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
CIVJ 5601 [0.5 credit] (CVG 5125)
Statistical Methods in Hydrology

CIVJ 5602 [0.5 credit] (CVG 5126)
Stochastic Hydrology

CIVJ 5603 [0.5 credit] (CVG 5127)
Hydrologic Systems Analysis

CIVJ 5604 [0.5 credit] (CVG 5128)
Water Resources Planning and Policy

CIVJ 5605 [0.5 credit] (CVG 5124)
Coastal Engineering

CIVJ 5606 [0.5 credit] (CVG 5131)
River Engineering

CIVJ 5607 [0.5 credit]
Irrigation and Drainage

CIVJ 5803 [0.5 credit] (CVG 5119)
Computational Hydraulics

CIVJ 5901 [0.5 credit]
Unit Op of Water Treatment

CIVJ 5904 [0.5 credit]
Water and Wastewater Labs

CIVJ 5905 [0.5 credit]
Water and Wastewater Proc

CIVJ 5906 [0.5 credit]
Solid Waste Disposal

CIVJ 5907 [0.5 credit]
Chemistry of Enviro Engin

CIVJ 6000 [0.5 credit] (CVG 6300)
Special Topics in Civil Engineering

CIVJ 6001 [0.5 credit] (CVG 6301)
Special Topics in Civil Engineering

CIVJ 6002 [0.5 credit] (CVG 6302)
Special Topics in Civil Engineering

CIVJ 6003 [0.5 credit] (CVG 6303)
Special Topics in Civil Engineering

CIVJ 6004 [0.5 credit] (CVG 6304)
Special Topics in Civil Engineering

CIVJ 6005 [0.5 credit] (CVG 6305)
Special Topics in Civil Engineering

CIVJ 6006 [0.5 credit] (CVG 6306)
Special Topics in Civil Engineering

CIVJ 6007 [0.5 credit] (CVG 6307)
Special Topics in Civil Engineering

CIVJ 6008 [0.5 credit] (CVG 6308)
Special Topics in Civil Engineering

CIVJ 6009 [0.5 credit] (CVG 6309)
Special Topics in Civil Engineering

CIVJ 6010 [0.5 credit] (CVG 6310)
Special Topics in Civil Engineering

CIVJ 6011 [0.5 credit] (CVG 6311)
Special Topics in Civil Engineering

CIVJ 6012 [0.5 credit] (CVG 6312)
Special Topics in Civil Engineering

CIVJ 6013 [0.5 credit] (CVG 6313)
Special Topics in Civil Engineering

CIVJ 6014 [0.5 credit] (CVG 6314)
Special Topics in Civil Engineering

CIVJ 6015 [0.5 credit] (CVG 6315)
Special Topics in Civil Engineering

CIVJ 6016 [0.5 credit] (CVG 6316)
Special Topics in Civil Engineering

CIVJ 6017 [0.5 credit] (CVG 6317)
Special Topics in Civil Engineering

CIVJ 6018 [0.5 credit] (CVG 6318)
Special Topics in Civil Engineering

CIVJ 6019 [0.5 credit] (CVG 6019)
Special Topics in Civil Engineering

CIVJ 6020 [0.5 credit] (CVG 6320)
Special Topics in Civil Engineering

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