

<b>Name subjects :</b>		<b>CONSTRUCTION MANAGEMENT</b>		
<b>Code subjects</b>	<b>Case status</b>	<b>Semester</b>	<b>Number of ECTS credits</b>	<b>Number of lessons ( weekly )</b>
PO3OG	Mandatory	YOU	6	2P+2V

**Study programs for which it is organized :** Polytechnic , general studies

**Conditionality other Subjects :** None.

**Idea studies subjects :** Develop ability at students to understand basic calculations in construction . Present students how is it calculated price costs one project , and to meet them with basic concept elementary economic analysis . Next , get to know who are they all participants process construction one project and legal the framework in which it all takes place .

**Goals studies subjects :** Enable students to understand principles , basic concept and methodology engineering economics ; then basic characteristics construction industries and products ; to get to know each other with basic criteria classifications costs and meet importance calculation in construction and thus principles basic economic analysis ; further to get to know each other with by bill of quantities and by estimate works and elementary calculations in construction ..

**Outcomes learning :** A student who successfully overcome this one subject , will be able to :

1. Understands basic principles organizations construction ;
2. In the know basic classifications costs , with focus on two classifications according to possibilities product bindings and how they behave in a relationship on level activities / production ;
3. R relationships basics calculation and is introduced to concept point profitability ;
4. R relationships complexity realizations one construction project ;
5. Independently works calculations in the preliminary measure on basis standards in construction .

**Name and last name teacher and Associate :** Dr. Andrija Radoman

**Teaching method and overcoming materials :** lectures , exercises .

#### WORK PLAN

**Sunday :** Name methodological unit for lectures (P), exercises (V) and others teaching contents (O); Planned shape checks knowledge (Pz)

<b>Preparatory Sunday</b>		Introduction , preparation and enrollment semester .
<b>And Sunday</b>	<b>P/V</b>	Introduction to engineering economy - Why is it important ? Why is it needed? engineers ? Principles of engineering economics and engineering phases economic analysis .
<b>II</b>	<b>P/V</b>	Civil engineering - basic characteristics and specificities ; Cost , payment , expense ; Species costs ; Fixed and variable costs , Direct and indirect expenses ;
<b>III</b>	<b>P/V</b>	Work factor and manager factor ; Calculation factor
<b>IV</b>	<b>P/V</b>	Types price ( price costs and sales price ); Elementary economic analysis ..
<b>V</b>	<b>P/V</b>	Breakthrough analysis points ; ( Homework 1).
<b>VI</b>	<b>P/V</b>	Elementary economic analysis
<b>VII</b>	<b>PZ</b>	<b>Colloquium .</b>
<b>VIII</b>	<b>P/V</b>	Organization construction and principles estimates costs in construction ; Planning Act space and construction objects .
<b>IX</b>	<b>P/V</b>	CC of construction facility , Decision on the fee for communal services furnishing construction land and settlement . .
<b>X</b>	<b>P/V</b>	Assessment costs from sides contractor works ; Quantity survey and estimate works ; Calculation and standardization works .
<b>XI</b>	<b>P/V</b>	Calculation prices positions and necessary working smudges and materials by position , application norms in calculation ; ( Homework 2)
<b>XII</b>	<b>P/V</b>	Renewal crossed materials .
<b>XIII</b>	<b>PZ</b>	<b>Final exam .</b>
<b>XIV</b>		Verification semester and enrollment rating
<b>XV</b>		<b>Correctional exam deadline</b>

**Obligations student in progress classes :** lectures , exercises , homework task

**Email consultations :** YES

#### Load student

<p>Sunday 6 credits x 40/ 30 = 8 hours</p> <p>2 hours lectures 2 hours exercises 4 hours independent work, including consultations .</p>	<p>in the semester Total load for the subject 6x30 = 180h Structure : Teaching and closing exam : 8h x 16 weeks = 128h Necessary preparations ago beginning semester ( administration , enrollment , verification ) : 8hx2=16h Additional preparation work and laying remedial exam time : 0-36h</p>
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#### Literature :

- Engineering Economy - William G. Sullivan and others ;
  - Calculations in construction - Slavko Savić;
  - Simple price list service ( scripts – mail/ copying ) : Croatian Chamber architects and Civil Engineer "ARCHITECT CLASS" Zagreb, 2005 ;
  - Norms and work standards in construction ( scripts – mail/ copier ) : "VODOPRIVREDA DOO NOVIGRAD".
- Planning Act space and construction objects (mail) - (" Official Gazette of Montenegro ", No. 064/17 of 06.10.2017, 044/18 of 06.07.2018, 063/18 of 28.09.2018);
- Decision - on compensation for communal services furnishing construction land Capital City Podgorica (mail) - (" Official Gazette of Montenegro - municipal regulations ", No. 009/18 of 20.03.2018)
  - Economics construction and basis management , Erika Malešević ( copying office )

**Shapes checks knowledge and evaluation :**

Domestic assignments 20%, midterm exam 40% and exam 40%.

<b>Rating</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Number penalty</b>	<b>90-100</b>	<b>80-89</b>	<b>70-79</b>	<b>60-69</b>	<b>50-59</b>