

The Ministry of Science and Higher Education of the Russian Federation

Tambov State Technical University

Curriculum

Master's Degree

27.04.04 Technical Systems Management

Direction "Systems and Means for Technological Processes Control"

Full-time (2 years)

International Professional Communication
Fundamentals of Scientific Research
Modern Problems of Management Theory
Simulation Modeling
Design of Automation and Management Systems
Technological Entrepreneurship
Business Communication and Professional Ethics
Optimal and Adaptive Management of Technological Processes
Web Technologies in Process Control
Intelligent Management Systems
Automation of Technological Processes and Productions
Industrial Networks
Mathematical Modeling of Objects and Management Systems
Mathematical and Algorithmic Support of Control Systems
Technological Programming Languages for Industrial Controllers
Means of Industrial Controllers Programming
Software and Hardware Complexes
Architecture of Integrated Hierarchical Management Systems
Training Practice
Observing Practice
Enterprise Practice
Scientific and Research Work
Technological Practice
Pre-Diploma Practice
Final State Examination
Final Qualification Project
Optional Disciplines:
Business English
Pedagogics of Higher School
Organizational and Managerial Activities