

CE PRACTICUM SCHEDULE - Preliminary

\aPrelimSyllabus0518_2010

Civil, Construction & Environmental Engineering Summer Practicum www.ce.ncsu.edu/practicum/**Department of Civil, Construction, and Environmental Engineering****North Carolina State University, Raleigh, NC 27695-7908****July 19 to August 6, 2010**

- All Practicum classes meet in Mann Hall, Room 415 unless otherwise noted below.
- Morning start times are 9:00 am; lunch time is at noon; and afternoon classes start at 2:00 pm.
- Field trips and labs require closed-toe shoes & long pants. Goggles & hardhats will be supplied.
- Students are graded on class assignments, lab reports, exercises & participation.

Date	Instructor	Activity
<i>Jul 17, 18</i>	<i>Stone</i>	<i>RDU Arrivals Check-in, University Towers</i>
Jul 19, 9 am 2 pm	Stone Stone Matzen	Registration (McKimmon Center) Welcome & Introductions (Mann Hall, Room 415) Graduate degree opportunities at NCSU
Jul 20, 9 am 2 pm	Ott Ott	Highway Capacity Analysis Methods & examples
Jul 21, 9 am 2 pm	Ott Williams	Intersection Analysis & Control Methods & examples
Jul 22, 9 am 2 pm	Williams Williams	Advanced Traffic Control Systems Site Visit: NCDOT Traffic Management Center (depart from UT)
Jul 23, 9 am 2 pm	Leming Leming	Construction Engineering Non-destructive concrete evaluation.
<i>Jul 24, Sat</i>		<i>Free time</i>
<i>Jul 25, Sun</i>		<i>Free time</i>
Jul 26, 9 am 2 pm	Sumner Morera	Concrete Design Concrete Lab (wear closed-toe shoes, jeans & work shirt)
Jul 27, 9 am 2 pm	Nunez Nunez	Construction Engineering Construction methods
Jul 28, 9 am 2 pm	Lewis Lewis	Construction Management Finance and cash flow management
Jul 29, 9 am 2 pm	Johnston Johnston	Construction Lab Methods & Tools
Jul 30, 9 am 1:30 pm	Johnston Johnston	Construction Lab Site Visit: Construction (depart from UT)
<i>Jul 31, Sat</i>	<i>11 am – 5 pm</i>	<i>Picnic</i>
<i>Aug 1, Sun</i>		<i>Free time</i>
Aug 2, 9 am 1:30 pm	Aziz Aziz	Environmental Engineering Site Visit: Municipal water plant (depart from UT)
Aug 3, 9 am 1:30 pm	DeCarolis DeCarolis	Environmental Engineering , Site Visits: NCSU Solar House, Raleigh Recycling Plant
Aug 4, 9 am 1:30 pm	Arumugam Arumugam	Water Resources Hydrologic data collection and analyses in water management
Aug 5, 9 am 2 pm	Arumugam Parish	Site Visit: Water Management Geotechnical Engineering , MSE wall design
Aug 6, 9 am 2 pm	Sumner, Morera Stone	Concrete Analysis & Testing Closing Ceremonies
<i>Aug 7, 8</i>	<i>Stone</i>	<i>Checkout of University Towers, RDU departures</i>

Contact Information:

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NCSU Police & Emergencies 919.515.3333	Raleigh Police & Emergencies Dial 911	
University Towers 111 Friendly Drive, Raleigh, NC 27607 919.327.3800	Dept. of Civil, Construction & Environmental Engr. NCSU Mann Hall 919.515.233; 919.515.3840	
NCSU Student Health Services Monday–Friday, 8 am – 5 pm 2815 Cates Avenue 919.515.2563 (Corner of Cates & Dan Allen Dr.)	Rex Hospital & Emergency Room 2500 Blue Ridge Rd, Raleigh, NC 919.784.3100 (Hillsborough St west to Blue Ridge Rd, turn right to Rex Hospital)	NCSU carries insurance for minor sickness & accidents on Practicum participants. Report accidents & illnesses & give medical receipts to Prof. Stone.

Notes:

- **For site visits everyone must wear long pants and closed-toe shoes (no sandals). Hard hats, vests and goggles will be available if needed.**
- Except for sickness and accident insurance noted above students participate in Practicum activities including field trips at their own risk.
- NCSU Student Health Services (corner of Dan Allen Drive and Cates Avenue) provides outpatient medical care during normal business hours. Be prepared to pay the bill at the Health Center. Keep receipts and return them to Professor Stone for insurance reimbursement.
- At night and on weekends urgent medical care can be obtained at a local hospital emergency room. The closest hospital to NCSU is Rex Hospital. For a medical emergency during a field trip go to the nearest hospital. Pay bills, keep receipts and return receipts to Professor Stone for insurance reimbursement.