



Based on the Article 174 of the General Administrative Procedure Law, in compliance with the Article 116 of the Statute of the "St. Cyril and Methodius" University and Article 45, Item 11 of the Rulebook of the Faculty of Civil Engineering – Skopje, upon the request of **Kovachka Slobodan Aneta**, the Dean of the Faculty of Civil Engineering issues this

CERTIFICATE

Person, **Kovachka Slobodan Aneta**, index no. **8648**, has successfully completed the first cycle of studies at the Faculty of Civil Engineering in Skopje, ECTS – civil engineering, Structural division.

During her studies the above mentioned student had passed the following courses:

Course title	hours/ week	mark	credits
1. German language 1	2+2	10 (ten)	4
2. German language 2	2+2	10 (ten)	4
3. Mathematics I	4+4	10 (ten)	9
4. Physics	3+1	9 (nine)	5
5. Descriptive geometry	2+3	7 (seven)	6
6. Informatics	2+3	10 (ten)	6
7. Structures in civil engineering	3+3	10 (ten)	6
8. Statics	4+3	10 (ten)	7
9. Engineering geology	3+1	10 (ten)	4
10. Mathematics II	4+4	9 (nine)	9
11. CAD-oriented software	2+2	10 (ten)	4
12. Sociology	2+2	10 (ten)	4
13. Numerical methods in civil engineering	2+2	10 (ten)	4
14. Kinematics and dynamics	3+3	10 (ten)	5
15. Geodesy	3+3	10 (ten)	6
16. Strength of materials	4+3	9 (nine)	7
17. Fluid mechanics	3+3	9 (nine)	7
18. Construction materials	3+1	9 (nine)	5
19. Technology of concrete	2+2	8 (eight)	4
20. Soil mechanics	3+4	10 (ten)	7
21. Static analysis of linear structures	3+3	9 (nine)	7
22. Reinforced concrete	3+4	8 (eight)	7
23. Basics of steel structures	3+3	10 (ten)	7
24. Water supply and sewerage	3+2	9 (nine)	5
25. Elasticity and ultimate capacity of structures	3+3	10 (ten)	6

26. Roads	3+2	10 (ten)	5
27. Railways	3+2	10 (ten)	5
28. Theory of plates and shells	3+2	10 (ten)	5
29. Basics of timber structures	3+3	9 (nine)	5
30. Hydro-technical structures	3+2	9 (nine)	5
31. Steel structures in building design	3+3	10 (ten)	5
32. Foundations	3+2	10 (ten)	5
33. Reinforced Concrete Bridges	3+4	9 (nine)	6
34. Prestressed concrete	3+2	10 (ten)	5
35. Dynamics of structures	3+3	9 (nine)	6
36. Finite element method and modeling	3+2	7 (seven)	5
37. Physics in civil engineering	2+2	10 (ten)	4
38. Cable structures	2+2	8 (eight)	4
39. Masonry structures	2+2	9 (nine)	4
40. Aseismic design	2+2	10 (ten)	4
41. Testing of Structures	2+1	10 (ten)	3
42. Steel Bridges	3+2	9 (nine)	4
43. Reinforced Concrete Structures	3+2	8 (eight)	5
44. Organization and mechanization	4+2	10 (ten)	6
45. Diploma work	0+4	successful viva	4

Including number **45**, the average mark is **9.38***, and the total number of credits is **240**.

* passing grades from 6 to 10, 9 (nine).

The numerical grading system, compared to the grading system according to ECTS is as follows:

10 (ten) = A

9 (nine) = B

8 (eight) = C

7 (seven) = D

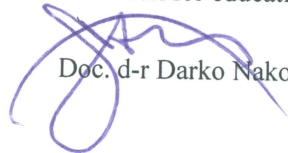
6 (six) = E

The above comparison is according to the Article 254 of the Statute of the Sts. Cyril and Methodius University in Skopje.

16.05.2017

Vice-dean for education,

Doc. d-r Darko Nakov




Dean,

Prof. d-r Darko Moslavac

