of Design Object" course project | Good |
| 54. "Planning and Organization of Manufacturing" course project | Excellent |
| 55. "CAD Development" course project | Excellent |
| 56. "Student research Work" course project | Good |
| 57. Academic Practice | Excellent |
| 58. Practical Training | Good |
| 59. Research Work | Excellent |
| 60. Pre-diploma Practice | Excellent |
| 61. Physical Training | Credit |
| 62. Special (military) training | Good |
| 63. Final Interdisciplinary Exam | Excellent |

Denis Smolin defended graduation work "Development and Implementation of Algorithms for Medical Diagnostics" with the mark *Excellent*.

Barnaul, June 20, 1996.

Head of the University <signature> <seal>

Dean of the Computer-Aided Manufacturing Faculty <signature>

Registrar <signature>

Registration № 997

Barnaul, Altai Territory, Russian Federation.

The twenty-fourth of November two thousand eight.

I, Viktor Mikhailovich Glukhovchenko, notary of the Barnaul Notarial District, , certify that the copy is identical to the original document. The latter does not contain any erasures, additions, stroked out words or other specified corrections or peculiarities.

Registration number: No. 5-9484

Toll: 100.00 rubles

Notary V.M. Glukhovchenko <signature>

V. M. Glukhovchenko

The official seal of V.M. Glukhovchenko, the notary, affixed.

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I, Yekaterina Pashnina, certify that I am familiar with the Russian and English languages, and that I have translated this document faithfully and accurately.