

Year	2011/2012
Faculty (institute)	Welding
Department	Surface Engineering
Field of study	0923 Welding
Speciality	7.092303 Technology and Equipment of Restoration and Wear Resistance Increase of Machines and Constructions
Degree	
Qualification level	specialist
Qualification	mechanician engineer

### Fifth Year

First Semester		Second Semester	
Title	Credits	Title	Credits
Marketing	2,0	Foreign language	3,0
Intellectual property	1,0		
Designing of sputtering equipment complexes	4,0	Designing of sputtering equipment complexes	4,0
Surface engineering. Coating engineering	4,5	Surface engineering. Coating engineering	4,5
Civil defence	1,0	Labour protection	1,0
Quality monitoring	4,0	Technological equipment for coating production	3,0
Computer aided design in welding	3,0	Material treatment with concentrated energy flows	4,0
Special welding methods	3,0	Fundamentals of measurement and testing	4,0
		Computer aided design in welding	3,0
Statistical methods of risk management in welding	4,0	Renovational technologies of welding and related processes	3,0
		Computer aided designing	5,5
<b>Total</b>	<b>24,5</b>	<b>Total</b>	<b>35,0</b>

### Sixth Year

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

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