

Year
 Faculty (institute)
 Department
 Field of study
 Speciality
 Degree
 Qualification level
 Qualification

2011/2012
 Welding
 Welding Industrial Systems
 0923 Welding
 7.092302 Welding Industrial Systems
 specialist
 mechanic engineer

First Year

First Semester		Second Semester	
Title	Credits	Title	Credits
Marketing	2,0	Foreign language	3,0
Intellectual property	1,0		
Foreign language	3,0		
Equipment and technology of biological tissues welding	4,0	Labour protection	1,0
Quality monitoring	4,0	Robots, robot-technological complexes and flexible transfer lines	8,0
Welding assembling units, machines and welding lines	6,0	Electro-mechanical medical equipment	4,0
Computer aided design in welding	3,0	Computer aided design in welding	3,0
Special welding methods	3,0	Material treatment with concentrated energy flows	4,0
Automated control and monitoring of welding	2,0		
Civil defence	1,0		
Statistical methods of risk management in welding	4,0	Renovational technologies of welding and related processes	3,0
		Repairing and adjustment of welding power supplies and industrial systems	2,5
Total	33,0	Total	28,5

Second Year

First Semester		Second Semester	
Title	Credits	Title	Credits
Pregraduation practice	12,0		
Diploma project (work) performance	21,0		
Total	33,0	Total	

- humanities, social and economical courses
- professional and practical courses
- professional courses