

COURSE CERTIFICATE

№ 02BIM-0124-1

Date of issue 05/06/2024

This is to certify that

Абакумов Всеволод Николаевич

Successfully completed the course

BIM: FROM SKETCH TO DIGITAL TWIN

2 credits

The description of the course and the achieved learning results are given in the appendix to this certificate.

E-CERTIFICATE

<https://open.spbstu.ru/certificate/02BIM-0124-1.pdf>



Vice-rector for academic affairs
Ludmila V. Pankova

Абакумов Всеволод Николаевич

STUDENT ID 41538

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<http://www.spbstu.ru/>

THE NAME OF THE COURSE BIM: FROM SKETCH TO DIGITAL TWIN
<https://openedu.ru/course/spbstu/BIM/>

LEAD-TIME

From February 26, 2024 to May 26, 2024

Assessment, number of hours and credits per course

Credits	Hours		Assessment		
	General	Academic	100-point	5-point	Letter
2	54	72	91	5	A

GRADING POLICY

Evaluation scale ranges (100-point scale)	Score (5-point scale)	Letter
90-100	5	A
75-89	4	B
60-74	3	C
0-59	2	F

COURSE PROGRAM

1. BIM Concept
2. Building Information Modeling
3. Basic work with BIM-Information
4. Coordination, Management and Quality Control
5. Advanced BIM tools
6. Digital twins of buildings

LEARNING OUTCOMES

At the end of the course you will be able to:

- know the concept of BIM from sketch to digital twin;
- create topoplan using Toposurface in Massing&Site and to work with the building systems using MEP families;
- create schedules for different purposes and make material schedule using Material Takeoff tool;
- manage and to control BIM project;
- know how to use Revit cloud work-sharing service, where designers can organize collaboration through BIM 360.

SCORING FORMULA

№	Assessment Type	Points scored	Maximum score	Quotient
1	Test. Module 1	100	100	0,10
2	Test. Module 4	80	100	0,10
3	Test. Module 6	90	100	0,10
4	Practice 1	100	100	0,15
5	Practice 2	100	100	0,15
6	Practice 3	100	100	0,15
7	Final Exam	75	100	0,25
8	Final Score	91	100	1



Appendix to the certificate №
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