

Dual Enrollment (DE)

Dual Enrollment is a program that allows high school students to earn college credit for courses they are taking in high school. The courses are taught by high school faculty who meet the credentials to teach college level courses. The teachers follow the college curriculum, use college approved textbooks, and work with a mentor, who is a fulltime college faculty member, to ensure they are delivering a college-level course. All students in dual enrollment courses must meet college and course specific admission requirements in order to earn college credit. While most DE courses require all students to be enrolled for college credit, there are a few that allow students to take the course for high school credit only. These are noted on the chart. Sophomores interested in taking a DE course must have a minimum of a 3.25 GPA, meet all test and course requirements, and request an exception from the college.

In the spring of 2012, legislation (HB 1184) was passed that *“Requires local school boards and community colleges to develop agreements allowing high school students to complete an associate’s degree or a one-year Uniform Certificate of General Studies from a community college concurrent with a high school diploma.”*

In addition, **The Uniform Certificate of General Studies** (HB 441); *clarifies that credits earned in academic subject area coursework as part of the Uniform Certificate of General Studies shall be transferable to a four-year public institution of higher education.* Students interested in attending private or colleges outside of Virginia should contact that college’s admissions office regarding their dual enrollment policies.

Alexandria City Public Schools worked with Northern Virginia Community College (NOVA) to create both a one-year General Studies Certificate and identify possible Associate Degree programs students could pursue while in high school. The following chart identifies the course requirements for the General Studies Certificate and courses offered at T.C. Williams High School that students can take to meet these requirements. The certificate can be earned through a combination of Advanced Placement and Dual Enrollment courses, however, at least twenty-five percent (25%) of the credits must be earned via dual enrollment. All degree requirements must be met prior to high school graduation.

Students interested in pursuing an Associate Degree while in high school should work with their Counselor and NOVA to identify appropriate courses. Information about specific degree programs can be found online at www.nvcc.edu/curcatalog.

ACPS General Studies Certificate

The following articulates a pathway for a qualifying student within Alexandria City Public Schools to complete the Northern Virginia Community College General Studies Certificate. To be eligible for this certificate all course requirements must be met **before** high school graduation and **at least twenty-five percent (25%), or nine (9) credits must be taken as DE courses.**

When choosing college courses it is wise to check transferability with the college you hope to attend.

NOVA Course	College Credits	High School Credit	Possible High School Courses
ENG 111 / 112 College Composition I & II <i>*Students can take in 11th or 12th grade</i>	6	1	<i>AP Courses with 3 or better on exam</i> AP English Language and Composition = ENG 111 AP English Literature and Composition = ENG 111 Dual Enrollment College Composition 11 & Dual Enrollment College Composition 12 = ENG 111 / 112
MTH 151 / 152 Math for the Liberal Arts OR higher level math courses	3-8 depending on course	1	<i>AP Courses with 4 or better on exam</i> AP Calculus AB = MTH 263 AP Calculus BC = MTH 263-264 AP Statistics = MTH 245 Dual Enrollment Calculus II = MTH 264 Dual Enrollment Calculus III & Differential Equations = MTH 265 and MTH 267
2 Physical or Life Science with Lab I & II	8	1-2	<i>AP Courses with 4 or better on exam</i> AP Biology = BIO 101-102 AP Chemistry = CHM 111 AP Environmental Science = ENV 121-122 AP Physics 1 & AP Physics 2 = PHY 101-102, with 3 on both exams AP Physics 1 & AP Physics 2 = PHY 201-202, with 4 on both exam AP Physics C = PHY 202, with 3 on exam AP Physics C = PHY 232, with 4 on exam
3 Social Science Classes approved by District	9	1.5 - 2 credits, students need at least two high school courses	<i>AP Courses</i> AP European History = HIS 101-102, with 4 on exam AP United States History = HIS 121-122, with 4 on exam AP World History = HIS 111-112, with 4 on exam AP United States Government and Politics = PLS 135, with 3 on exam AP Comparative Government and Politics = PLS 140, with 3 on exam AP Economics, Macro = ECO 201, with 3 on exam AP Economics, Micro = ECO 202, with 3 on exam AP Psychology = PSY 200, with 3 on exam AP Human Geography = GEO 210, with 3 on exam Dual Enrollment College U.S. History = HIS 121-122
2 Humanity Classes approved by District	6	1	<i>AP Courses with 5 on exam</i>

			<p>AP Chinese Language and Culture = CHI 201-202</p> <p>AP French Language and Culture = FRE 201-202</p> <p>AP German Language and Culture = GER 201-202</p> <p>AP Latin = LAT 201-202</p> <p>AP Music Theory = MUS 111-112</p> <p>AP Spanish Language and Culture = SPA 201-202</p> <p>AP Spanish Literature and Culture = SPA 233 & SPA 271 or SPA 272, with 3 on exam</p> <p>AP Art History = ART 101-102</p> <p>Dual Enrollment Survey of World Literature = ENG 251-252</p>
SDV 100 College Success Skills	1	0	<p>No equivalent high school course.</p> <p>Would need to take through NOVA.</p>
	33-40		

1. Any modification to the above pathway will be outlined in writing and agreed upon by the college and school division. Any modifications will not prevent students from obtaining the plan's intended credential.
2. In order to participate in the above pathway, a student must meet all DE admission requirements and college program requirements, including placement tests. In order to enroll in any of the courses noted in the pathway, all course prerequisites must be met.
3. Program information including purpose, occupational objectives, admission requirements, notes, computer competency requirements, and course requirements may be found in the college catalog found at www.nvcc.edu/curcatalog.

Dual Enrollment Registration Process

In order to register for any dual enrollment course students must apply to [NOVA](#), then create an account and select their DE courses in [Dual Enroll](#) using their NOVA EMPL ID. Students must demonstrate college readiness in English and math, using an approved test score. Historically, students have used PSAT English and Math SOL scores for initial placement into DE classes. The following is a list of approved tests for DE classes. Some DE classes may have specific requirements beyond the basic test scores listed below, but are noted in the chart. Sophomores interested in taking a DE course must have a minimum of a 3.25 GPA, meet all test and course requirements, and request an exception from the college. Students who do not fully complete the registration process in the spring will not be enrolled for DE credit the following fall.

**Due to limited testing options for students during the current situation, alternative placement options for students are being discussed by the Virginia Community College System. More information should be available by course registration.*

Approved Assessments for General Placement

PSAT Scores

- 390 Evidence-Based Reading & Writing (Cannot be used for English 111 or Engineering)

- 500 Evidence-Based Math (Cannot be used for Math Placement)

SAT Scores

- 480 Evidence-Based Reading & Writing
- 530 on Math

SOL Math Scores

- Passing score on [Algebra I](#) or higher
- The English SOL is **NOT** an approved alternative

AP Scores

- 3 or better on [AP English Language and Composition](#) or [AP English Literature and Composition](#)
- 3 or better on [AP Calculus AB](#) or [AP Calculus BC](#) (Need a 4 or better for DE calculus courses)

ACT Scores

- 18 on each English, Reading & Writing
- 22 on Math

The following is a list of courses that are expected to be offered during the 2021-22 school year. Courses will only be offered if there is sufficient enrollment and NOVA reserves the right to cancel courses or change prerequisites at any time if there are curriculum changes that impact the course.

2021-22 Expected Course Offerings and Test Requirements

Department	T.C. Williams Course	NOVA Course	English Requirement	Math Requirement
Transfer Courses: The following courses are part of transfer degrees and all students enrolled in the course must take it for college credit. Sophomores must have a 3.25 GPA.				
English	Dual Enrollment College Composition 11 or Dual Enrollment College Composition 12	ENG 111 & ENG 112, College Composition, 6 credits	Under Review	Any Math SOL
English	Dual Enrollment Survey of World Literature	ENG 251 & 252, Survey of World Literature, 6 credits	Dual Enrollment College Composition 11	Dual Enrollment College Composition 11
Health and Medical	Dual Enrollment Medical Terminology	HIM 111 Medical Terminology	PSAT English 390	Any Math SOL
Math	Dual Enrollment Calculus II	MTH 264, Calculus II (4 credits)	PSAT English 390	4 or higher on AP Calculus AB exam

Math	<i>Dual Enrollment Calculus III & Differential Equations</i>	<i>MTH 265, Calculus III (4 credits)</i> <i>MTH 267, Differential Equations (3 credits)</i>	<i>PSAT English 390</i>	<i>4 or higher on AP Calculus BC exam</i>
Math * Pending Approval	Dual Enrollment Introduction to Computing	CSC 110, Introduction to Computing (3 credits)	PSAT English 390	Any Math SOL
Math * Pending Approval	Dual Enrollment Scientific Programming	CSC 130, Scientific Programming (3 credits)	Under Review	Under Review
Social Studies	<i>Dual Enrollment College U.S. History</i>	HIS 121-122, United States History, 6 credits	PSAT English 390	Any Math SOL
Technology Education	<i>Dual Enrollment Introduction to Engineering</i>	EGR 120, Introduction to Engineering (2 credits)	Under Review	Under Review
Trade & Industry	<i>Dual Enrollment Television and Media Production II</i>	PHT 130, Video I (3 credits) PHT 131, Video II (3 credits)	PSAT English 390	Any Math SOL
Non Transfer Courses: The following courses are not part of a transfer degree and students can choose to take the course for high school credit only.				
Business & Information Technology	<i>Dual Enrollment AOF Introduction to Business and International Finance</i>	FIN 248, International Finance (3 credits)	PSAT English 390	Any Math SOL
Family & Consumer Science	<i>Dual Enrollment Advanced Early Childhood Education and Services II</i>	CHD 120, Intro to ECE (3 credits) CHD 145, Teaching, Art, Music & Movement to Children (3 credits)	PSAT English 390	Any Math SOL
Marketing	<i>Dual Enrollment Entrepreneurship: Business Ownership and Management</i>	BUS 116, Entrepreneurship (3 credits)	PSAT English 390	Any Math SOL
Marketing	<i>Dual Enrollment Advanced Entrepreneurship</i>	<i>BUS 165, Small Business Management (3 credits)</i>	<i>Dual Enrollment Entrepreneurship: Business Ownership and Management</i>	<i>Dual Enrollment Entrepreneurship: Business Ownership and Management</i>
Trade & Industry	<i>Dual Enrollment Automotive Technology II</i>	AUT 100, Intro to Auto Shop Practice (2 credits) AUT 241 Automotive Electricity I (4 credits) AUT 265 Automotive Braking (4 credits)	PSAT English 390	Any Math SOL
Trade & Industry	<i>Dual Enrollment Automotive Technology III</i>	<i>AUT 242 Automotive Electricity II (4 credits)</i>	<i>Dual Enrollment Automotive Technology II</i>	<i>Dual Enrollment Automotive Technology II</i>

		<i>AUT 266 Automotive Alignment, Suspension & Steering 4 credits</i>		
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***Courses in italics are advanced level courses and students should have taken the previous dual enrollment course or AP equivalent course.**

Governor’s Health Sciences Academy Dual Enrolled Courses

The following courses are offered in partnership with The George Washington School of Medicine and Health Sciences (GW-SMHS) as part of the Governor’s Health Sciences Academy. Non-academy juniors and seniors may enroll in the upper level courses for college credit if they meet the college’s requirements. These requirements include successful completion of the [Introduction to Health and Medical Sciences](#) course, a minimum of a 2.75 GPA, and qualifying English and math test scores. The GW-SMHS reserves the right to cancel courses or change prerequisites at any time if there are curriculum changes that impact the course.

Department	T.C. Williams Course	GWU Course	Requirements
Health and Medical Sciences	Dual Enrollment Introduction to Health and Medical Sciences	HSCI 1101 Careers in Health Care (1 credit) HSCI 2111 Development of the Health Care Professions (3 credits)	Accepted to the Governor’s Health Sciences Academy and completed the Summer Bridge College Preparatory Program.
Health and Medical Sciences	Dual Enrollment Medical Terminology with Anatomy and Physiology	HSCI 1102 Medical Terminology I (3 credits) HSCI 1103 Medical Terminology II (3 credits)	Dual Enrollment Introduction to Health and Medical Sciences
Health and Medical Sciences	Dual Enrollment Sterile Processing	HSCI 1107: Introduction to Sterile Processing (3 credits)	Dual Enrollment Medical Terminology with Anatomy and Physiology , or meet non-academy student college requirements
Health and Medical Sciences	Dual Enrollment Nurse Aide I (2 credits)	HSCI 1110: Concepts of Pathophysiology and Health (3 credits)	Dual Enrollment Medical Terminology with Anatomy and Physiology , or meet non-academy student college requirements
Health and Medical Sciences	Dual Enrollment Medical Laboratory Technology I	MLS 1101: Introduction to Laboratory Sciences I (4 credits)	Dual Enrollment Medical Terminology with Anatomy and Physiology , or meet non-academy student college requirements
Health and Medical Sciences	Dual Enrollment Sports Medicine I	HFR 1105: Survey of Anatomy and Physiology for Health and Rehabilitation (2 credits) HFR 1107: Illness and Injury for Health and Rehabilitation (2 credits)	Dual Enrollment Medical Terminology with Anatomy and Physiology , or meet non-academy student college requirements
Health and Medical Sciences	Dual Enrollment Pharmacy Technician I	PHRG 1101: Introduction to Pharmacy Practice I (3 credits)	Dual Enrollment Medical Terminology with Anatomy and Physiology , or meet non-academy student college requirements
Health and Medical Sciences	Dual Enrollment Emergency Medical Technician I & II (2 credits)	EHS 1040: EMT-Basic (3 credits) EHS 1041: EMT-Basic Lab (1 credit)	Dual Enrollment Medical Terminology with Anatomy and Physiology , or meet non-academy student college requirements

Health and Medical Sciences	Dual Enrollment Biotechnology Foundations in Health and Medical Sciences or Dual Enrollment Biotechnology and Forensics Foundations	HSCI 1106: Introduction to Biotechnology for Health Sciences (3 credits)	Dual Enrollment Medical Terminology with Anatomy and Physiology, STEM, or meet non-academy student college requirements
Health and Medical Sciences	<i>Dual Enrollment Surgical Technologist (3 credits)</i>	<i>HSCI 1109: Introduction to Surgical Sciences (3 credits)</i>	<i>Dual Enrollment Sterile Processing</i>
Health and Medical Sciences	<i>Dual Enrollment Nurse Aide II (2 credits)</i>	<i>HSCI 1115: Fundamentals of Nursing II (3 credits)</i>	<i>Dual Enrollment Nurse Aide I (2 credits)</i>
Health and Medical Sciences	<i>Dual Enrollment Medical Laboratory Technology II</i>	<i>MLS 1102: Introduction to Laboratory Sciences II (4 credits)</i>	<i>Dual Enrollment Medical Laboratory Technology I</i>
Health and Medical Sciences	<i>Dual Enrollment Sports Medicine II</i>	<i>HFR 1109: Exercise Science for Health and Rehabilitation (2 credits)</i> <i>HFR 1111: Cases in Health and Rehabilitation (2 credits)</i>	<i>Dual Enrollment Sports Medicine I</i>
Health and Medical Sciences	<i>Dual Enrollment Pharmacy Technician II (2 credits)</i>	<i>PHRG 1102: Introduction to Pharmacy Practice II (2 credits)</i>	<i>Dual Enrollment Pharmacy Technician I</i>
Health and Medical Sciences	<i>Dual Enrollment Emergency Medical Technician III</i>	<i>EHS 1058: EMT Instructor Development (2 credits)</i> <i>EHS 2105: Drug Addiction and Pain Management in the Emergency Health Services (1 credit)</i>	<i>Dual Enrollment Emergency Medical Technician I & II</i>
Health and Medical Sciences	Dual Enrollment Health Informatics	HSCI 2113: Informatics in the HSCI (3 credits)	Dual Enrollment Medical Terminology with Anatomy and Physiology, STEM, or meet non-academy student college requirements

***Courses in italics are advanced level courses and students should have taken the previous dual enrollment course.**