Civil Engineering - Joint (CIVJ)

Civil Engineering - Joint (CIVJ) Courses
CIVJ 5000 [0.5 credit] (CVG 5100)
Deep Foundations
CIVJ 5003 [0.5 credit]
Dam Engineering
CIVJ 5005 [0.5 credit]
Adsorption Separation Process
CIVJ 5006 [0.5 credit] (CVG 5106)
Site Improvements
CIVJ 5008 [0.5 credit] (CVG 5108)
Pile Dynamics
CIVJ 5102 [0.5 credit]
Behaviour of Soil and Rock
CIVJ 5104 [0.5 credit]
Soil Plasticity
CIVJ 5105 [0.5 credit] (CVG 5175)
Numerical Methods for Geotechnical Engineering
CIVJ 5106 [0.5 credit] (CVG 5161)
Mechanics of Unsaturated Soils
CIVJ 5107 [0.5 credit] (CVG 5177)
Offshore Geotechnique
CIVJ 5108 [0.5 credit] (CVG 5178)
Ice Mechanics
CIVJ 5109 [0.5 credit] (CVG 5109)
Geotechnical Hazards
CIVJ 5201 [0.5 credit] (CVG 5142)
Advanced Structural Dynamics
CIVJ 5202 [0.5 credit] (CVG 5143)
Advanced Structural Steel Design
CIVJ 5203 [0.5 credit] (CVG 5145)
Theory of Elasticity
CIVJ 5204 [0.5 credit] (CVG 5147)
Theory of Plates and Shells
CIVJ 5206 [0.5 credit] (CVG 5150)
Advanced Concrete Technology
CIVJ 5209 [0.5 credit] (CVG 5153)
Wind Engineering
CIVJ 5300 [0.5 credit] (CVG 5144)
Advanced Reinforced Concrete Design
CIVJ 5301 [0.5 credit] (CVG 5156)
Finite Element Methods I
CIVJ 5302 [0.5 credit] (CVG 5146)
Numerical Methods of Structural Analysis
CIVJ 5303 [0.5 credit] (CVG 5157)
Finite Element Methods II
CIVJ 5304 [0.5 credit] (CVG 5149)
Structural Stability
CIVJ 5305 [0.5 credit] (CVG 5148)
Prestressed Concrete Design
CIVJ 5306 [0.5 credit] (CVG 5155)
Earthquake Engineering
CIVJ 5307 [0.5 credit] (CVG 5158)
Elements of Bridge Engineering
CIVJ 5308 [0.5 credit] (CVG 5154)
Random Vibrations
CIVJ 5309 [0.5 credit] (CVG 5159)
Long Span Structures
Includes: Experiential Learning Activity
CIVJ 5310 [0.5 credit] (CVG 5311)
Bridge Design
CIVJ 5311 [0.5 credit] (CVG 5312)
Durability of Concrete Structures
CIVJ 5312 [0.5 credit] (CVG 5313)
Seismic Analysis and Design of Concrete Structures
Includes: Experiential Learning Activity
CIVJ 5500 [0.5 credit]
Deep Foundations
CIVJ 5501 [0.5 credit] (CVG 5111)
Hydraulic Structures
CIVJ 5502 [0.5 credit] (CVG 5112)
Computational Hydrodynamics
CIVJ 5503 [0.5 credit] (CVG 5160)
Sediment Transport
CIVJ 5504 [0.5 credit] (CVG 5162)
River Hydraulics
CIVJ 5506 [0.5 credit] (CVG 5120)
Water Resources Systems
Includes: Experiential Learning Activity
CIVJ 5508 [0.5 credit]
Groundwater and Seepage
CIVJ 5509 [0.5 credit] (CVG 5123)
Advanced Topics in Hydrology
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Summer session: some of the courses listed in this Calendar are offered during the summer. Hours and scheduling for summer session courses will differ significantly from those reported in the fall/winter Calendar. To determine the scheduling and hours for summer session classes, consult the class schedule at central.carleton.ca

Not all courses listed are offered in a given year. For an up-to-date statement of course offerings for the current session and to determine the term of offering, consult the class schedule at central.carleton.ca