

**CE PRACTICUM SCHEDULE - Sample**

**Civil, Construction & Environmental Engineering Summer Practicum** [www.ce.ncsu.edu/practicum/](http://www.ce.ncsu.edu/practicum/)  
**Department of Civil, Construction, and Environmental Engineering**  
**North Carolina State University, Raleigh, NC 27695-7908**

- 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; afternoon classes start at 2:00 PM.
- Field trips and labs require closed-toe shoes and long pants. Goggles and hardhats will be supplied.
- Students are graded on class assignments, lab reports, exercises and participation.

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