

O'Connor Endorsements

Programs of Studies

MULTIDISCIPLINARY STUDIES

4x4 (4 years of English, math, science, social studies)

Level 1	Level 2	Level 3	Year 4
Four Core Year 1	Four Core Year 2	Four Core Year 3	Four Core Year 4

SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)

	Level 1	Level 2	Level 3	Level 4
SCIENCE	Biology	Chemistry	Physics	Advanced Science 1 and Advanced Science 2
MATH	Algebra 1	Geometry	Math Models / Algebra 2	Advanced Math 1 and Advanced Math 2
COMPUTER SCIENCE	Principles of Computer Science AP*	Computer Science 1 Pre-AP*	Computer Science 2 AP	Computer Science 3 H
ENGINEERING	Principles of Applied Engineering*	Engineering Design & Presentation 1	Robotics 1*	Robotics 2

PUBLIC SERVICE

	Level 1	Level 2	Level 3	Level 4
EDUCATION	Principles of Human Services*	Child Development*	Child Guidance* (2 cr.) or Instructional Practices* (2 cr.)	Practicum in Education & Training (2 cr.)
JROTC	JROTC 1*	JROTC 2	JROTC 3	JROTC 4
HEALTH SCIENCE CLINICAL	Medical Terminology*	Principles of Health Science*	Health Science Theory and Clinical (2 cr)	Practicum Health Science (2 cr) or Anatomy & Physiology or Medical Microbiology

BUSINESS AND INDUSTRY

	Level 1	Level 2	Level 3	Level 4
BUSINESS MANAGEMENT & ADMINISTRATION	Principles of Business, Marketing and Finance*	Business Law*	Business Management*	Practicum in Business Management (2 cr.)
FINANCE	Principles of Business, Marketing and Finance*	Money Matters*	Accounting 1*	Accounting 2
MARKETING	Principles of Business, Marketing and Finance*	Advertising/Sports & Entertainment Marketing*	Entrepreneurship*	Practicum In Marketing (2 cr)
AUDIO VIDEO PRODUCTION	Principles of Information Technology*	Digital Media*	Audio Video Production 1* (2 cr)	Audio Video Production 2 (2 cr)
PHOTOGRAPHY	Principles of Information Technology*	Digital Media*	Commercial Photography 1*	Commercial Photography 2
ANIMATION	Principles of Information Technology*	Digital Media*	Animation 1*	Animation 2
GRAPHIC DESIGN	Principles of Information Technology*	Digital Media*	Graphic Design 1*	Graphic Design 2
ADVANCED JOURNALISM	Journalism*	Journalism News 1 or Journalism Yearbook 1	Journalism News 2 or Journalism Yearbook 2	Journalism News 3 or Journalism Yearbook 3
PUBLIC SPEAKING	Debate 1 H or Oral Interpretation 1*	Debate 2 H or Oral Interpretation 2	Debate 3 H or Oral Interpretation 3	Independent Study Speech
ARCHITECTURE	Principles of Architecture*	Architectural Design 1	Architectural Design 2 (2 cr)	Practicum in Architectural Design (2 cr)
FASHION DESIGN	Principles of Human Services*	Fashion Design*	Fashion Design 2 (2 cr)	Practicum In Fashion Design (2 cr)
CULINARY ARTS	Principles of Human Services*	Introduction to Culinary Arts*	Culinary Arts* (2 cr)	Practicum in Culinary Arts (2 cr) and/or Food Science
ANIMAL SCIENCE (two paths)	Principles of Agriculture, Food & Natural Res.* Principles of Agriculture, Food & Natural Res.*	Prof. Standards in Agribus./Prof. Communication Equine Sci./Prof. Comm. and/or Livestock	Wildlife and/or Agribusiness Management Veterinary Medical Applications	Practicum In Ag, Food, Natural Res (2 cr) Advanced Animal Science
PLANT SCIENCE	Principles of Agriculture, Food & Natural Res.*	Floral Design and/or Horticulture and/or Prof. Standards in Agribus./Prof. Communication	Greenhouse Operation & Production and/or Wildlife and/or Agribusiness Management	Advanced Plant Soil Science and/or Practicum In Ag, Food, Natural Resources (2 cr)
AGRICULTURAL MECHANICS (two paths)	Principles of Agriculture, Food & Natural Res.* Principles of Agriculture, Food & Natural Res.*	Ag Mechanics & Metal Technologies Prof. Standards in Agribus./Prof. Comm.	Ag Equipment Design & Fabrication Agribusiness Management & Marketing	Ag Structures Design & Fabrication Practicum In Ag, Food, Natural Resources(2 cr)

ARTS & HUMANITIES

	Level 1	Level 2	Level 3	Level 4
LOTE (French, German, Latin, Spanish)	International Language 1 1 st International Language 1	International Language 2 1 st International Language 2	International Language 3 2 nd International Language 1	International Language 4 2 nd International Language 2
FINE ARTS	Fine Arts 1	Fine Arts 2	Fine Arts 3	Fine Arts 4
SOCIAL STUDIES	World Geography	World History	US History	Government/ Economics and 1 Advanced Social Studies course
ENGLISH LANGUAGE ARTS	English 1	English 2	English 3	English 4 and 3 Advanced English Language Arts courses

*Available courses that do NOT require pre-requisites (but may have grade level restrictions)

To earn an Endorsement: Courses must be taken in a coherent sequence.

OHS Online Course Catalog: <http://ohscatalog.weebly.com/> Advanced Academics: <https://sites.google.com/a/nisd.net/oconnor-ellisk/home>

COURSE SELECTION	
1. English	
2. Math	
3. Science	
4. Social Studies	
5.	
6.	
7.	
Alternative:	

Advanced Math Courses/Electives:

Advanced Quantitative Reasoning (AQR)
 Algebra 2/ Algebra 2 PAP
 Algebra 3
 Calculus AB AP/ AP-Dual
 Calculus BC AP/ AP-Dual
 College Algebra Honors/Honors-Dual
 Computer Science 2 AP
 Pre-Calculus/PAP/PAP-Dual
 Statistics AP

Advanced Science Courses/Electives:

Advanced Animal Science
 Advanced Plant & Soil Science / Dual
 Anatomy & Physiology
 Aquatic Science
 Biology AP /AP-Dual
 Chemistry AP
 Earth & Space Science
 Environmental Science AP/ AP-Dual
 Food Science
 Forensic Science
 Medical Microbiology
 Physics / Physics 1 AP
 Physics 2 AP
 Physics C AP (2 credits)

Advanced English Language Arts Courses/Electives:

Academic Decathlon Honors 1-4
 English 4 College Prep
 English 4 Honors Dual
 Creative Writing/Literacy Magazine; Lit. Mag. 2-3
 Journalism
 Media Literacy

Name:
ID:

Advanced Social Studies Courses/Electives:

Comparative Religion Honors/Critical Issues
 Personal Finance/Street Law
 Psychology/Sociology
 Psychology AP/PAP

Fine Arts Courses/Electives:

Art 1-4
 Art 2D AP
 Art History AP
 Band* 1-4
 Jazz Band 1-4
 Band Flags* 1-4
 Choir 1-4 (see Mr. Thames for course placement)
 Dance 1-4
 Music Theory AP
 Orchestra 1-4
 Pep Squad*
 Technical Theatre 1-4
 Theatre 1-4
 (*Year 1 & 2 earn 1.0 Fine Art & .5 PE credits per year)

Other Electives:

Athletics
 AVID 1-4 (AVID 2 earn .5 Speech)
 Career Preparation (COOP) (3 credits)
 GT Student Leadership 1 Honors(1.5 credits including .5 Speech)
 GT Leadership 2 Honors (.5 credit)
 Independent Study Mentorship (ISM) 1 & 2
 (1.5 credits including .5 Speech)
 PE Team Sports/Individual Sports
 PE Weight Training
 Photo Journalism
 Senior Seminar
 Sports Medicine, Health, Speech, or PE
 Sports Medicine 2

No Credit Courses:

Off Campus 1st period
 Off Campus 7th period
 Off Campus 8th period
 Office Assistant

Dual Credit Courses @ NVC or St. Philips

Adv. Technology & Manufacturing 1-2
 Alamo Area Aerospace 1-2
 Court Systems & Practices
 Information Technology & Security 1-2
 Introduction to Pharmacy
 Law & Public Safety
 Medical Terminology