Civil Engineering (BS)

Civil Engineering Degree

The Civil Engineering curriculum provides academic discipline in mathematics, the physical sciences, and the technical aspects of civil engineering. Upon mastering the fundamental principles of engineering mechanics, the student builds additional breadth in several of the civil engineering disciplines such as coastal and water resources, computing and systems, construction, environmental, geotechnical, materials, structural, and transportation engineering. Students learn to include principles of sustainability in civil infrastructure designs and develop skills in communication, leadership, and professional ethics.

Specific curriculum requirements are available on the Office of Undergraduate Courses and Curricula website (https:// oucc.dasa.ncsu.edu/).

Educational Objectives in Civil Engineering

Within a few years of graduation, alumni of the Civil Engineering program will:

- 1. Function successfully in a professional environment by utilizing and enhancing their leadership, technical, critical thinking, and communication skills.
- 2. Develop lifelong learning skills through graduate or other professional education and obtaining licensure where appropriate.
- 3. Function in team-oriented, multidisciplinary open-ended engineering activities considering the societal, economic, public health, and environmental impacts of engineering decisions, and the professional and ethical responsibilities of civil engineers.
- 4. Promote organizational success with consideration of cost and time management while practicing and promoting ethical behavior and stewardship of a sustainable environment.

Plan Requirements

First Year		
Fall Semester		Hours
CH 101	Chemistry - A Molecular Science ¹	3
CH 102	General Chemistry Laboratory ¹	1
E 101	Introduction to Engineering & Problem Solving ²	1
E 115	Introduction to Computing Environments	1
MA 141	Calculus I ¹	4
ENG 101	Academic Writing and Research ²	4
	rcise Studies (http://catalog.ncsu.edu/ ategory-requirements/gep-health-exercise-	1
	Hours	15
Spring Semester		
MA 241	Calculus II ¹	4
PY 205 & PY 206	Physics for Engineers and Scientists I and Physics for Engineers and Scientists I Laboratory ¹	4
	5	
Select one of the follo	owing Economics Courses:	3

	Introduction to Agricultural & Resource Economics	
EC 201	Principles of Microeconomics	
EC 205	Fundamentals of Economics	
E 102	Engineering in the 21st Century	2
GEP Requirement category-requirement	(http://catalog.ncsu.edu/undergraduate/gep- ents/)	3
	Hours	16
Second Year		
Fall Semester		
CE 214	Engineering Mechanics-Statics ²	3
CE 250 or CE 263	Introduction to Sustainable Infrastructure (Footnote 2 for either course) ² or Introduction to Construction Engineering	3
TDE 220	Civil Engineering Graphics	3
MA 242	Calculus III	4
CSC 111	Introduction to Computing: Python	3
	Hours	16
Spring Semester		
CE 225	Mechanics of Solids ²	3
CE 282	Hydraulics ²	3
MA 305	Introductory Linear Algebra and Matrices	3
or MA 341	or Applied Differential Equations I	
MSE 200	Mechanical Properties of Structural Materials	3
PY 208	Physics for Engineers and Scientists II	3
PY 209	Physics for Engineers and Scientists II Laboratory	1
	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise-	1
undergraduate/gep	kercise Studies (http://catalog.ncsu.edu/	1
undergraduate/gep	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise-	
undergraduate/gep studies/)	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise-	
undergraduate/gep studies/) Third Year	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise-	
undergraduate/gep studies/) Third Year Fall Semester CE 332	 kercise Studies (http://catalog.ncsu.edu/ category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations 	17
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342	 kercise Studies (http://catalog.ncsu.edu/ category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations 	17 4
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the fo	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations	17 4
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305	Kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations bllowing: Introduction to Transportation Systems	17 4
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations billowing: Introduction to Transportation Systems Reinforced Concrete Design	17 4
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327 CE 339	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations bllowing: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems	17 4
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327 CE 339 CE 383	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations bllowing: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems	17 4 3
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327 CE 339 CE 339 CE 383 CE Junior Elective ST 370	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations bllowing: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems (p. 2) Probability and Statistics for Engineers (http://catalog.ncsu.edu/undergraduate/gep-	17 4 3 3
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327 CE 339 CE 339 CE 383 CE Junior Elective ST 370 GEP Requirement	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations bllowing: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems (p. 2) Probability and Statistics for Engineers (http://catalog.ncsu.edu/undergraduate/gep-	17 4 3 3 3
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327 CE 339 CE 339 CE 383 CE Junior Elective ST 370 GEP Requirement	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations Normal Statistics Sollowing: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems (p. 2) Probability and Statistics for Engineers (http://catalog.ncsu.edu/undergraduate/gep- ents/)	17 4 3 3 3 3 3
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 305 CE 327 CE 339 CE 383 CE Junior Elective ST 370 GEP Requirement category-requirement	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations Normal Statistics Sollowing: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems (p. 2) Probability and Statistics for Engineers (http://catalog.ncsu.edu/undergraduate/gep- ents/)	17 4 3 3 3 3 3
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327 CE 327 CE 339 CE 383 CE Junior Elective ST 370 GEP Requirement category-requirement	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations of Engineering Behavior of Soils and Foundations Illowing: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems (p. 2) Probability and Statistics for Engineers (http://catalog.ncsu.edu/undergraduate/gep- ents/) Hours	17 4 3 3 3 3 3 16
undergraduate/gep studies/) Third Year Fall Semester CE 332 or CE 342 Select one of the for CE 305 CE 327 CE 339 CE 383 CE Junior Elective ST 370 GEP Requirement category-requirement category-requirement CE 332	kercise Studies (http://catalog.ncsu.edu/ -category-requirements/gep-health-exercise- Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations Note: Introduction to Transportation Systems Reinforced Concrete Design Civil Engineering Systems Hydrology and Urban Water Systems (p. 2) Probability and Statistics for Engineers (http://catalog.ncsu.edu/undergraduate/gep- ents/) Hours Civil Engineering Materials or Engineering Behavior of Soils and Foundations	17 4 3 3 3 3 3 16

1

	Total Hours	126
	Hours	15
GEP Requirement category-requirement	(http://catalog.ncsu.edu/undergraduate/gep- ents/)	3
category-requireme	,	3
CE 420 or CE 450	Structural Engineering Project or Civil Engineering Project	3
CE Senior Desig	gn Elective (p. 5)	
CE Senior Elect		
Select one from the		3
CE Senior Desig	gn Elective (p. 5)	
CE Senior Elect		
Select one from the	e following: ³	3
Spring Semester	nours	15
category-requireme		15
GEP Requirement	Technology (http://catalog.ncsu.edu/undergraduate/gep-	3
COM 110 or ENG 331	Public Speaking or Communication for Engineering and	3
Senior Elective (p.	3)	3
CE Senior Desig	gn Elective (p. 5)	
CE Senior Elect	ive (p. 3)	
Select one from the	e following: ³	3
CE Senior Desig	gn Elective (p. 5)	
CE Senior Elect	ive (p. 3)	
Select one from the	e following: ³	3
Fall Semester		
Fourth Year		
	Hours	16
MAE 208	Engineering Dynamics	
MAE 201	Thermal-Fluid Sciences	
ECE 331	Principles of Electrical Engineering	0
	bllowing Engineering Science Electives:	3
Basic Science Elec	· · · · · · · · · · · · · · · · · · ·	3
CE Junior Elective		3
CE 383	Hydrology and Urban Water Systems	
CE 339	Civil Engineering Systems	
CE 327	Reinforced Concrete Design	

 A grade of C or higher is required.
 A grade of C- or higher is required.
 A minimum of two CE Senior Design Electives are required for graduation. These courses should be in two different areas as defined in the CE Worksheet.

Code	Title	Hours	Counts towards
GEP Courses			
0	s (http:// lu/undergraduate/ equirements/gep-	6	

GEP Social Sciences (http:// catalog.ncsu.edu/undergraduate/ gep-category-requirements/gep- social-sciences/)	3
GEP Health and Exercise Studies (http://catalog.ncsu.edu/ undergraduate/gep-category- requirements/gep-health-exercise- studies/)	2
GEP Elective (http:// catalog.ncsu.edu/undergraduate/ gep-category-requirements/)	3
GEP Interdisciplinary Perspectives (http://catalog.ncsu.edu/ undergraduate/gep-category- requirements/gep-interdisciplinary- perspectives/)	3
GEP Global Knowledge (http:// catalog.ncsu.edu/undergraduate/ gep-category-requirements/ gep-global-knowledge/) (verify requirement)	
Foreign Language Proficiency (verify requirement)	
Total Hours	17

CE Junior Electives

Code	Title	Hours	Counts towards
CE 301	Civil Engineering Surveying and Geomatics	3	
CE 305	Introduction to Transportation Systems	3	
CE 325	Structural Analysis I	3	
CE 327	Reinforced Concrete Design	3	
CE 339	Civil Engineering Systems	3	
CE 367	Mechanical and Electrical Systems in Buildings	3	
CE 373	Fundamentals of Environmental Engineering	3	
CE 383	Hydrology and Urban Water Systems	3	

Basic Science Electives

Code	Title	Hours	Counts towards
BIO 181	Introductory	4	
	Biology: Ecology,		
	Evolution, and		
	Biodiversity		

BIO 183	Introductory Biology: Cellular and Molecular Biology	4	
FOR 260	Forest Ecology	4	
FW 221	Conservation of Natural Resources	3	
MEA 101	Geology I: Physical	3	
MEA 110	Geology I Laboratory	1	
MEA 200	Introduction to Oceanography	3	
MEA 210	Oceanography Lab	1	
SSC 200	Soil Science	3	

CE Senior Electives

Code	Title	Hours	Counts towards
CE 401	Transportation Planning	3	
CE 405	Railroad System Planning, Design, and Operation	3	
CE 435	Engineering Geology	3	
CE 437	Civil Engineering Computing	3	
CE 466	Building Construction Engineering	3	
CE 478	Energy and Climate	3	
CE 479	Air Quality	3	
CE 487	Introduction to Coastal and Ocean Engineering	3	
CE 488	Water Resources Engineering	3	
CE 501	Transportation Planning	3	
CE 505	Railroad System Planning, Design, and Operation	3	
CE 578	Energy and Climate	3	
MEA 479	Air Quality	3	
Junior Elective n	ot previously used		
CE Senior Desig previously used	n Elective not		

Senior Electives

Code	Title	Hours	Counts towards
ARC 521	Daylighting and Passive Energy Systems for Architecture	3	
ARC 522	Building Energy Efficiency & Renewable Energy	3	
ARC 523	Building Energy Modeling and Simulation	3	
CE 401	Transportation Planning	3	
CE 402	Traffic Operations	3	
CE 403	Transportation System Design	3	
CE 405	Railroad System Planning, Design, and Operation	3	
CE 425	Advanced Structural Analysis	3	
CE 464	Legal Aspects of Contracting	3	
CE 468	Building Information Modeling in Construction	3	
CE 478	Energy and Climate	3	
CE 488	Water Resources Engineering	3	
CE 499	Undergraduate Research Thesis in Civil, Construction and Environmental Engineering	1-3	
CE 501	Transportation Planning	3	
CE 502	Traffic Operations	3	
CE 503	Transportation System Design	3	
CE 504	Airport Planning and Design	3	
CE 505	Railroad System Planning, Design, and Operation	3	

CE 507	Sensors, Instrumentation,	3		and Data Analysis	
	and Data Analytics for Transportation		CE 561	Construction Project Management	3
CE 509	Networks Highway Safety	3	CE 562	Lean	3
CE 515	Advanced Strength of	3		Construction Concepts and Methods	
CE 522	Materials Theory and	3	CE 564	Legal Aspects of Contracting	3
	Design Of Prestressed Concrete		CE 565	Construction Safety Management	3
CE 523	Theory and Behavior Of Steel Structures	3	CE 567	Risk and Financial Management in	3
CE 524	Analysis and Design Of Masonry	3	CE 568	Construction Building Information	3
CE 525	Structures Advanced	3		Modeling in Construction	
CE 526	Structural Analysis Finite Element	3	CE 571	Physical Principles of Environmental	3
CE 520	Method in Structural	3	CE 573	Engineering Biological	3
CE 527	Engineering Structural Dynamics	3		Principles of Environmental Engineering	
CE 528	Structural Design in Wood	3	CE 574	Chemical Principles of	3
CE 529	FRP Strengthening	3		Environmental Engineering	
	and Repair of Concrete Structures		CE 576	Engineering Principles Of Air Pollution Control	3
CE 530	Properties of Concrete and Advanced Cement-Based	3	CE 577	Engineering Principles Of Solid Waste Management	3
CE 536	Composites Introduction	3	CE 578	Energy and Climate	3
	to Numerical Methods for Civil Engineers	5	CE 579	Principles of Air Quality Engineering	3
CE 537	Computer Methods and Applications	3	CE 581	Fluid Mechanics in Natural Environments	3
CE 538	Information Technology and Modeling	3	CE 582 CE 583	Coastal Hydrodynamics	3
CE 548	Engineering Properties Of Soils I	3	OE 303	Engineering Aspects Of Coastal Processes	5
CE 549	Soil and Site Improvement	3	CE 584	Hydraulics Of Ground Water	3
CE 557	Engineering Measurement	3			

CE 585	Principles of Surface Water Quality Modeling	3
CE 586	Engineering Hydrology	3
CE 588	Water Resources Engineering	3
CE 590	Special Topics In Civil Engineering	1-6
CE 591	Special Topics in Civil Engineering Computing	1-6
CE 592	Special Topics in Construction Engineering	1-6
CE 593	Special Topics in Geotechnical Engineering	1-3
CE 594	Special Topics in Structures and Mechanics	1-6
CE 595	Special Topics in Transportation Engineering	1-6
CE 596	Special Topics in Water Resource and Environmental Engineering	1-6
FB 528	Structural Design in Wood	3
MA 302	Numerical Applications to Differential Equations	1
MA 305	Introductory Linear Algebra and Matrices	3
MA 315	Mathematics Methods in Atmospheric Sciences	4
MA 351	Introduction to Discrete Mathematical Models	3
MAE 440	Non-Destructive Testing and Evaluation	3

CE Senior Design Electives

Code	Title	Hours	Counts towards
CE 402	Traffic Operations	3	
CE 403	Transportation System Design	3	
CE 413	Principles of Pavement Design	3	

CE 426	Structural Steel Design	3
CE 443	Seepage, Earth Embankments and Retaining Structures	3
CE 444	An Introduction to Foundation Engineering	3
CE 466	Building Construction Engineering	3
CE 476	Air Pollution Control	3
CE 477	Principles of Solid Waste Engineering	3
CE 484	Water Supply and Waste Water Systems	3
CE 488	Water Resources Engineering	3
CE 502	Traffic Operations	3
CE 503	Transportation System Design	3
CE 576	Engineering Principles Of Air Pollution Control	3
CE 577	Engineering Principles Of Solid Waste Management	3
CE 588	Water Resources Engineering	3

Semester Sequence

This is a sample.

MA 241

First Year		
Fall Semester		Hours
CH 101	Chemistry - A Molecular Science ¹	3
CH 102	General Chemistry Laboratory ¹	1
E 101	Introduction to Engineering & Problem Solving ²	1
E 115	Introduction to Computing Environments	1
ENG 101	Academic Writing and Research ²	4
MA 141	Calculus I ¹	4
GEP Health and Exercise Studies (http://catalog.ncsu.edu/ undergraduate/gep-category-requirements/gep-health-exercise- studies/)		1
	Hours	15
Spring Semester		
EC 205	Fundamentals of Economics	3

Calculus II¹

4

PY 205	Physics for Engineers and Scientists I	4
& PY 206	and Physics for Engineers and Scientists I Laboratory ¹	
E 102	Engineering in the 21st Century	2
GEP Requirement category-requirement	(http://catalog.ncsu.edu/undergraduate/gep- ents/)	3
	Hours	16
Second Year		
Fall Semester		
CE 214	Engineering Mechanics-Statics ²	3
CE 250	Introduction to Sustainable Infrastructure	3
or CE 263	(Footnote 2 for either course) ² or Introduction to Construction	
000 444	Engineering	0
CSC 111	Introduction to Computing: Python	3
TDE 220	Civil Engineering Graphics	3
MA 242	Calculus III	4
	Hours	16
Spring Semester		
CE 225	Mechanics of Solids ²	3
CE 282	Hydraulics ²	3
PY 208	Physics for Engineers and Scientists II	3
PY 209	Physics for Engineers and Scientists II Laboratory	1
MA 341 or MA 305	Applied Differential Equations I or Introductory Linear Algebra and Matrices	3
MSE 200	Mechanical Properties of Structural Materials	3
	xercise Studies (http://catalog.ncsu.edu/ o-category-requirements/gep-health-exercise-	1
,	Hours	17
Third Year		
Fall Semester		
CE 332	Civil Engineering Materials	4
or CE 342	or Engineering Behavior of Soils and Foundations	
CE Core Course -	Elective I	3
CE Junior Elective	l (p. 2)	3
ST 370	Probability and Statistics for Engineers	3
GEP Requirement category-requirement	(http://catalog.ncsu.edu/undergraduate/gep- ents/)	3
	Hours	16
Spring Semester		
CE 332/342	Civil Engineering Materials	4
CE Core Course -		3
CE Junior Elective		3
Basic Science Elec		3
	ollowing Engineering Science Electives:	3
ECE 331	Principles of Electrical Engineering	
MAE 201	Thermal-Fluid Sciences	
MAE 208	Engineering Dynamics	
	Hours	16

Fourth Year		
Fall Semester		
Select one from the following for CE Senior Elective or CE Senior Design Elective I: $^{\rm 3}$		
CE Senior Electi	ve (p. 3)	
CE Senior Design Elective (p. 5)		
Select one from the following for CE Senior Elective or CE Senior Design Elective II: 3		3
CE Senior Electi	ve (p. 3)	
CE Senior Design Elective (p. 5)		
Senior Elective (p. 3	3)	3
COM 110 or ENG 331	Public Speaking or Communication for Engineering and Technology	3
GEP Requirement (http://catalog.ncsu.edu/undergraduate/gep- category-requirements/)		3
	Hours	15
Spring Semester		
Select one from the following for CE Senior Elective or CE Senior Design Elective III: ³		3
CE Senior Electi	ve (p. 3)	
CE Senior Desig	n Elective (p. 5)	
Select one from the following for CE Senior Elective or CE Senior Design Elective IV: ³		
CE Senior Electi	ve (p. 3)	
CE Senior Desig	n Elective (p. 5)	
Select one of the following CE Capstone courses:		3
CE 420	Structural Engineering Project	
CE 450	Civil Engineering Project	
GEP Requirement	(http://catalog.ncsu.edu/undergraduate/gep-	3
category-requireme	ents/)	
GEP Requirement (http://catalog.ncsu.edu/undergraduate/gep-		3
category-requireme	ents/)	
	Hours	15
	Total Hours	126
1		

¹ C or better grade required

² C- or better grade required

³ A minimum of two CE Senior Design Electives are required for graduation. These courses should be in two different areas as defined in the CE Worksheet.

Career Opportunities

Society will always need constructed facilities to live, work, and sustain their lives and environment, and civil, construction, and environmental engineers will always be needed to plan, design, and construct these facilities. Civil, construction, and environmental engineering comprise such diversified fields that graduates have a wide choice in types and locations of employment. Jobs range from federal, state, or municipal agencies to a variety of manufacturing and processing industries, consulting firms or construction companies. The work may be performed partially or wholly in an office or in the field and may be located in a small community, a big city, an industrial center, or even in a foreign country. Careers in either professional practice or teaching and research are common for many graduates who complete advanced degrees.

Career Titles

- Civil Engineer
- Coastal Engineer
- Geotechnical Engineer
- Geoenvironmental Engineer
- Structural Engineer
- Transportation Engineer
- Water/Wastewater Engineer
- Municipal Engineer
- Project Manager
- Engineering Professor

Learn More About Careers

NCcareers.org (https://nccareers.org/)

Explore North Carolina's central online resource for students, parents, educators, job seekers and career counselors looking for high quality job and career information.

Occupational Outlook Handbook (https://www.bls.gov/ooh/) Browse the Occupational Outlook Handbook published by the Bureau of Labor Statistics to view state and area employment and wage statistics. You can also identify and compare similar occupations based on your interests.

Career One Stop Videos (https://www.careeronestop.org/) View videos that provide career details and information on wages, employment trends, skills needed, and more for any occupation. Sponsored by the U.S. Department of Labor.

Focus 2 Career Assessment (https://careers.dasa.ncsu.edu/explorecareers/career-assessments/) (NC State student email address required) This career, major and education planning system is available to current NC State students to learn about how your values, interests, competencies, and personality fit into the NC State majors and your future career. An NC State email address is required to create an account. Make an appointment with your career counselor (https:// careers.dasa.ncsu.edu/about/hours-appointments/) to discuss the results.

Focus 2 Apply Assessment (https://www.focus2career.com/Portal/ Register.cfm?SID=1929) (Available to prospective students) A career assessment tool designed to support prospective students in exploring and choosing the right major and career path based on your unique personality, interests, skills and values. Get started with Focus 2 Apply and see how it can guide your journey at NC State.

American Society of Civil Engineers (https://www.asce.org/) American Water Resources Association (https://www.awra.org/) Institute of Transportation Engineers (https://www.ite.org/) National Society of Professional Engineers (https://www.nspe.org/)