COURSE: BIM FOR ENGINEERS

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Main topics:
- BIM approach in modelling
- Making of 3D BIM model according to 2D drawings
- Generating plans from 3D BIM model
- Making work form plans
- 3D reinforcing in Allplan
- Export material quantities from 3D BIM model
- Automatic reinforcement display
- Bimplus platform – interoperability and collaboration with other occupational groups

Programme structure:
- 5-day course
- On the 1st and 5th day lecture is organized for all participants together
- Every student gets recorded education and printed materials

Important dates:
Course dates: 31/08/2020 – 04/09/2020
 Deadline for application: 01/07/2020
Payment due by: 30/07/2020
Confirmation of the course: 15/07/2020

Price of the course: 270 € (tax included)

Programme plan:

1.DAY
Introduction to BIM approach in construction and basics of BIM standardization, Employer's Information Requirements – EIR, BIM Execution Plan – BEP. Introduction to basic features of Allplan software. Creating project and content
processing of the interface. Explanation of the terms „structure“ and „blueprint“. Definition of structures for BIM projecting.

2.DAY
Modelling and attributes defining specific architectural elements; wall, beam, panel, openings, lintel, staircase. Explanation of the concept of defining the height settings of components, custom planes, managing the planes and layers. Level copying.

3.DAY

4.DAY
Explanation of the term “3D reinforcement” and organization of the drawing for the purpose of reinforcing. Making of reinforcement plans for beams and panels and setting up a series of bars and nets. Reinforcement of openings and irregular elements. Associative reinforcing bar legends, reinforcement reports, reinforcement schema. Making of form work plan including automatic elements description.

5.DAY
BIM collaboration and Allplan communication with other software in interoperable and collaborative BIM surrounding as well as introduction with Common Data Environment – CDE through Bimplus and Bluebeam. Marking up collisions and giving tasks to various participants in collaborative BIM surrounding.

Programme lecturers:
• Gianmarco Ćurčić Baldini, dia. (CEO of Baldinistudio d.o.o. Zagreb)
• Matea Žderić, mag.ing.aedif (BIM trainer & Allplan specialist – Baldinistudio d.o.o. Zagreb)