

Private Institution Center for Adult Education

HARTMANN &MAYER BRCKO DISTRICT BOSNIA AND HERZEGOVINA



CURRICULUM FOR EDUCATION OF STUDENTS FOR THE TITLE OF REBAR MANAGER (V DEGREE)

Brief description of the profession:

According to the drafts, a rebar manager bends, connects and install iron bars (reinforcement) which are then "poured" with a mixture of cement, gravel, water and possibly some other additives.

Prerequisite for enrollment:

Candidates for the profession of rebar managers should have a diploma in the acquired profession of skilled workers and at least two years of practice in the profession.

CURRICULUM – REBAR MANAGER		
No.	Course title	1 year
• Common educational basis		
	<ul style="list-style-type: none">Bosnian language and literatureSerbian language and literatureCroatian language and literature	60
	<ul style="list-style-type: none">Management	60
• Common basics of the profession		
	<ul style="list-style-type: none">Workplace psychology	20

• Building constructions	60
• Construction graphics and design knowledge	20
• Organization and safety at work	30
• Occupational technology	60
• Practical classes	160
Final exam	
<ul style="list-style-type: none"> • Practical work with written and oral explanation • Bosnian language and literature <li style="padding-left: 20px;">Serbian language and literature <li style="padding-left: 20px;">Croatian language and literature 	
<ul style="list-style-type: none"> • Oral exams in two professional subjects: • Building construction • Occupational technology 	

Aims of the educational program:

In addition to general goals, knowledge, skills and attitudes for personal development and further learning, the educational program enables students to acquire practical and theoretical knowledge and skills to perform reinforcement work i.e. rebar manager work:

- Acquisition of knowledge about the construction as a whole and all parts that form a whole,
- Acquiring knowledge of all works on construction preparation and building,
- Acquiring knowledge of safety at work and work in a safe way,
- Acquiring knowledge and skills for proper handling of machines , devices and tools during operation and their proper maintenance,
- Acquisition of knowledge and skills for proper installation of fittings according to technical documentation,

- Acquiring knowledge about the role of rebar managers in prefabricated and industrial construction,
- Acquiring knowledge about modern construction,
- Developing environmental awareness and personal responsibility.

Objectives of the educational program:

- They are able to participate in oral and written communication.
- They are able to participate in a group discussion.
- They are able to read and synthesize data from documents.
- They have basic mathematical knowledge necessary to understand the law, and is able to apply knowledge of life and profession.
- They have the skills of independent calculation, drawing, and measurement according to instructions as well as accuracy in work.
- They apply the acquired knowledge of a foreign language in all forms of communication.
- They apply adopted learning methods and improve new ones.
- They have the knowledge to make presentations.
- They take the responsibility for their task using their own plan to achieve set goals.
- They have the theoretical and practical knowledge needed to do the job.
- They have the appropriate computer skills to apply to find data important to the organization and work.
- They have the adequate knowledge of the construction as a whole.
- They know construction plans and perform their own work according to them.
- They have the skills to maintain the machines, devices, and equipment they use.
- They know how to work safely for themselves and the environment.
- They make and install foundations.
- They create and install reinforcement of vertical structural elements.

- They create and install reinforcement of horizontal structural elements.
- They make and install reinforcement of oblique structural elements.
- They know the process of making and installing reinforcement of complex structural elements.
- They know the role of reinforcement managers in prefabricated and industrial construction.

They know the procedures for overstressing of concrete.