



Concrete and Masonry Structures 3: 133CM03 (2+2)
Winter term 2016/2017

Schedule of lectures:

n.	Content	Lecturer
1	Prestressed concrete – principles, design of prestressing	Foglar
2	Loading of bridges according to EN 1991-2, , older prestressed concrete design principles	Drahorád
3	Prestressed concrete – losses of prestressing	Foglar
4	Prestressed concrete – SLS and ULS assessment	Foglar
5	Prestressed concrete – un-bonded prestressing	Foglar
6	Prestressed concrete – creep effects	Foglar
7	Torsion, shear & torsion interaction	Foglar
8	Slender compressed elements, second order effect	Foglar
9	Shells and membranes 1	Drahorád
10	Shells and membranes 2	Drahorád
11	Shells and membranes 3	Drahorád
12	Prestressed concrete – examples of application	Foglar
13	Concluding lecture	Foglar