

COURSE REQUIREMENTS

Complete at VCCS				Complete at Virginia Tech					
BACHELOR'S DEGREE REQUIREMENT		SATISFIED BY		BACHELOR'S DEGREE REQUIREMENT		1 <sup>st</sup> sem (fall)	2 <sup>nd</sup> sem (spring)	3 <sup>rd</sup> sem (fall)	4 <sup>th</sup> sem (spring)
Course	Credits	CC Course	Notes	Course	Credits	Notes			
VT 1XXX	1-2	SDV 100 or 101		CEE 2834	3				
ENGL 1105	3	ENG 111		CEE 2804	3	Currently taught fall only			
ENGL 1106	3	ENG 112		GEOS 2104	3				
Pathways Concept 2	3	Any UCGS Art or Humanities		CEE 3804	3				
Pathways Concept 2	3	Any UCGS Art, Humanities, or Lit	This course must come from a different group than prior requirement.	CEE 2814	4				
Pathways Concept 3	3	Any UCGS History		CEE 3304	4				
Pathways Concept 3	3	Any UCGS Social/Behav Science		CEE Fundamental Program Electives with Lab	4, 4	(two courses w/ labs)			
MATH 1225	4	MTH 263		CEE 3814	3				
MATH 1226	4	MTH 264		Technical Electives	6	(two courses)			
MATH 2204	4	MTH 265		CEE 4804	3				
MATH 2214	3	MTH 267		CEE Fundamental Program electives	12	(four courses)			
PHYS 2305	4	PHY 241		Restricted Electives	6				
PHYS 2306 or CSC 1064 (Science & Engr Elective)	3-4	PHY 242 or CSC 221		CEE Advanced Elective (Design Project)	3				
CHEM 1035 + 1045	4	CHM 111		CEE Advanced Program Electives	9	(three courses)			
ENGE 1215	2	EGR 121				Career Bridge Experience			
ENGE 1216	3	EGR 122							

ESM 2104	3	EGR 240	
ESM 2204	3	EGR 246	
ESM 2304 (Science & Engr Elective)	3	EGR 245	
ISE 2014	2-3	EGR 206	
MATH 2114	3	MTH 266	
	3-4	Any EGR, MTH, or Science courses from list	EGR: 125, 248, 270, 271, 272, 280, 282, 231, 232                      MTH: 288, 283                              SCI: BIO 101, 206; CHM 112, PHY 242; GOL 105,
CREDITS PRE-TRANSFER: 67 -71			CREDITS POST-TRANSFER: 70 (total degree requirements 128)

Career Bridge Experiences help prepare students for post-graduation life and develop a professional identity. Internships, Co-ops, and Undergraduate Research are examples of possible Career Bridge Experiences. Because some of these experiences are not credit bearing, the ENGE 3900 course is used to track and assess student participation in Career Bridge and to record fulfillment of this degree requirement on the transcript. Students should enroll in ENGE 3900 during the semester (or one of the semesters) that they undertake the Career Bridge Experience. Enrollment in ENGE 3900 requires approval of a Career Bridge Plan. Further information about acceptable Career Bridge Experiences and the process for submitting a Career Bridge Plan are explained within your major courses.

## TRANSFER GUIDANCE

### Guaranteed Admission Agreement

**Students who complete the prescribed curriculum and meet the criteria below are guaranteed admission into Virginia Tech and directly into the Civil Major:**

- Earn a transfer associate degree AS in Engineering (or AS/AA&S in Science with Specialization in Engineering)
- Earn a minimum of 3.2 GPA for the associate degree.
- Applicants for this major can be guaranteed for the Spring, Summer, or Fall entry terms.
- Register your intent in the Transfer Virginia Portal to use this guarantee after the completion of 15 credit hours and prior to the completion of 30 hours.
- Complete all steps of the formal admissions application process by the appropriate deadlines for the intended term of entry. Most applicants pursuing guaranteed admission will apply as they are finishing their associate degree.

### IMPORTANT LINKS & DATES:

- **Transfer Initiatives Office:** <https://advising.vt.edu/transfer-student-advising.html>
- **Register Intent to Transfer:** By completion of 30 hours at <https://www.TransferVirginia.org>
- **Admission Application:** Find full application instructions and applicable deadlines at: <https://vt.edu/admissions/transfer/checklist.html>
- **Financial Aid:** <https://www.finaid.vt.edu>
- **FAFSA** - Free Application for Federal Student Aid: March 1 for fall semester at <https://www.studentaid.gov>

### WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Create a schedule for all required courses, pay attention to prerequisites and when courses are offered, complete your first math and English courses in your first year. For help, see Transfer Steps and Resource Center at <https://www.TransferVirginia.org>
- Connect with an advisor at your community college and Virginia Tech within your first year. College Connect available in your account of <https://www.TransferVirginia.org>

### IS THIS DEGREE RIGHT FOR ME?

- The Bachelor of Science degree in Civil Engineering is accredited by [ABET](#).
- Students are encouraged to participate in undergraduate research with faculty at Virginia Tech

### WHAT IS THE IMPACT ON MY DEGREE OF WORK I HAVE ALREADY COMPLETED?

- **Associate Transfer Degree Completion:** The completion of an Associate Degree results in all lower-division general education requirements being met when you transfer to Virginia Tech.
- **Credit for Prior Learning:** AP, IB, and CLEP are evaluated for credits <https://www.registrar.vt.edu/Advanced-Standing-Transferable-Credit.html>
- **Catalog Year:** Catalog year determined by first semester of attendance at Virginia Tech.

- **Dual Enrollment – Completion of Associate Degree in HS:** The completion of an Associate Degree concurrent with high school results in up to half the required credits (128) towards a CE degree, with all general education courses satisfied. Students will be enrolled as a freshman for orientation and engagement purposes.

#### IS THIS COLLEGE RIGHT FOR ME?

- Virginia Tech's College of Engineering undergraduate programs are ranked 13th in the nation, according to U.S. News & World Report
- Located in rural area, with 2600-acre campus, 37,000 on and off campus students, and a 14:1 student-faculty ratio
- Transfer students have both on-campus and off-campus housing options, including a living community on campus just for transfer students (all majors).  
<https://llp.vt.edu/llc/transfer.html>
- Virginia Tech is a diverse campus with students from over 40 states and 115 countries.
- Students can attend full-time or part-time.
- Classes are most typically offered Monday – Friday, 8am – 5pm

Learn more about our university at <https://vt.edu/about/facts-about-virginia-tech.html>

#### DID YOU KNOW THAT...

- Completing your Associate transfer degree post-high school satisfies all lower division general education requirements and increases the chance of completing your bachelor's degree?
- Exceeding 3 years or 90 credits at your community college means you may have exhausted your financial aid at that college and have limited your future financial aid at Virginia Tech

#### WHAT CAN I DO WITH THIS DEGREE?

- Civil engineers are the principal designers, constructors, operators, and caretakers of many of the constructed facilities and systems that contribute to the high quality of life enjoyed in the United States.
- Explore possible careers, salaries, and job outlook at <https://www.TransferVirginia.org> and <https://eng.vt.edu/academics/undergraduate-students/explore-engineering.html>

#### PROGRAM SUCCESSES & HIGHLIGHTS

- The Charles E. Via, Jr. Department of Civil and Environmental Engineering is among the top-10 accredited civil and environmental engineering departments (US News & World Report) in the United States and our department is one of the largest programs in the United States.
- 73% of undergraduate CE students expect full-time employment upon graduation
- The median starting salary of 22/23 CEE graduates was \$70,000 (with a median bonus of \$2,500)

#### WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

Each year around 400-450 VCCS transfer students apply for admission to a program in the Virginia Tech College of Engineering. Between 60-70% are typically offered admission. The average GPA of transfer students enrolling is 3.5.

Learn more about applying at <https://vt.edu/admissions/transfer.html>

#### DO MORE WITH YOUR DEGREE!

- Students may complete an accelerated Master's degree in one additional year of enrollment