

COURSE REQUIREMENTS

Complete at VCCS				Complete at UVA		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		4 SEMESTERS TO BS EE
Course*	Credits	CC Course	Notes	Course	Credits	Notes
Does not transfer	1-2	SDV 100 or 101		ECE 2700	3	EGR261 equivalent and alternative to other VCC courses
HSS Elective (1 of 3)	3	ENG 111		APMA 3100	3	
ENGR 1020	3	ENG 112 or 113	Prefer ENG 113	STS 2600	3	
Unrestricted Elective	3	Any UCGS Art or Humanities		CS 2130	4	CSC 215 equivalent and alternative to other VCC courses
Unrestricted Elective	3	Any UCGS Art, Humanities, or Lit	This course must come from a different group than prior requirement.	ECE 2410	3	
HSS Elective (2 of 3)	3	Any UCGS History		ECE 3430	4	
HSS Elective (3 of 3)	3	Any UCGS Social/Behav Science	This course may not be a history course.	Math/Science Elective	3	Recommend APMA 3080
APMA 1090	4	MTH 263	MTH 263 prerequisites are not in this transfer guide. Discuss with community college advisor if applicable. 3 credits for APMA 1090 1 credit for APMA 2130	Technical Elective 1	3	
APMA 1110	4	MTH 264		Math/Science Elective	3	Recommend APMA 2501
APMA 2120	4	MTH 265		ECE Elective (1 of 6)	3	
APMA 2130	3	MTH 267		ECE Elective (2 of 6)	3	
PHYS 1425/1429	4	PHY 241		ECE 4991	4.5	
ECE 2200 OR PHYS 2415/2419	4	PHY 242		STS 4500	3	
CHEM 1410/1411	4	CHM 111		ECE Lab	1.5	
ENGR 1010 (1 of 2)	2	EGR 121	Both EGR 121 & 122 to satisfy ENGR 1010	Unrestricted Elective	2-3	
ENGR 1010 (2 of 2)	3	EGR 122		ECE Elective (3 of 6)	3	
CS 1110	3-4	EGR 125 or CSC 221		Technical Elective 2	3	

ECE 2330	4	EGR 270	3 credits toward ECE 2330 1 credit unrestricted elective	ECE Elective (4 of 6)	3	
ECE 2300	4	EGR 271	3 credits toward ECE 2300 1 credit unrestricted elective	ECE Elective (5 of 6)	3	
ECE 2600	4	EGR 272	3 credits toward ECE 2600 1 credit unrestricted elective	ECE Elective (6 of 6)	3	
				STS 4600	3	
CREDITS PRE-TRANSFER: 65-67				CREDITS POST-TRANSFER: 64-65 (128 credits to complete degree)		
* HSS = Humanities and Social Science (content primarily on studying cultures, society and people)						

## TRANSFER GUIDANCE

### Guaranteed Admission Agreement (GAA)

Students who complete the prescribed curriculum and meet GAA criteria are guaranteed admission into UVA Engineering and directly into the Electrical Engineering Major.

- To be competitive for admission outside the GAA, students should meet all or nearly all of the program's general education requirements, earn a minimum GPA of 3.0 or better at their current institution, and have 60-64 transferable credits.

### IMPORTANT LINKS & DATES:

- **University Transfer Admissions:** <https://admission.virginia.edu/admission/transfer>
- **Admission Application:** By March 1 at <https://www.commonapp.org/>
- **Financial Aid:** <https://sfs.virginia.edu/>, <https://sfs.virginia.edu/financial-aid-new-applicants/how-apply-aid-undergrad-programs/how-apply-financial-aid-transfer>, <https://sfs.virginia.edu/guide-css-profile>
- **FAFSA - Free Application for Federal Student Aid:** April 1 at <https://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 [www.TransferVirginia.org](http://www.TransferVirginia.org)
- Connect with an advisor at your community college and in [Electrical Engineering at UVA](#) within your first year.

### IS THIS DEGREE RIGHT FOR ME?

- Electrical engineers use engineering principles to design solutions involved in a wide range of fields.
- A bachelor's degree can serve as a springboard to a professional career or to graduate study in targeted fields such as electronics, robotics, and manufacturing, just to name a few.

### 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 most first and second year degree requirements being met when you transfer to UVA Engineering.
- **Dual Enrollment – Completion of Associate Degree in HS:** The completion of an Associate Degree concurrent with high school results in 60 credits of coursework towards your degree and most general education courses satisfied. Students apply as and enroll as first year for orientation and engagement purposes.
- **Credit for Prior Learning:** Consult the Undergraduate Record for Advanced Examination test score (i.e. AP, IB, Military Experience) needed to earn course credit: [http://records.ureg.virginia.edu/content.php?catoid=52&navoid=4102#adva\\_exam](http://records.ureg.virginia.edu/content.php?catoid=52&navoid=4102#adva_exam)
- **Catalog Year:** Catalog year determined by first semester of attendance at the community college post high-school graduation.

### IS THIS COLLEGE RIGHT FOR ME?

- UVA Engineering has the highest four-year graduation rate for all undergrads and for Hispanic, Asian, and African-American students compared to all public engineering schools in the country
- UVA Engineering has the highest percentage of women students for all engineering schools with at least 200 female graduates per year. Learn more at <https://ira.virginia.edu/university-stats-facts/degrees-awarded>.
- AccessUVA guarantees 100% of demonstrated need for undergraduates, who are admitted on a need-blind basis.
- UVA engineering emphasizes the integral role of engineering in society, and our grads are widely recognized for their leadership and communication skills.

### 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 the University of Virginia.

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

- Explore careers of UVA Engineering graduates through the [UVA Graduate Outcome Data](#).
- Explore possible careers, salaries, and job outlook at [www.TransferVirginia.org](http://www.TransferVirginia.org)

#### PROGRAM SUCCESSES & HIGHLIGHTS

- The University of Virginia Electrical Engineering department brings together outstanding undergraduate and graduate programs with world-class expertise in energy, autonomous systems, and manufacturing.
- Transfer students who come to UVA Electrical Engineering with an associate degree can expect to graduate in 2 years.
- Every student completes a capstone design project and an undergraduate thesis.

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

- Any transfer student accepted to the UVA School of Engineering and Applied Sciences may major in Electrical Engineering. There is no additional major application process. We look forward to you joining our program.
- Most enrolling applicants are admitted without having met all of the guaranteed admission criteria.

#### DO MORE WITH YOUR DEGREE!

- Electrical Engineering students at UVA are involved in a number of extracurricular organizations including Institute of Electronics and Electrical Engineering (IEEE).
- UVA Electrical Engineering students often gain experience through summer internships with industry. Others take advantage of summer research opportunities within the Electrical and Computer Engineering Department.

#### OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- All UVA engineers complete a senior thesis portfolio, with a Science, Technology & Society research paper and a technical report. These experiences are integrated into required courses during the fourth year.