University of Virginia BS in Computer Engineering
Associate Transfer Degree Plan in Engineering

COURSE REQUIREMENTS

Complete at VCCS				Complete at UVA		
BACHELOR'S DEGREE REQUIREMENT	SATISFIED BY			BACHELOR'S DEGREE REQUIREMENT		4 SEMESTERS TO BS CPE
Course	Credits	CC Course	Notes	Course	Credits	Notes (Fall or Spring listed if only offered one semester)
Does not transfer	1-2	SDV 100 College Success Skills or 101 Orientation		APMA 3100	3	
HSS* Elective (1 of 3)	3	ENG 111 College Comp I		CS 3130	4	
ENGR 1020	3	ENG 112 College Comp II or ENG 113 Technical-Professional Writing	Prefer ENG 113	CS 2100	3	CSC 223 equivalent and alternative to other VCC courses
Unrestricted Elective (1 of 4)	3	Any UCGS Arts or Humanities Course	These two courses must come from two different disciplines.	Math/Science Elective	3	APMA 3080 recommended
Unrestricted Elective (2 of 4)	3	Any UCGS Art, Humanities, or Literature Course		STS 2600	3	
HSS* Elective (2 of 3)	3	Any UCGS Social & Behavioral Science Course		CS 2130	3	CSC 215 equivalent and alternative to other VCC courses
HSS* Elective (3 of 3)	3	Any UCGS History Course		CS 2120	3	CSC 208 equivalent and alternative to other VCC courses
APMA 1090 (3 cr.) APMA 2130 (1 cr.)	4	MTH 263 Calculus I	MTH 263 prerequisites not included here. Discuss with a community college advisor if applicable.	ECE 2700	3	EGR261 equivalent and alternative to other VCC courses
APMA 1110	4	MTH 264		ECE 3430	4	
APMA 2120	4	MTH 265		CS 3140	3	
APMA 2130	3	MTH 267		ECE 4440	4.5	
PHYS 1425/1429	4	PHY 241		STS 4500	3	
ECE 2200 OR PHYS 2415/2419	4	PHY 242		ECE or CS Elective (1 of 5)	3	
CHEM 1410/1411	4	CHM 111		ECE or CS Elective (2 of 5)	3	
ENGR 1010 (1 of 2)	2	EGR 121	Both EGR 121 & 122 to satisfy ENGR 1010	ECE or CS Elective (3 of 5)	3	

				ECE or CS Elective (4 of 5)	3	
ENGR 1010 (2 of 2)	3	EGR 122				
CS 1110	3-4	EGR 125 or CSC 221		ECE or CS Elective (5 of 5)	3	
ECE 2330	4	EGR 270	3 credits toward ECE 2330 1 credit unrestricted elective	ECE 4435	4.5	Only Offered in the Spring
ECE 2300	4	EGR 271	3 credits toward ECE 2300 1 credit unrestricted elective	STS 4600	3	
ECE 2600	4	EGR 272	3 credits toward ECE 2600 1 credit unrestricted elective	Unrestricted Elective (4 of 4)	3	
CREDITS PRE-TRANSFER: 66-68				**CREDITS POST-TRANSFER: 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 the GAA criteria are guaranteed admission into UVA Engineering and the Computer Engineering Major.

- Complete approved transferrable Virginia Community College AS or AA&S degree.
- Earn a minimum of 45 VCCS course transfer credits toward UVA Engineering degree following graduation from high school. UVA requires a grade of C or better for course credit to transfer for any course.
- VCCS minimum 3.2 cumulative GPA with grades of B or better in MTH 264, MTH 265, PHY 241, CHM 111, and EGR 125 OR CSC 221.
- Submit a Transfer Common Application by March 1 deadline and send official transcripts from all schools attended.
- Complete all GAA requirements by the end of spring term prior to intended fall entry
- Provide official VCCS transcript with final grades and conferral of associate degree to UVA Admission Office by June 15
- GAA candidates must not have previously enrolled at UVA and must be in good academic standing and have no conviction of a felony or pending charges.

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
  - **FAFSA - Free Application for Federal Student Aid:** April 1 at https://studentaid.gov/
  - **CSS Profile:** April 1 at https://cssprofile.collegeboard.org/

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
- Connect with an advisor at your community college and in Computer Engineering at UVA within your first year. Learn who to contact on the bottom of our Engineering majors website.

IS THIS DEGREE RIGHT FOR ME?

- Computer 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 except for ECE and the STS course not taught through VCCS.

- **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. Completion of an associate degree concurrent with high school does not make candidates eligible for the GAA.
- **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
- **Catalog Year:** Transfer students are typically assigned a catalog year corresponding to the academic year in which they matriculate into the UVA Engineering. However, a student's major department may elect to change the catalog year if doing so is determined to be in the student's academic interest.

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 in Engineering transfer degree, post-high school, satisfies most lower division general education requirements except Science, Technology and Society requirement 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 First Destination Reports.
- Explore possible careers, salaries, and job outlook at www.TransferVirginia.org

PROGRAM SUCCESSES & HIGHLIGHTS

- The University of Virginia Computer 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 Computer 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 Computer 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.
- 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 your current institution, and have 60-64 transferable credits.

DO MORE WITH YOUR DEGREE!

- Computer Engineering students at UVA are involved in a number of extracurricular organizations including Institute of Electronics and Electrical Engineering (IEEE).
- UVA Computer 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, but these experiences are integrated into required courses during the fourth year.