

**„DZEMAL BIJEDIC“ UNIVERSITY OF MOSTAR  
FACULTY OF CIVIL ENGINEERING**

<b>Unit:</b>	<b>CONSTRUCTION ORGANIZATION</b>	<b>Subject code: 0000</b>
<b>Level:</b>	I cycle / undergraduate	
<b>Professor:</b>	Asoc. Professor Dr. Vahida Žujo	
<b>Contact details:</b>	E-mail: vahida.zujo@unmo.ba	Tel: +387 36 514-869
<b>Contact hours:</b>	Lectures per week: 3	Exercises per week: 3
<b>ECTS:</b>	6 ECTS	
<b>Unit status:</b>	Mandatory	
<b>Prerequisites:</b>	-	
<b>Synopsis:</b>	<ul style="list-style-type: none"> <li>- Introduction (concept, definition and organizational features);</li> <li>- Basic Organization Principles;</li> <li>- Characteristics of construction production;</li> <li>- Designing a construction organization;</li> <li>- Technical norms;</li> <li>- Delays and losses in the construction industry;</li> <li>- Human in production process;</li> <li>- Production planning (development of static and dynamic plans);</li> <li>- Organization of construction works;</li> <li>- Organization of construction sites (construction site scheme preparation);</li> <li>- Organization of montage works;</li> <li>- Safety at Work.</li> </ul>	
<b>Aims:</b>	Acquisition of basic and general knowledge of construction organization, theoretical and practical application.	
<b>Outcomes</b>	Upon completion of this course students will: <ul style="list-style-type: none"> <li>- Know the course of planning realization and organization of construction sites;</li> <li>- Understand all stages of project design and construction technology;</li> <li>- Assist in technical preparation of project and especially assist in construction operations.</li> </ul>	
<b>Teaching methods:</b>	Lectures, exercises	
<b>Assessment:</b>	Two seminars 2x5%; two colloquiums 2x15%; final exam 60%;	
<b>Prescribed literature:</b>	<ol style="list-style-type: none"> <li>1. A. Baldwin, D. Bordoli: A Handbook for Construction Planning and Scheduling, John Wiley &amp; Sons, Ltd., 2014.</li> <li>2. G.D. Oberlender: Project management for engineering and construction, McGraw-Hill, 2000.</li> <li>3. J.P. Lewis: Project Planning, Scheduling, and Control: The Ultimate Hands-On Guide to Bringing Projects in On Time and On Budget, McGraw-Hill, 2011.</li> </ol>	