

North School Course Sequence SY 2019-2020

Pathway	Course Sequence			
	Year 1	Year 2	Year 3	Year 4
Anderson				
LOTE	Will be articulated in final draft	Will be articulated in final draft	Will be articulated in final draft	Will be articulated in final draft
Arts, A/V Animation	<i>Graphic Design & Illustration 1 w/Lab</i> (8279.HTOC.Y) (2 credits/1 block) Grades 9-10	<i>Animation 1 w/Lab</i> (8254.HTOC.Y) (2 credits/1 block) Grades 10-11	<i>"Animation 2 w/Lab"</i> (8257.HAOC.Y) (2 credits/1 block) Grades 11-12	Video Game Design (8316.RCOC.Y) Grade 12
Engineering-(Electronics)	Principles of Applied Engineering (8680.HTOC.Y) Grade 9	Computer Programming 1 (8542.HT1C.Y) Grade 10	<u>If Algebra 1, Biology & IPC/Chemistry or Physics requirements met:</u> "Scientific Research & Design 2 – Electronics" (8722.HC4C.Y) Grades 11-12	<u>If Algebra 1, Biology & IPC/Chemistry or Physics requirements met:</u> "Scientific Research & Design 3 – Electrical Engineering" (8723.HC4C.Y) Grade 12
Engineering-(Mechanical)	Principles of Applied Engineering (8680.HTOC.Y) Grade 9	<u>If Algebra 1 requirement met:</u> Engineering Design/Presentation 1 (8688.HTOC.Y) Grade 10	"Engineering Design/Presentation 2" (8694.HAOC.Y) (2 credits/1 block) Grades 11-12	<u>If Algebra 1, Biology & IPC/Chemistry or Physics requirements met:</u> "Scientific Research & Design 3 – Mechanical Engineering" (8723.HC6C.Y) Grade 12 OR <u>If Algebra 1 and Geometry requirements met:</u> "Engineering Design and Problem Solving- UT Engineering Your World" (8730.HCOC.Y) Grades 11-12
Eastside				
LOTE	Will be articulated in final draft	Will be articulated in final draft	Will be articulated in final draft	Will be articulated in final draft
Transportation, Distribution, Logistics (Automotive Service)	Automotive Basics (8777.HTOC.Y) Grades 9-10	Automotive Technology 1: Maintenance & Light Repair (8780.HTOC.Y) (2 credits) Grades 10-11	"Automotive Technology 2: Automotive Service" (8782.HT1C.Y) (2 credits) Grades 11-12	"Practicum in Transportation Systems 1" (8804.HAOC.Y) (2 credits) Grade 12
Lanier				
Ag, Food, Natural Resources (Welding/Fabrication)	Principles of Ag, Food & Natural Resources (8100.RCOC.Y) Grades 9-10	Agricultural Mechanics & Metal Technologies (8138.HTOC.Y) Grade 10	"Practicum in Ag I - Ag Mechanics" (8144.HA3C.Y) (2 credits) Grades 11-12 OR "Extended Practicum in Ag 2 – Ag Mechanics Dual Credit" 8159.NC0A.X (WLDG 1428) OR 8159.NC0B.X (WLDG 1430) OR 8159.NC0C.X (WLDG 1434) (1 credit each) Grades 11-12	"Extended Practicum in Ag 2 – Ag Mechanics (Dual Credit)" 8159.NC0A.X (WLDG 1428) OR 8159.NC0B.X (WLDG 1430) OR 8159.NC0C.X (WLDG 1434) (1 credit each) Grades 11-12
Ag, Food, Natural Resources (Veterinary Medicine)	Principles of Ag, Food & Natural Resources (8100.RCOC.Y) Grades 9-10	Small Animal Management (8104.RCOC.X) (.5 credit) Grades 10-11 AND Professional Standards in Agribusiness (8112.RCOC.X) (.5 credit) Grades 10-11	"Veterinary Medical Applications" (8108.HAOC.Y) Grades 11-12	<u>If Algebra I, Geometry, Biology & Chemistry or IPC requirements met:</u> "Advanced Animal Science" (8110.HAOC.Y) Grade 12 AND/OR "Practicum in Ag – Vet Tech" (8144.HA2C.Y) (2 credits) Grade 12
Ag, Food, Natural Resources (Floral Design)	Principles of Ag, Food & Natural Resources (8100.RCOC.Y) Grades 9-10	Floral Design (8129.RCOC.Y) OR Turf Grass Management (8150.RCOC.X) (.5 credit) AND Landscape Design & Mgmt. (8148.RCOC.X) (.5 credit) All Grades 10-11	<u>If Biology and IPC/Chemistry or Physics requirements met:</u> "Adv. Plant & Soil Science" (8137.HAOC.Y) Grades 11-12	"Practicum in Ag, Food & Natural Resources 1" (8144.HAOC.Y) (2 credits) Grade 12 OR "Practicum in Ag 1 – Horticulture" (8144.HA1C.Y) (2 credits) Grade 12 OR Advanced Floral Design (8218.HAOC.Y) Grade 12

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Human Services (Cosmetology)	Intro to Cosmetology (8502.RC0C.Y) Grade 10	Cosmetology 1 w/Lab (8508.RC0C.Y) (3 credits) Grade 11 AND <u>If Biology and 2nd science requirements met:</u> "Anatomy & Physiology" (8426.HC0C.Y) Grades 11-12	"Cosmetology 2 w/Lab" (8514.HT1C.Y) (3 credits) Grade 12	
Education and Training (Teaching)	Principles of Education & Training (8350.RC0C.Y) Grades 9-10 AND <u>Recommended:</u> Business Information Mgmt. 1 (8322.HT0C.Y) Grades 9-10	Child Development (8488.HT1C.Y) Grades 10-11	"Instructional Practices" (8356.HA0C.Y) (2 credits) Grades 11-12	"Practicum in Education & Training 1" (8358.HA0C.Y) (2 credits) Grade 12
LBJ Early College High School				
Law, Public Safety (Fire Management Services)	Principles of Law, Public Safety, Corrections and Security (8572.RC0C.Y) Grades 9-10	Medical Terminology (8402.HT1C.Y) Grades 10-11 OR Medical Terminology (8402.NC00.X) Grades 10-12	Firefighter 1 (8598.RC0C.Y) (2 credits) Grades 11-12 AND <u>If Biology and 2nd Science credit requirements met:</u> "Anatomy & Physiology" (8426.HC0C.Y) Grade 11	"Firefighter 2" (8600.HT0C.Y) (3 credits) Grade 12 AND <u>Recommended:</u> <u>If Biology and Chemistry requirements met:</u> "Forensic Science" (8582.HA0C.Y) Grades 11-12
Reagan Early College High School				
Government (Military Science/ JROTC)	JROTC 1 (9013.R000.Y OR 6013.R000Y)	JROTC 2 (9023.R000.Y)	JROTC 3 (9033.R000.Y)	JROTC 4 (9043.R000.Y)

Note: Endorsement requires completion of 4 credits from one of the above career pathways.

** All courses are offered for one credit unless otherwise noted.

"Courses in quotation" count as advanced courses in the career pathway selected for an endorsement.

Professional Communications is suggested if students cannot schedule into required course. The required course still needs to be taken in sequential order.

The Austin Independent School District offers career and technical education sequences of coursework based on the sixteen federally defined Career Clusters. Admission to these courses is based on interest and aptitude, age appropriateness, and class space availability. It is the policy of the Austin Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendment of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.