

Churchill High School Endorsements and Programs of Study 2021-2022

North East ISD students entering 9th grade in 2014 and thereafter, will graduate under the Foundation High School Program (FHSP) with Endorsements and Distinguished Level of Achievement. Below are the five endorsements available with the Programs of Study under each endorsement. Read through the Programs of Study and select programs of study by circling your choices. The courses in the Programs of Study that you circled should be used to create your four-year plan for graduation and select courses. Students attending a magnet program should contact that program for more information related to the Endorsements and Programs of Study available. All required prerequisites must be followed. NEISD will offer all Endorsements, but specific programs of study and course offerings may vary from school to school. *denotes a Science/Math Credit, see course catalog for details

Multidisciplinary Studies Endorsement Options

Academic Four Core	4 Credits Four credits in each of the four foundation subject areas (English, Mathematics, Science and Social Studies) that <u>must</u> include English IV and Chemistry and/or Physics.
Advanced Placement and Dual Credit	4 Credits Four credits in Advanced Placement or Dual Credit selected from English, Mathematics, Science, Social Studies, Economics, Languages other than English, or Fine Arts
AVID	4 Credits (Student must be accepted to the program.) 1030 AVID I (1.0) 9 1032 AVID III (1.0) 11 1031 AVID II (1.0) 10 1033 AVID IV (1.0) 12

Arts and Humanities Endorsement Options

English	6 Credits (4.0 credits for Foundation and 2.0 additional credits) English I, II, III And complete at least 3.0 credits from these courses: English IV, Independent Study in English, Creative Writing, Communication Applications, and AP English Literature
Fine Arts	4 Credits A coherent sequence of <u>4.0 credits</u> by selecting courses from one or two categories or disciplines in Fine Arts: Art, Band, Choir, Dance, Flags, Orchestra, Instrumental Ensemble, Technical Theatre or Theatre.
Foreign Language (Option 1)	4 Credits Four levels (I-IV) of the <u>same language</u> : American Sign Language, French, German, Japanese, Latin, or Spanish
Foreign Language (Option 2)	4 Credits Two levels (I-II) of the same language and then two levels (I-II) of another language: American Sign Language, French, German, Japanese, Latin, or Spanish
Social Studies	5 Credits (3.0 credits for Foundation and 2.0 additional credits) Student must complete a total of 5.0 credits from these courses: Advanced Social Studies courses: AP Human Geography, Economics, AP European History, Mexican-American Studies, African-American Studies, Personal Financial Literacy, AP Psychology, Sociology, AP Macroeconomics, AP Psychology, Special Topics, AP U.S. Government, AP U.S. History, U.S. History, World Geography, Pre-AP World Geography, Pre-AP/AP World History, World History

STEM Endorsement Options

Advanced Math	5 Credits (<i>Students must complete Algebra II, Chemistry and Physics for this endorsement.</i>) Algebra I (1.0) 8-12 Geometry (1.0) 9-12 Algebra II (1.0) 10-12 And complete at least 2.0 credits of advanced Math courses. Advanced Quantitative Reasoning, College Algebra, Pre-Calculus, Pre-AP Pre-Calculus, AP Calculus A/B, AP Calculus B/C, AP Statistics, Statistics.
Advanced Science	5 Credits (<i>Students must complete Algebra II, Chemistry and Physics for this endorsement.</i>) Biology (1.0) 9-12 Chemistry (1.0) 10-12 Physics (1.0) 11-12 And complete at least 2.0 credits of advanced Science courses. Physics I AP, Physics II AP, Physics AP-C, Environmental Systems, Environmental Systems AP, Food Science, Medical Microbiology, Pathophysiology, Anatomy & Physiology, Earth & Space Science, Forensic Science, Chemistry AP, Biology AP
Computer Science	3 Credits (<i>Students must complete Algebra II, Chemistry and Physics for this endorsement.</i>) 3005 Computer Science I Honors (1.0) 9-12 3006 Computer Science II Honors (1.0) 10-12 3007 AP Computer Science Principles (1.0) 10-12 3010 AP Computer Science A (1.0) 10-12 And complete at least 1.0 credit of advanced Math courses. Four foundational math courses plus and additional math course to total 5.0 credits of Math
Engineering	4 Credits (<i>Students must complete Algebra II, Chemistry and Physics for this endorsement.</i>) 8250 Principles of Applied Engineering (1.0) 9-12 5809 Professional Communications (.5) 9-12 8252 Engineering Design and Presentation I (1.0) 10-12 8253 Engineering Design and Presentation II (2.0) 11-12 8258 Engineering Design and Problem Solving (1.0) 11-12

Public Services Endorsement Options

Teaching and Training	4 Credits 6721 Principles of Human Services (1.0) 9-12 8041 Principles of Education and Training (1.0) 9-10 6764 Child Development (1.0) 10-12 At least 2.0 Credits from the following courses: 8084 Ready, Set, Teach I (2.0) 11-12 8043 Ready, Set, Teach II (2.0) 12
Early Learning	4 Credits 6721 Principles of Human Services (1.0) 9-12 8041 Principles of Education and Training (1.0) 9-10 6764 Child Development (1.0) 10-12 At least 2.0 Credits from the following: 6765 Child Guidance (2.0) 10-12
Health Professions Academy (All Campuses)	An Alamo Colleges program – Students must apply and be accepted in the 11th and 12th grade program. http://www.alamoacademies.com/ 3253 Anatomy and Physiology DC (1.0) 11 (Year 1) 3256 Microbiology DC (1.0) 12 (Year 2) 1319 English III DC (1.0) 11 (Year 1) 8353 Health Science DC (2.0) 12 (Year 2)
Health Care Diagnostics	4 Credits 8340 Principles of Health Science (1.0) 9-12 8029 Lifetime Nutrition and Wellness (0.5) 9-12 6764 Child Development (1.0) 10-12 8345 Counseling and Mental Health (1.0) 11-12 And complete at least 2.0 credits from these advanced courses: 8344 Health Science Theory (1.0) 10-12 8346 Practicum in Health Science I (Clinical Rotation) (2.0) 11-12 3253 Anatomy and Physiology* (1.0) 10-12 6758 Medical Microbiology* (1.0) 10-12 6757 Medical Terminology (1.0) 9-12 6759 Pathophysiology* (1.0) 11-12 8360x Medical Assistant (2.0) 12 8354x Emergency Medical Technician (EMT)-Basic (1.0) 12 3254x Pharmacy Technician (1.0) 12 8348x Certified Nurse Aide (2.0) 11-12 8358x Registered Dental Assistant (2.0) 11-12

Family & Community Services	4 Credits 6721 Principles of Human Service (1.0) 9-12 8025 Dollars and Sense (0.5) 11-12 6764 Child Development (1.0) 10-12 8029 Lifetime Nutrition and Wellness (0.5) 9-12	8345 Counseling and Mental Health (1.0) 11-12 5809 Professional Communications (0.5) 9-12
	JROTC 7501 JROTC I (1.0) 9-12 7502 JROTC II (1.0) 9-12	7503 JROTC III (1.0) 9-12 7504 JROTC IV (1.0) 9-12
Business and Industry Endorsement Options		
Advanced Technology and Manufacturing Academy (All Campuses)	An Alamo Colleges program – Students must apply and be accepted in to the 11th and 12th grade program. http://www.alamoacademies.com/ 6778 Advanced Technology and Manufacturing Academy I-A (2.0) 11 6779 Advanced Technology and Manufacturing Academy I-B (1.0) 11 6780 Advanced Technology and Manufacturing Academy II-A (2.0) 12 6781 Advanced Technology and Manufacturing Academy II-B (1.0) 12	
Aerospace Academy (All Campuses)	An Alamo Colleges program – Students must apply and be accepted in to the 11th and 12th grade program. http://www.alamoacademies.com/ 6782 Aerospace Academy I A (2.0) 11 6783 Aerospace Academy I B (1.0) 11 6784 Aerospace Academy II A (2.0) 12 6785 Aerospace Academy II B (1.0) 12	
Hallmark College of Aeronautics and Aviation Maintenance (All Campuses)	A Hallmark University Program- Students must apply and be accepted in to the 11th and 12th grade program. 6786 Hallmark Aeronautics and Aviation I-A (2.0) 11 6787 Hallmark Aeronautics and Aviation I-B (1.0) 11 6788 Hallmark Aeronautics and Aviation II-A (1.0) 12 Hallmark Aeronautics and Aviation II-B (2.0) 12	
Design & Multimedia Arts	4 Credits 6656 Principles of Arts, A/V Technology, and Communications (1.0) 9 6700 Video Game (1.0) 9-12 6711 Animation I (1.0) 10-12 6713 Animation II (1.0) 11-12 6714 Animation II Lab (1.0) 11-12 6732 Commercial Photography I (1.0) 9-12 8312 Practicum in Entrepreneurship (2.0) 11-12	
Architectural Design	4 Credits 6647 Principles of Architecture (1.0) 9-12 8245 Architectural Design I (1.0) 10-12 8246 Architectural Design II (2.0) 11-12 8289A Project Based Research I (1.0) 11-12 8247 Practicum in Architectural Design (2.0) 12	
Automotive Technology Academy (All campuses)	4 Credits 8112 Automotive Technology I: Maintenance and Light Repair (2.0) 9-12 8113 Advance Automotive Technology II: Automotive Service (2.0) 11-12 8114 Practicum in Transportation Systems (2.0) 11-12 6777 Practicum in Transportation Systems II (2.0) 11-12 6776 Extended Practicum in Transportation Systems (1.0) 11-12 6774 Diesel Equipment Technology I (2.0) 9-12 6775 Diesel Equipment Technology II (2.0) 10-12 (See magnet program director for more information.)	
Business Management	4 Credits 8290 Principles of Business, Marketing, and Finance (1.0) 9-11 And Complete at least 2.0 credits from these course options: 6750 Business Law (1.0) 11-12 8291 Business Information Management I (1.0) 9-12 8292 Business Information Management II (1.0) 10-12 8294 Business Management (1.0) 10-12 8303 Practicum in Business Management (2.0) 12	
Debate	4 Credits (By completing all three courses the student will earn this endorsement) 5820 Debate/Public Speaking I (2.0) 9-12 5825 Debate/Public Speaking II (2.0) 10-12 5827 Debate/Public Speaking III (2.0) 11-12	
Information Technology Security Academy (All Campuses)	An Alamo Colleges program – Students must apply and be accepted in the 11th and 12th grade program. http://www.alamoacademies.com/ 6702 Information Technology Applications I (3.0) 11 6704 Information Technology Applications II (3.0) 12	
Journalism Newspaper	4 Credits 1743 Advance Digital Journal. I (1.0) 10- 12 1744 Advance Digital Journal. II (1.0) 11 - 12 1745 Advance Digital Journal. III (1.0) 12 And complete at least 1.0 credit from these course options: Any one of the 3 first level courses from Debate, Advanced Journalism Yearbook Production; 5815 Oral Interp. I (9-12, 1.0); 1703 Journalism I (9-12, 1.0); 1704 Independent Study in Journalism (9-12, 1.0); 1720 Photojournalism (9-12, 1.0)	
Marketing	4 Credits 8290 Principles of Business, Marketing, and Finance (1.0) 9-11 8306 Advertising (0.5) 9-12 8304 Sports and Entertainment Marketing (0.5) 9-12 6769 Social Marketing Media (.5) 9-12 8014 Fashion Marketing (0.5) 9-12 8318 Entrepreneurship (1.0) 10-12 8312 Practicum in Entrepreneurship (2.0) 11-12	
Oral Interpretation	4 Credits (By completing all three courses the student will earn this endorsement) 5815 Oral Interpretation/Public Speaking I (2.0) 9-12 5815 Oral Interpretation/Public Speaking II (2.0) 10-12 5816 Oral Interpretation/Public Speaking III (2.0) 10-12	
Digital Communications	4 Credits 6656 Principles of Arts, A/V Technology, and Communications (1.0) 9 5809 Professional Communications (0.5) 9-12 Must complete at least 2.0 credits from these course options: 6700 Video Game Design (1.0) 9-12 6731 Audio/Video Production I (1.0) 9-12 6741 Audio/Video Production II (1.0) 10-12 6742 Audio/Video Production II Lab (1.0) 10-12 6761 Practicum in Audio/Video Production (2.0) 11-12	
Yearbook	4 Credits 1746 Advanced Journalism I - Yearbook (1.0) 9-12 1744 Advanced Journalism II - Yearbook (1.0) 9-12 1745 Advanced Journalism III - Yearbook (1.0) 9-12 And complete at least 1.0 credit from these course options: Any one of the 3 first level courses from Debate, Advanced Digital Journalism, 5815 Oral Interp. I (9-12, 1.0); 1703 Journalism I (9-12, 1.0); 1704 Independent Study in Journalism (9-12, 1.0); 1720 Photojournalism (9-12, 1.0)	
These courses can be added to the end of any program of study as a capstone: 8289 Project Based Research I (1.0) 11-12 8315 Project Based Research II (1.0) 11-12 6745 Career Preparation I (2.0) 11-12 6746 Career Preparation II (2.0) 11-12 6767 Project Based Research III (1.0) 11-12 8310 Career Preparation I Extended (3.0) 11-12		