

9TH GRADE Guidance and Endorsement Presentation



Class of 2020

:

*GRADUATION REQUIREMENTS:

* EARN 26 CREDITS

*PASS 5 STAAR/ EOC EXAMS

*SPECIFIC REQUIRED COURSES

*4 YEAR PLAN/ ENDORSEMENT


GPA (GRADE POINT AVERAGE)
CALCULATION

CREDITS


CREDITS, *not* your number of years in high school will Determine Your Grade Level

You earn .5 credit each time you pass a class at the end of the semester. The grade is recorded on your transcript and **WILL REMAIN there FOREVER!!!!**

**CREDITS Required for
Promotion to Next Grade:**



10th	6 credits
11th	12 credits
12th	18 credits



**26 Credits to
Graduate**

How to Calculate Your GPA – Grade Point Average

Number Grade (Numerical)	Regular	Weighted
90-100	4.0	5.0
80-89	3.0	4.0
70-79	2.0	3.0
Below 70	0	0

**You will have a GPA at the
end of your Freshman year and
a Rank at the end of your Sophomore year.**

Five State Required STAAR/EOC exams~

9th Grade:

- Algebra 1
- Biology
- English 1

10th Grade

- English 2

11th Grade

- US History

- No STAAR EOC ASSESSMENTS IN 12TH GRADE IF YOU PASSED REQUIRED TESTS PREVIOUSLY 😊



Students, have you ever noticed that your attention span can cause issues in learning because you miss some information?

Why am I pointing this out? Because we want you to be aware of EVERY ELECTIVE that is offered at DHS and the ATC!

Why? Because you cannot make good decisions about what elective classes to take without having ALL of the information.

We have Jr and Sr students every year that *REGRET* their lack of knowledge about their course options. They say things like . . .

‘You never told me I had to take Principles of Health Science in 10th grade to be able to take the cool Sr medical classes like EMT ...’

or

‘I wish I had known about that course or program. I could have earned certificates in that field while in high school!’

DON'T BE ONE OF THESE STUDENTS!

REMEMBER: high school is your last opportunity to take FREE electives. When you go to college or trade school, your electives are called a MAJOR and YOU PAY hundreds or thousands of dollars FOR EACH CLASS! So, the goal is to choose electives that will help you narrow down your college major or career choice while in high school.

This will save you time and money!

Denton Independent School District 2016-2017**Course Selection Request Card/ Personal Graduation Plan****Student ID#** _____**Name:** _____**Campus:** _____**Career Goal:** _____**Endorsement:** _____**SubEndorsement:** _____**PARENT/GUARDIAN INFORMATION:**

Parent Name: _____ Parent Cell: _____ Parent Email: _____
 Student Email: _____ Student Cell: _____

	English	Math	Science	Social Studies				
9	English 1 OR Pre-AP English 1	Algebra 1 OR Pre-AP Alg 1 OR _____	Biology OR Pre-AP Biology	W. Geography OR Pre-AP W. Geog.	World Language 1 OR Elective: _____	High School 101 AND Professional Communications	P.E. OR Elective: _____	Fine Art OR Elective: _____
10	English 2 OR Pre-AP English 2	Geometry OR Pre-AP Geom OR _____	Chemistry OR Pre-AP Chemistry	W. History OR Pre-AP W. History	World Language 2 OR Elective: _____			
11	English 3 OR AP English 3	Algebra 2 OR Pre-AP Alg 2 OR _____	Physics OR AP Physics	US History OR AP US History				
12	English 4 OR AP English 4	4 th Math (naviance has options)	4 th Science (naviance has options)	Economics OR AP Economics AND Government OR AP Government				

List Four Alternate Course Choices for Grade 9:

1. _____ 2. _____ 3. _____ 4. _____

COURSE REQUEST/SCHEDULE CHANGE POLICY

The signature of student and parent constitutes a mutual agreement that the above selected courses are being requested. Every attempt will be made to give the student the requested classes. Electives are subject to availability. Staffing and instructional materials needed are based on student enrollment; therefore, schedule changes will not occur.

I understand that my child has chosen the endorsement listed above. I realize that under House Bill 5, an endorsement must be chosen as a freshman. I understand that this endorsement will determine the types of courses my child will take during their high school education. They have my approval to pursue the endorsement listed above.

Student Signature_____
Parent Signature and Date

Denton ISD Graduation Requirements

Core Classes:

- English – 4 Credits
- Math – 4 Credits
- Science – 4 Credits
- Social Studies – 4 Credits

Denton ISD Graduation Requirements

You Will Also Need:

- World Language – 2 Credits
- Physical Education – 1 Credit
- Professional Communications – ½ Credit
- Fine Arts – 1 Credit
- *At least 6 ELECTIVE Credits of your choice.*

Denton Independent School District 2016-2017**Course Selection Request Card/ Personal Graduation Plan****Student ID#** _____**Name:** _____**Campus:** _____**Career Goal:** _____**Endorsement:** _____**SubEndorsement:** _____**PARENT/GUARDIAN INFORMATION:**

Parent Name: _____ Parent Cell: _____ Parent Email: _____

Student Email: _____ Student Cell: _____

	English	Math	Science	Social Studies				
9	English 1 OR Pre-AP English 1	Algebra 1 OR Pre-AP Alg 1 OR _____	Biology OR Pre-AP Biology	W. Geography OR Pre-AP W. Geog.	World Language 1 OR Elective: _____	High School 101 AND Professional Communications	P.E. OR Elective: _____	Fine Art OR Elective: _____
10	English 2 OR Pre-AP English 2	Geometry OR Pre-AP Geom OR _____	Chemistry OR Pre-AP Chemistry	W. History OR Pre-AP W. History	World Language 2 OR Elective: _____			
11	English 3 OR AP English 3	Algebra 2 OR Pre-AP Alg 2 OR _____	Physics OR AP Physics	US History OR AP US History				
12	English 4 OR AP English 4	4 th Math (naviance has options)	4 th Science (naviance has options)	Economics OR AP Economics AND Government OR AP Government				

List Four Alternate Course Choices for Grade 9:

1. _____ 2. _____ 3. _____

COURSE REQUEST/SCHEDULE CHANGE POLICY

The signature of student and parent constitutes a mutual agreement that the above selected courses are requested. Every attempt will be made to give the student the requested classes. Electives are subject to availability. Staffing and instructional materials needed are based on the request. Therefore, schedule changes will not occur.

I understand that my child has chosen the endorsement listed above. I realize that under the current endorsement must be chosen as a freshman. I understand that this endorsement will determine the types of courses my child will take during their high school career. I have my approval to pursue the endorsement listed above.

Student Signature_____
Parent Signature and Date

:

4 YEAR PLANNING UPDATE:

ELECTIVES AT DHS &
ATC
(ADVANCED TECHNOLOGY
COMPLEX)

Students, have you ever noticed that your lack of attention span can cause you to miss important information?

Why am I pointing this out? Because we want you to be aware of EVERY ELECTIVE that is offered at DHS and the ATC!

Why? Because you cannot make good decisions about what elective classes to take without having ALL of the information.

We have Jr and Sr students every year that *REGRET* their lack of knowledge about their course options. They say things like . . .

You never told me I had to take Principles of Health Science in 10th grade to be able to take the cool Sr medical classes ...

or

I wish I had known about that course or program. I could have earned certificates in that field while in high school!

DON'T BE ONE OF THESE STUDENTS!

We're here to TELL YOU ALL ABOUT THESE CLASSES SO LISTEN UP!!!!

Remember that high school is your last opportunity to take FREE or close to free electives. When you go to college or trade school, your electives are called a MAJOR and YOU PAY hundreds of dollars FOR EACH OF THEM! So, the goal is to choose some that will help you narrow down your college major or career choice while in high school.

Endorsements

Business and Industry

Public Service

**Science, Technology, Engineering,
and Mathematics (STEM)**

Arts and Humanities

Multidisciplinary



**So, what do you want to be when you grow up??
Has it changed since you created your original 4 year plan.**

ELECTIVES

Follow along and if you see something you like on the screen in the presentation, NOTE the name of the sequence on the slide.
Then, place a check in the box next to the Career Cluster and circle which pathway in which you are interested.

9th Grade 4 Year Planning UPDATE

Career Goal: **Auto** Endorsement: **Business & Industry** Pathway: **Ag Mech & Auto Tech**

Business and **Mechanics**

<input checked="" type="checkbox"/>	Agriculture, Food, and Natural Resources
	Agriculture Mechanics and Metal Technologies and Animal Science (Veterinary Science careers)
	Architecture and Construction
	Architectural Design, Construction Management, HVAC and Interior Design
	Arts, A/V Technology & Communication
	Audio/ Video Production, Animation, Graphic Design, Photography, and Fashion Design
	Business Management & Administration
	Data Management, Business Management, and Business Ownership
	Finance
	Accounting and Investments
	Hospitality & Tourism
	Hospitality Services and Culinary Arts
	Information Technology
	Computer Maintenance and Cisco Systems
	Journalism and Debate
	Journalism and Debate programs
	Manufacturing
	Welding and Precision Metal Manufacturing
	Marketing
	Marketing and Entrepreneurship
<input checked="" type="checkbox"/>	Transportation, Distribution & Logistics
	Automotive Technology, Aircraft Technology, and Logistics



CTE Advanced Electives



Business and Industry: Agriculture, Food, and Natural Resources

Agriculture Mechanical Systems



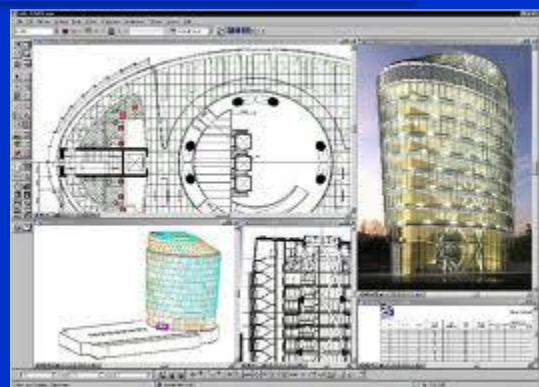
Animal Science



Careers: Veterinary Technician, Farm Labor Contractor, Aqua-cultural Manager, Recycling Coordinator, Fish and Game Warden, Farm and Ranch Manager, Precision Agriculture Technician, Nursery and Greenhouse Manager, Farm Equipment Mechanic and Service Technician, Animal Breeder, Nonfarm

Business and Industry: Architecture and Construction

Architectural Design



Interior Design



Careers: Architect, Carpenter, Computer Aided Design Drafter, Electrician, General Maintenance and Repair Worker, Heating/AC Technician, Heavy Equipment Operator, Plumber, Solar Energy Installation Manager, Interior Designer, Closet and Storage System Designer, Facility Manager, Set and

Business and Industry

Business and Industry: Arts, A/V Technology and

Media Technology



Graphic Design



Animation



Fashion Design



Commercial Photography



Careers: Broadcast Technician, Graphic Designer, Film and Video Editor, Sound Engineering Technician, Multimedia Artist and Animator, Digital Marketing Specialist, Advertising and Promotions Manager, Photographer, Prepress Technician, Agent/Manager,

Business and Industry

Business and Industry: Business Management and Administration

Data Management



Business Management



Business Ownership



Careers: Customer Service Representative, Executive Administrative Assistant, Management Analyst, Sustainability Specialist, Human Resources Specialist, Compliance Manager, Operations Manager, Entrepreneur, Logistician, Chief Executive, Training and Development Specialist

Business and Industry: Finance

Banking and Finance



Personal Finance



BUDGET & EXPENSE PLANNER											
Category	Person	Item	Type	Budget Type	Frequency	Unit Qty	Current Budget Amount	Budget Diff	Actual Amount	Monthly Amount (\$000)	Monthly Amount (\$000)
REVENUE: Your Income											
Income											
Essential Salary		Salary	F	Monthly	1		2,500.00	0.00	2,500.00	2,500	2,500.00
Essential Bonus		Bonus	F	Annually	1		1,000.00	0.00	0.00	0	1,000.00
Zoe Tax Refund		Tax Refund	F	Annually	1		500.00	0.00	0.00	0	500.00
Zoe Salary		Salary	F	Monthly	1		2,000.00	0.00	2,000.00	2,000	2,000.00
Zoe Bonus		Bonus	F	Annually	1		500.00	0.00	0.00	0	500.00
Zoe Tax Refund		Tax Refund	F	Annually	1		250.00	0.00	0.00	0	250.00
Sub Total Income							6,750.00		6,750.00	6,750	6,750.00
Rental Property											
Rental Rental Income		Property	F	Monthly	1		800.00	0.00	800.00	800	800.00
Zoe Tax Refund		Tax Refund	F	Annually	1		400.00	0.00	0.00	0	400.00
Sub Total Rental Property							1,200.00		1,200.00	1,200	1,200.00
Home Expenses											
Essential Mortgage		Property	F	Monthly	1		500.00	0.00	500.00	500	500.00
Essential Contents Insurance		Insurance	F	Monthly	1		50.00	0.00	50.00	50	50.00
Essential Electricity		Utilities	F	Quarterly	1		60.00	0.00	0.00	0	60.00
Essential Gas		Utilities	F	Quarterly	1		65.00	0.00	0.00	0	65.00
Essential Water		Utilities	F	Quarterly	1		50.00	0.00	0.00	0	50.00
Essential Satellite Sky		Communications	F	Monthly	1		70.00	0.00	70.00	70	70.00
Essential Internet		Communications	F	Quarterly	1		75.00	0.00	0.00	0	75.00
Essential Mobile		Communications	F	Monthly	1		25.00	0.00	25.00	25	25.00
Essential Credit Card 1 Repayment		Credit	F	Monthly	1		25.00	0.00	25.00	25	25.00
Zoe Mobile		Communications	F	Monthly	1		25.00	0.00	25.00	25	25.00
Zoe Loan		Credit	F	Monthly	2		150.00	0.00	150.00	150	150.00
Zoe Credit Card 2 Repayment		Credit	F	Monthly	1		50.00	0.00	50.00	50	50.00



Careers: Accountant; Auditor; Billing, Cost and Rate Clerk; Credit Analyst; Financial Analyst; Financial Manager; Statistician; Tax Examiner and Collector; Revenue Agent; Treasurer and Controller

Business and Industry: Hospitality and Tourism

Hospitality Management



Culinary Arts



Careers: Concierge, Pastry Chef, Private Chef, Executive Chef, Research Chef, Cook, Food Service Manager, Meeting, Convention, and Event Planner, Interpreter/ Translator, Lodging Manager, Tour Guide, Travel Agent, Dietitian/ Nutritionist

Business and Industry: Information Technology

Computer Maintenance



Cisco Internetworking



Careers: Telecommunications and Network Cable Installer, Computer Software/Hardware Support Technician, Network Support Technician, Computer Repair Technician, Network Analyst, Network Administrator, Programmer

Business and Industry: Journalism, Newspaper and Yearbook



Careers: Advertising, Copywriter, Editor, Institutional Editor, Newscaster, Technical Writer, Journalist, Public Speaker, Motivational Speaker, Lawyer, Politician, Manager

Business and Industry: Manufacturing

Aerospace Manufacturing



Welding



Careers: Manufacturing Engineer; Product Design Engineer; Environmental Test Technician; Robotics Technician; Sheet-metal Worker; Welder, Cutter, Solderer and Brazier; Structural Metal Worker; Plumber; Pipefitter or Steamfitter; Welding Inspector; Welding Technician

Business and Industry: Marketing

Advertising and Sales



Careers: Digital Media Coordinator, Interface Artist, Search Engine Optimization Analyst (SEO), Social Media Coordinator, User Interface Artist, Marketing Research Manager, Brand Specialist, Sports Marketing Manager, Sports Agent,

Business and Industry: Transportation, Distribution, and Logistics

Automotive Technology



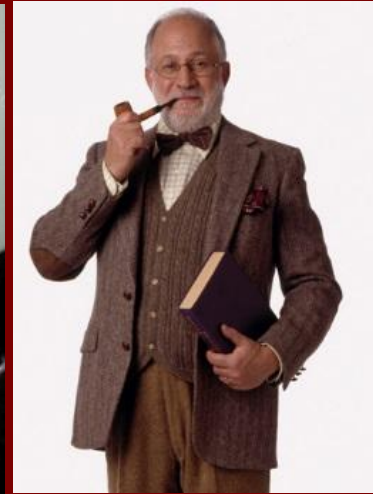
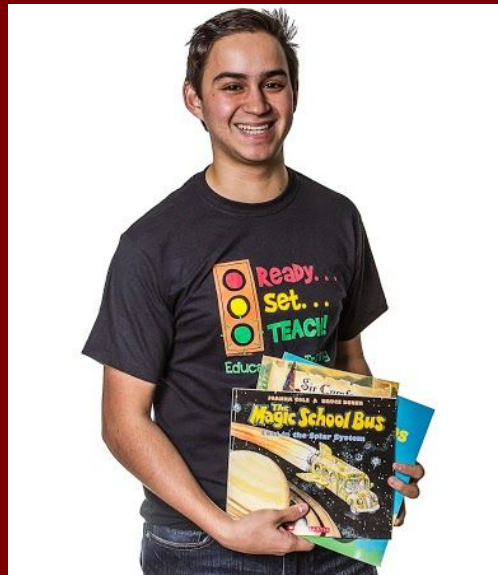
Aircraft Technology



Careers: Automotive Master Mechanic, Automotive Specialty Technician; Pilot, Aircraft Structure, Surfaces, Rigging, & Systems Assemblers, Aerospace Engineering & Operations Technicians, Airframe & Power Plant Mechanic.

Public Service: Education and Training

Education



Careers: School Teacher, School Counselor, School Librarian, Principal, Speech Therapist, Coach, College Instructor, Adult Literacy Educator ,

Public Service: Health Science/Medical

Advanced Clinical Specialization

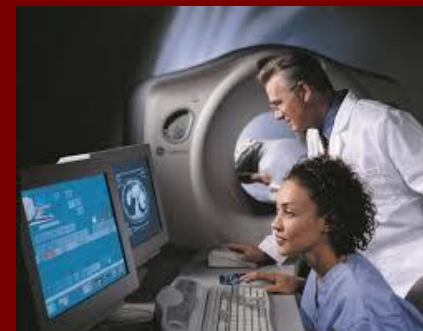


Pharmacology



Emergency Medical Technician

Allied Health



Certified Nursing Assistant



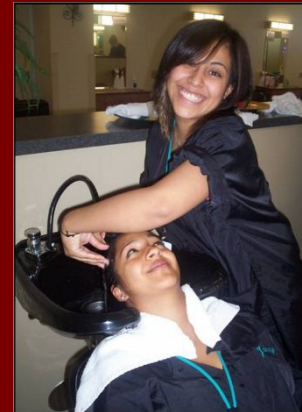
Careers: Doctor, Nurse Practitioner, Clinical Data Manager, Biomedical Engineer, Pharmacist, Medical Assistant, Surgical Technologist, Anesthesiologist, Genetic Counselor, Neurologist, Occupational Therapist, Laboratory Technician, Pathologist, Physical Therapist, Psychiatrist, Radiation Therapist, Emergency Medical Technician, Fireman

Public Service: Human Services

Child Care Management



Cosmetology



Counseling and Mental Health



Careers: Clinical Psychologist, Mental Health Counselor, Social Worker, Child Care Worker, Nanny, Health Care Social Worker, Social and Human Service Assistant, Barber, Funeral Attendant, Hairstylist and Cosmetologist, Massage Therapist, Skincare Specialist, Manicurist, Child Care Director, Clergy

Public Service: AFJROTC

JROTC			
9th Grade	10th Grade	11th Grade	12th Grade
JROTC 1	JROTC 2	JROTC 3	JROTC 4



Careers: Aviation, Computer Science, Community Service, Government Agencies, Military, Space Exploration



Public Service: Law, Public Safety, Corrections and

Security

Pre-Law



Criminal Investigation



Law Enforcement



Careers: Probation Officer, Security Guard, Correctional Officer, Emergency Medical Technician, Police and Sheriff's Patrol Officer, Fireman, Lawyer, Judge, Intelligence Analyst, Loss Prevention Manager, Security Manager, Mediator, Forensic Investigator, Hearing Officer, Paralegal and Legal Assistant, Fire Inspector, Bailiff, Court Reporter

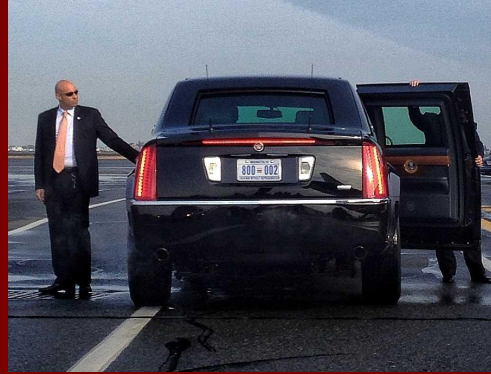
Public Service

Public Service: Government and Public Administration

National Security and Foreign Services

Public Service

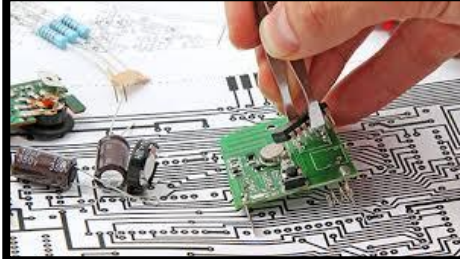
TOP SECRET



Careers: Special Forces Officer, Economist, Ambassador, Diplomat, Administrative Services Manager, General and Operations Manager, Mapping Technician, Climate Change Analyst, Compliance Officer, City Manager

STEM: Electronics and Engineering

Electronics



Advanced Engineering- Project Lead the Way



Careers: Biochemical Engineer, Biomedical Engineer, Chemical Engineer, Civil Engineer, Electrical Engineering Technologist, Electromechanical Engineering Technologist, Logistics Engineer, Nanotechnology Engineering Technician

Science, Technology, Engineering,
and Mathematics (STEM)

STEM: Math or Science

Math Sequence - Regular, Pre AP or AP, IB

Algebra 1

Geometry

Algebra 2

2 Additional Math Courses

Additional Math Courses: Pre-Calculus, Advanced Quantitative Reasoning, AP Statistics, AP Calculus AB or BC, AP Computer Science, Engineering Math, IB Math Studies SL, IB Mathematics SL, IB Mathematics HL

Science Sequence - Regular, Pre AP or AP, IB

Biology

Chemistry

Physics

2 Additional Science Courses

Science Choices: Anatomy and Physiology, Aquatic Science, Scientific Research & Design, Food Science, Forensic Science, AP Environmental Science, AP Biology, AP/IB Chemistry, AP Physics, IB Bio, IB Physics, and IB Environmental Systems and Societies.



Careers: Bioinformatics Technician, Biostatistician, Biofuels/Biodiesel Technology Product Development Manager, Computer Programmer, Environmental Restoration Planner, Geospatial Information Scientist and Technologist, Market Research Analyst, Statistician, Water Resource Specialist

Arts and Humanities

Arts and Humanities: Fine Arts

9th Grade	10th Grade	11th Grade	12th Grade
Art 1	Art 2 - Drawing, Painting, Ceramics, Sculpture	Art 3 - Drawing, Painting, Ceramics, Sculpture	Art 4 - Drawing, Painting, Ceramics, Sculpture
Dance 1	Dance 2	Dance 3	Dance 4
Music 1 - Band, Choir, Orchestra	Music 2 - Band, Choir, Orchestra	Music 3 - Band, Choir, Orchestra	Music 4 - Band, Choir, Orchestra
Theatre 1: Theatre Arts, Theatre Production, Technical Theatre	Theatre 2: Theatre Arts, Theatre Production, Technical Theatre	Theatre 3: Theatre Arts, Theatre Production, Technical Theatre	Theatre 4: Theatre Arts, Theatre Production, Technical Theatre



Careers: Painter, Director, Sculptor, Art Gallery Manager, Composer, Conductor, Recording Artist, Music Therapist, Designer for Stage and Screen, Professional Actor, Choreographer, Dancer

Arts and Humanities: World Language



French 1	French 2/Pre AP French 2	Pre AP French 3	AP French 4
German 1	German 2/Pre AP German 2	Pre AP German 3	AP German 4
Latin 1	Latin 2/Pre AP Latin 2	Pre AP Latin 3	AP Latin 4
American Sign Language 1	American Sign Language 2	American Sign Language 3	American Sign Language 4
Spanish 1/Pre AP Spanish 1	Spanish 2/Pre AP Spanish 2	Spanish 3/Pre AP Spanish 3	AP Spanish 4/AP Spanish 5

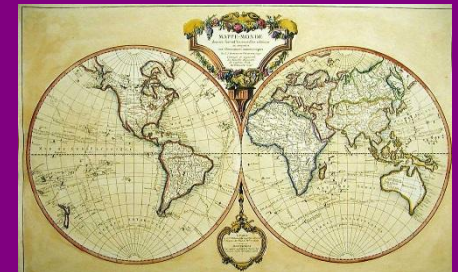
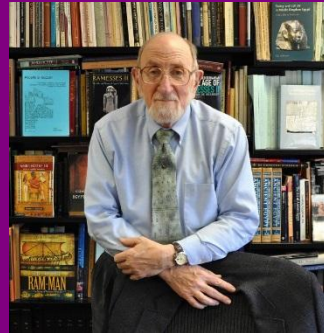


Careers: Tour Guide, Ambassador, Bilingual Secretary, Diplomat, Travel Agent, International Relations, Foreign Correspondent, Translator

Arts and Humanities: Social Studies

9th Grade	10th Grade	11th Grade	12th Grade
World Geography	World History	US History	Government/Economics (One additional Social Studies Credit)

Additional Social Studies Courses: AP European History (11-12), Sociology (.5) (11-12), Psychology (.5)/AP Psychology (.5) (11-12), AP Human Geography (9), Personal Financial Literacy (.5) (10-12)



Careers: Curator, Politician, Foreign Affairs, Anthropologist, Civic Service, Economist, Sociologist, Psychologist, History Teacher or Professor

ENDORSEMENTS & CAREER CLUSTERS

BUSINESS & INDUSTRY

Agriculture, Food & Natural Resources

Architecture & Construction

Arts, A/V Technology & Communication

Business Management & Administration

Finance

Hospitality & Tourism

Information Technology

Manufacturing

Marketing

Transportation, Distribution & Logistics

PUBLIC SERVICE

Education & Training

Government & Public Administration

Health Science

Human Services

Law, Public Safety, Corrections & Security

MULTIDISCIPLINARY

4 Credits in each of the Four Core Foundation Areas (the 4 x 4) & Four Advanced Level CTE Courses

STEM-Science, Technology, Engineering & Mathematics

Engineering

Electronics

ARTS & HUMANITIES

Art

Dance

Music

Theater

Denton ISD Career and Technology Education(CTE) Endorsement Coherent Sequences

Denton ISD Career Counselors

Jeanie Bragg, Guyer High School, (940)369-1033, jbragg@dentonisd.org

Angela Clouse, Ryan High School, (940)369

Kimberly Keith, Denton High School, (940)369-2020, kkeith@dentonisd.org

Susan Reyes, ATC, (Bilingual) (940)36

This guide highlights Academic and CTE Coherent Sequences organized by clusters for the Business, Humanities and Science, Technology, Engineering and Math (STEM) endorsements. Each CTE Coherent Sequence begins with a sequence of courses in the 9th Grade and ends with an advanced course in the 12th Grade.

The columns represent **GRADE LEVELS.**

9th

10th

11th

12th

Grade

h

Business and Industry Endorsement Major

Agriculture, Food, and Natural Resources

Agriculture Mechanical Systems

Professional Communications (9-12) (.5)

Principles of Agriculture, Food & Natural Resources (9-12) (1) and Agricultural Mechanics & Metal Technologies (10-12)(1)

Agricultural Structures Design and Fabrication (11-12) (1)

Welding (11-12) (2) (Advanced)

Animal Science

Professional Communications (9-12) (.5)

Principles of Agriculture, Food & Natural Resources (9-12) (1) and Small Animal Management(10-12) (.5) and Equine Science (10-12) (.5)

Livestock Production (11-12) (1) or Wildlife, Fisheries & Ecology Management (10-12) (1)

Advanced Animal Science (11-12) (1) (Science Credit) (Advanced)

Pre-Vet

Professional Communications (9-12) (.5)

Principles of Agriculture, Food & Natural Resources (9-12) (1) and Small Animal Management(10-12) (.5) and Equine Science (10-12) (.5)

Advanced Animal Science (11-12) (1) (Science Credit)

Veterinary Medical Applications (1) (12) (Advanced)

Architecture and Construction

Interior Design

Professional Communications (9-12) (.5)

Floral Design (10-12)(1) (Fine Arts Credit) and Architecture Design I

Interior Design (10-12) (1)

Interior Design II (11-12) (2) (Advanced)

Architectural Design

Professional Communications (9-12) (.5)

Sequence/Pathway Sheet

(2) (Advanced)

Construction Management

Professional Communications (9-12) (.5)

Principles of Construction (9-12) (1)

Construction Management I (11-12) (2)

Construction Management II (12) (2) (Advanced)

9th Grade

10th Grade

11th Grade

12th Grade

Business and Industry Endorsement/Major

Business Management and Administration

Data Management

Career Cluster

Endorsement (you will write this at the top of your course card)

Sequence

Business Management

Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Business Information Management II (10-12) (Advanced)	
Business Ownership			
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Business Management (10-12) (1)	Business Law (1) (11-12) (Advanced) or Global Business (.5) (11-12) and Human Resources Management (11-12) (.5)
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Entrepreneurship (10-12) (1) (Advanced)	Business Law (1) (11-12) (Advanced) or Global Business (.5) (11-12) and Human Resources Management (11-12) (.5)

Finance

Banking and Finance

Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Securities & Investments (10-12) (1)	Accounting I (10-12) (1)	Accounting II (11-12) (1) (Math Credit) (Advanced)
Personal Finance			
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Securities & Investments (10-12) (1)	Business Information Management I (9-12) (1) or	Business Information Management II (9-12) (1) (Advanced) or Business Law (11-12) (1)

Hospitality and Tourism

Hospitality Management

Professional Communications (9-12) (.5)	Introduction to Culinary (10-12) (1)	Hospitality Services (11-12) (2) (Advanced)	Practicum in Hospitality Services (12) (2) (Advanced)
Culinary Arts			
Professional Communications (9-12) (.5)	Introduction to Culinary (10-12) (1)	Culinary Arts (11-12) (2) (Advanced)	Advanced Culinary Arts (12) (2) (Advanced)

Information Technology

Computer Maintenance

Professional Communications (9-12) (.5)	Business Information Management (9-12) (1)	Computer Maintenance and Lab (11-12) (2) (Advanced)	Computer Technician Practicum (12) (2) (Advanced)
Cisco Internetworking			
Professional Communications (9-12) (.5)	Business Information Management (9-12) (1)	Cisco Internetworking Technologies I (11-12) (1) and Cisco Internetworking Technologies II (11-12)	Computer Maintenance and Lab (11-12) (2) (Advanced)

9th Grade		10th Grade		11th Grade		12th Grade	
Business and Industry Endorsement/Major							
Business Management and Administration							
Data Management							
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Business Information Management II (10-12) (1)	Business Law (1) (11-12) (Advanced)			
Sequence (You will write the courses in your sequence that match the 10 th grade year.)							
Business Management							
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Business Management (10-12) (1)	Business Law (1) (11-12) (Advanced) or Global Business (.5) (11-12) and Human Resources Management (11-12) (.5)			
Business Ownership							
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Principles of Business, Marketing & Finance (9-12) (1) and Business Information Management I (9-12) (1)	Entrepreneurship (10-12) (1) (Advanced)	Business Law (1) (11-12) (Advanced) or Global Business (.5) (11-12) and Human Resources Management (11-12) (.5)			
Finance							
Banking and Finance							
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Securities & Investments (10-12) (1)	Principles of Business, Marketing & Finance (9-12) (1) and Securities & Investments (10-12) (1)	Accounting I (10-12) (1)	Accounting II (11-12) (1) (Math Credit) (Advanced)			
Personal Finance							
Professional Communications (9-12) (.5)	Principles of Business, Marketing & Finance (9-12) (1) and Securities & Investments (10-12) (1)	Principles of Business, Marketing & Finance (9-12) (1) and Securities & Investments (10-12) (1)	Business Information Management I (9-12) (1) or Securities & Investments (10-12) (1)	Business Information Management II (9-12) (1) (Advanced) or Business Law (11-12) (1)			
Hospitality and Tourism							
Hospitality Management							
Professional Communications (9-12) (.5)	Introduction to Culinary (10-12) (1)	Introduction to Culinary (10-12) (1)	Hospitality Services (11-12) (2) (Advanced)	Practicum in Hospitality Services (12) (2) (Advanced)			
Culinary Arts							
Professional Communications (9-12) (.5)	Introduction to Culinary (10-12) (1)	Introduction to Culinary (10-12) (1)	Culinary Arts (11-12) (2) (Advanced)	Advanced Culinary Arts (12) (2) (Advanced)			
Information Technology							
Computer Maintenance							
Professional Communications (9-12) (.5)	Business Information Management (9-12) (1)	Business Information Management (9-12) (1)	Computer Maintenance and Lab (11-12) (2) (Advanced)	Computer Technician Practicum (12) (2) (Advanced)			
Cisco Internetworking							
Professional Communications (9-12) (.5)	Business Information Management (9-12) (1)	Business Information Management (9-12) (1)	Cisco Internetworking Technologies I (11-12) (1) and Cisco Internetworking Technologies II (11-12)	Computer Maintenance and Lab (11-12) (2) (Advanced)			

Sequence (You will write the courses in your sequence that match the 10th grade year.)

Human Services

Child Care Management			
Professional Communications (9-12) (.5)	Principles of Human Services (9-12) (1)	Child Development (10-12) (1)	Human Growth & Development (10-12) (1) and Dollars and Sense (10-12) (.5) or Human Services - Child Development (10-12) (.5) or Child Guidance (10-12) (1) (Advanced)
Counseling and Mental Health			
Professional Communications (9-12) (.5)	Business Information Management 1 (9-12) (1) and Principles of Human Services (9-12) (1)		
Cosmetology			
Professional Communications (9-12) (.5)	Principles of Cosmetology Design and Theory (10-12) (1) and Intro to Cosmetology (10-12) (1)	Cosmetology I (11) (2) and Practicum in Human Services - Cosmetology I(11) (2) (Advanced)	Cosmetology II (12) (2) and Practicum in Human Services - Cosmetology II(11) (2) (Advanced)

Cosmetology (COSMO) takes up ALL 4 elective blocks your 11th & 12th grade years.

Law, Public Safety, Corrections and Security

Pre Law		World Language 1 OR Elective	Required	P.E. OR Elective:	Fine Art OR Elective:
Professional Communications (9-12) (.5)	Principles of Law and Security (9-12)	Required	Professional Communications	Required	Required
Criminal Investigation		World Language 2 OR Elective			
Professional Communications (9-12) (.5)	Principles of Law and Security (9-12)	Required			
Law Enforcement					
Professional Communications (9-12) (.5)	Principles of Law and Security (9-12)				
STEM: Science, Technology, Engineering, and Mathematics		11 th	Cosmetology 1		
		12 th	Cosmetology 2		

Electronics			
Professional Communications (9-12) (.5)	Digital Electronics (10-12) (1) (Math Credit)	AC/DC Electronics (11-12) (1) (Advanced) and Solid State Electronics (11-12) (1)	Practicum in STEM - Electronics (12) (2) (Advanced)
Advanced Engineering -Project Lead the Way			
Professional Communications (9-12) (.5)	Digital Electronics (10-12) (1) (Math Credit)	Advanced Engineering Design Problem Solving (12) (1)	Advanced Engineering Design & Problem Solving (12) (1)

Human Services

Child Care Management			
Professional Communications (9-12) (.5)	Principles of Human Services (9-12) (1)	Child Development (10-12) (1)	Human Growth & Development (10-12) (1) and Dollars and Sense (10-12) (.5) or Interpersonal Studies (10-12) (.5) or Child Guidance (10-12) (1) (Advanced)
Counseling and Mental Health			
Professional Communications (9-12) (.5)	Business Information Management 1 (9-12) (1) and Principles of Human Services (9-12) (1)	Human Growth & Development (10-12) (1)	Counseling and Mental Health (10-12) (1) (Advanced)
Cosmetology			
Professional Communications (9-12) (.5)	Principles of Cosmetology Design and Color Theory (10-12) (1) and Intro to Cosmetology (10-12) (1)	Cosmetology I (11) (2) and Practicum in Human Services - Cosmetology I (11) (2) (Advanced)	Cosmetology II (12) (2) and Practicum in Human Services - Cosmetology II (12) (2) (Advanced)

10th grade

Law, Public Safety, Criminal Justice

Pre Law	Science				
Professional Communications (9-12)	Biology	World Language 1 OR Elective: <u>Required</u>	Required Professional Communication	P.E. OR Elective: <u>Required</u>	Fine Art OR Elective: <u>Required</u>
Criminal Investigation	Pre-AP Biology				
Professional Communications (9-12)	Chemistry	World Language 2 OR Elective: <u>Required</u>		IED CIM	
Law Enforcement	Pre-AP Chemistry				
Professional Communications (9-12)					

STEM Science, Technology, Engineering, and Mathematics Endorsement / Major

Electronics			
Professional Communications (9-12) (.5)	Digital Electronics (10-12) (1) (Math Credit)	STEM - Electronics (12) (2) (Advanced)	
Advanced Engineering - Project Lead the Way			
Professional Communications (9-12) (.5) & Intro to Engineering Design (9-12) (1)	Digital Electronics (10-12) (1) (Math Credit)	Robotics I (11-12) (1) (Fall) and Principles of Engineering (11-12) (1) (Science Credit) (Spring) (Advanced)	Engineering Design Problem Solving (12) (1) (Science Credit) and Engineering Design & Presentation (12) (1)

You may begin the ATC Engineering Program in 10th grade.

Intro to Engineering Design/Digital Electronics

Academic Endorsements

Business and Industry Academic Endorsement/Major

Journalism, Newspaper and Yearbook

	Advanced Journalism 1	Advanced Journalism 2 - Newspaper	Advanced Journalism 3 - Newspaper
	Advanced Journalism 1	Advanced Journalism 2 - Yearbook	Advanced Journalism 3 - Yearbook
	Debate 1	Debate 2 and Public Speaking	Debate 3

Public Service Endorsement/Major

ROTC

JROTC 1	JROTC 2	JROTC 3	JROTC 4
---------	---------	---------	---------

STEM: Science, Technology, Engineering and Math Endorsement/Major

Math Sequence - Regular, Pre AP or AP

Algebra 1	Geometry	Algebra 2	2 Additional Math Courses
-----------	----------	-----------	---------------------------

Additional Math Courses: Pre-Calculus, Advanced Quantitative Reasoning, AP Statistics, AP Calculus AB or BC, AP Computer Science, Digital Electronics

Science Sequence - Regular, Pre AP or AP

Biology	Chemistry	Physics	2 Additional Science Courses
---------	-----------	---------	------------------------------

Science Choices: Anatomy and Physiology, Aquatic Scientific, Environmental Systems, Scientific Research & Design, Food Science, Forensic Science, Adv Animal Science, Principles of Engineering, Engineering Design and Problem Solving, Pathophysiology

Arts and Humanities Endorsement/Major

Social Studies

World Geography	World History	US History	Government/Economics
-----------------	---------------	------------	----------------------

Additional Social Studies Courses: AP European History (11-12), Sociology (.5) (11-12), Psychology (.5)/AP Psychology (.5) (11-12), AP Human Geography

World Language

French 1	French 2/Pre AP French 2	Pre AP French 3	AP French 4
German 1	German 2/Pre AP German 2	Pre AP German 3	AP German 4
Latin 1	Latin 2/Pre AP Latin 2	Pre AP Latin 3	AP Latin 4
American Sign Language 1	American Sign Language 2	American Sign Language 3	American Sign Language 4
Spanish 1/Pre AP Spanish 1	Spanish 2/Pre AP Spanish 2	Spanish 3/Pre AP Spanish 3	AP Spanish 4/AP Spanish 5

Fine Arts

Art 1	Art 2 - Drawing, Painting, Ceramics, Sculpture	Art 3 - Drawing, Painting, Ceramics, Sculpture	Art 4 - Drawing, Painting, Ceramics, Sculpture
Dance 1	Dance 2	Dance 3	Dance 4
Music 1 - Band, Choir, Orchestra	Music 2 - Band, Choir, Orchestra	Music 3 - Band, Choir, Orchestra	Music 4 - Band, Choir, Orchestra
Theatre 1: Theatre Arts, Theatre Production, Technical Theatre	Theatre 2: Theatre Arts, Theatre Production, Technical Theatre	Theatre 3: Theatre Arts, Theatre Production, Technical Theatre	Theatre 4: Theatre Arts, Theatre Production, Technical Theatre

This is the back page of the sequence sheet.

Identify courses in your interest area for 10th grade.

- Look back at your endorsement check sheet to see what areas interested you as we went through the PowerPoint.
- You will want to locate those career clusters under their endorsement on the sequence sheet.
- Then find the sequence that you circled on your activity page.
- Finally, write in the recommended 10th grade courses from the 2nd column of your course sequence/pathway sheet.

Please raise your hand to ask questions as we walk around the room to help you. You may also ask your peers questions about the directions BUT there should be NO OTHER talking.

CREDITS, **not** your number of years in high school will Determine Your Grade Level

You earn .5 credit each time you pass a class. The grade is recorded on your transcript and **WILL REMAIN** there **FOREVER!!!!**

CREDITS Required for Promotion to Next Grade:

10th	6 credits
11th	12 credits
12th	18 credits

26 Credits to Graduate



How to Calculate Your GPA – Grade Point Average

Number Grade (Numerical)	Regular	Weighted
90-100	4.0	5.0
80-89	3.0	4.0
70-79	2.0	3.0
Below 70	0	0

**You will have a GPA at the
end of your Freshman year and
a Rank at the end of your Sophomore year.**

Five State Required Assessments STAAR/EOC

9th Grade:

- Algebra 1
- Biology
- English 1

10th Grade

- English 2

11th Grade

- US History

- No STAAR EOC ASSESSMENTS IN 12TH GRADE IF YOU PASSED REQUIRED TESTS PREVIOUSLY



ENDORSEMENTS & Career Clusters

Name: **IMA** ID Number: **00000**

Career Goal: **Military** Endorsement: **Business & Industry** Career Pathway: **01**
Mechanic or and Public Service **Aircraft &**

Business and Industry **ROTC**

<input checked="" type="checkbox"/>	Agriculture, Food, and Natural Resources	Ag
	For career courses related to animal science and agriculture (vet, all aspects of farming & raising animals)	Mechanics
	Architecture and Construction	
	For career courses related to architecture, construction, and interior design	
	Arts, A/V Technology & Communication	
	For career courses related to audio/ video production, animation, graphic design, photography, and fashion design	
	Business Management & Administration	
	For career courses related to business management (not marketing) (managing all aspects of a business)	
	Finance	
	For career courses related to accounting and investment (Math & money)	
	Hospitality & Tourism	
	For career courses related to hospitality and culinary arts (hotels and restaurants)	
	Information Technology	
	For career courses related to computer maintenance and Cisco networking systems (programming too)	
	Journalism and Debate	
	For career courses focused in journalism and/or debate programs (write for newspaper/ magazine, politician)	
	Manufacturing	
	For career courses related to welding and CNC metal manufacturing	
	Marketing	
	For career courses related to marketing and entrepreneurship (advertising & owning your own business)	
<input checked="" type="checkbox"/>	Transportation, Distribution & Logistics	Aircraft
	For career courses related to auto tech, aircraft (aviation) tech, and logistics (mechanic, pilot)	Tech

Public Service

Education and Training

For career courses related to teaching and training others

Health Science

For career courses related to health sciences (the medical field)

Human Services

For career courses related to cosmetology and child care (helping people in a service industry)

✓ JROTC (Air Force)

For career courses focused in the JROTC program (structured leadership program)

Law, Public Safety, Corrections and Security

For career courses related to law enforcement and court law (lawyer)

STEM: Science, Technology, Engineering and Math

Electronics and Engineering

For career courses related to engineering (for creative thinkers with ideas) and electronics (for analytical problem solvers)

Mathematics

For career courses focused in mathematics (5 or more math courses required)

Science

For career courses focused in science (5 or more sciences required) (ex. marine biologist)

Arts & Humanities

Fine Arts

For career courses focused in one or more fine arts program (Art, Dance, Music, Theatre) (creatively expressive types)

Social Studies

For career courses focused in history and/or social studies (sociology, psychology, etc.)

World Language

For career courses focused on mastering one or more world languages [French, German, Latin, ASL, Spanish, Chinese (DHS)]

Multi-Disciplinary Studies

Multidisciplinary Endorsement Plan (back-up plan in case your planned endorsement doesn't work for you)

Students must take 4th math and 4th science required for all endorsements plus a minimum of 5.5 elective credits of their choosing

Endorsements/ Majors/ Sequences

Denton ISD Career Counselors

Jeanie Bragg, Guyer High School, (940)369-1033, jbragg@dentonisd.org

Angela Clouse, Ryan High School, (940)369-3025, aclouse@dentonisd.org

Kimberly Keith, Denton High School, (940)369-2020, kkeith@dentonisd.org

Susan Reyes, Advanced Technology Complex, (940)369-4838, sreyes@dentonisd.org

9th Grade	10th Grade	11th Grade	12th Grade
Business and Industry Endorsement/Major			
Agriculture, Food, and Natural Resources			
Agriculture Mechanical Systems			
Professional Communications (9-12) (.5)	Principles of Agriculture, Food & Natural Resources (9-12) (1) and Agricultural Mechanics & Metal Technologies (10-12)(1)	Agricultural Facilities Design and Fabrication (11-12) (1)	Welding (11-12) (2) (Advanced)
Animal Science			
Professional Communications (9-12) (.5)	Principles of Agriculture, Food & Natural Resources (9-12) (1) and Small Animal Management (10-12) (.5) and Equine Science (10-12) (.5)	Livestock Production (11-12) (1)	Advanced Animal Science (11-12) (1) (Fourth Science Credit) (Advanced) and Veterinary Medical Applications (2) (12) (Advanced)
Architecture and Construction			
Interior Design			
Professional Communications (9-12) (.5)	Principles & Elements of Floral Design (9-12)(1) (Fine Arts Credit) and Principles of Architecture & Construction (9-12) (1)	Interior Design (10-12) (1)	Advanced Interior Design (11-12) (1) (Advanced)
Architectural Design			
Professional Communications (9-12) (.5)	Principles of Architecture & Construction (9-12) (1)	Advanced Architectural Design (11-12) (2) (Advanced)	Practicum Architectural Design (12) (2) (Advanced)
Construction Management			
Professional Communications (9-12) (.5)	Principles of Architecture & Construction (9-12) (1)	Construction Technology (10-12) (1)	Advanced Construction Technology (12) (2) (Advanced)
Arts, A/V Technology and Communication			
Media Technology			
Professional Communications (9-12) (.5)	Digital & Interactive Media (10-12) (1)	Audio / Video Production (11-12) (2) (Advanced)	Advanced Audio / Video Production (12) (2) (Advanced)
Animation			
Professional Communications (9-12) (.5)	Digital & Interactive Media (10-12) (1)	Animation (11-12) (2) (Advanced)	Advanced Animation (12) (2) (Advanced)
Graphic Design			
Professional Communications (9-12) (.5)	Digital & Interactive Media (10-12) (1)	Graphic Design and Illustration (11-12) (2)	Advanced Graphic Design & Illustration (12) (2)

Endorsements/Majors/ Sequences

Public Service

Public Service Endorsement / Major			
Education and Training			
Education			
Professional Communications (9-12) (5)	Principles of Education and Training (9-12) (5) and/or Child Development (10-12) (1) and/or Human Growth and Development (10-12) (1)	Institutional Practice in Education & Training (11-12) (2) (Advanced)	Practicum in Education & Training (12) (2) (Advanced)
Government and Public Administration			
National Security and Foreign Services			
Professional Communications (9-12) (5)	Principles of Law, Public Safety, Corrections and Security (9-12) (1)	National Security (11-12) (2) (Advanced)	Practicum in Local, State, and National Government (12) (2) (Advanced)
Health Science			
Advanced Clinical Specialization			
Professional Communications (9-12) (5)	Principles of Health Science (10-12) (1)	Health Science (11-12) (2) (Advanced)	Practicum in Health Science (12) (2) Job Shadow Internship (Advanced)
Allied Health			
Professional Communications (9-12) (5)	Principles of Health Science (10-12) (1)	Health Science (11-12) (2) (Advanced)	Allied Health Assistant and Physiology (10) (1) (Fourth Science Credit) and Allied Health Problems & Solutions (12) (1) (Advanced)
Pharmacology			
Professional Communications (9-12) (5)	Principles of Health Science (10-12) (1)	Health Science (11-12) (2) (Advanced)	Practicum in Health Science (12) (2) Pharmacology (Advanced)
Certified Nursing Assistant			
Professional Communications (9-12) (5)	Principles of Health Science (10-12) (1)	Health Science (11-12) (2) (Advanced)	Practicum in Health Science (12) (2) Certified Nursing Assistant (Advanced)
Emergency Medical Technician			
Professional Communications (9-12) (5)	Principles of Health Science (10-12) (1)	Health Science (11-12) (2) (Advanced)	Practicum in Health Science (12) (2) EMT (Post credit)
Human Services			
Child Care Management			
Professional Communications (9-12) (5)	Principles of Human Services (9-12) (5) and/or Child Development (10-12) (1) and/or Principles of Human Services (10-12) (5)	Child Development (10-12) (1)	Child Guidance (10-12) (1) (Advanced)
Counseling and Mental Health			
Professional Communications (9-12) (5)	Business Information Management 1 (9-12) (1) and Principles of Human Services (10-12) (5)	Human Growth & Development (10-12) (1)	Counseling and Mental Health (10-12) (1) (Advanced)
Cosmetology			
Professional Communications (9-12) (5)	Business Information Management 1 (9-12) (1)	Cosmetology I (11) (3) and Introduction to Cosmetology (11) (1) (Advanced)	Cosmetology II (12) (3) and Problems and Solutions Cosmetology II (12) (1) (Advanced)
Law, Public Safety, Corrections and Security			
Pre Law			

Academic Endorsements

Denton ISD Academic Endorsement Coherent Sequences			
9th Grade	10 Grade	11th Grade	12th Grade
Business and Industry Academic Endorsement/Major			
Journalism, Newspaper and Yearbook			
Professional Communications (9-12) (5)/High School 101	Advanced Journalism 1 and Digital and Interactive Media (10-12)	Advanced Journalism 2 - Newspaper	Advanced Journalism 3 - Newspaper
Professional Communications (9-12) (5)/High School 101	Advanced Journalism 1 and Digital and Interactive Media (10-12)	Advanced Journalism 2 - Yearbook	Advanced Journalism 3 - Yearbook
Professional Communications (9-12) (5)/High School 101	Debate 1	Debate 2 and Public Speaking	Debate 3
Public Service Endorsement/Major			
ROTC			
JROTC 1	JROTC 2	JROTC 3	JROTC 4
STEM: Science, Technology, Engineering and Math Endorsement/Major			
Math Sequence - Regular, Pre AP or AP			
Algebra 1	Geometry	Algebra 2	Additional Math Courses

Arts and Humanities

Social Studies			
World Geography	World History	US History	Government/Economics
Additional Social Studies Courses: AP European History (11-12), Sociology (15) (11-12), Psychology (15) (11-12)			
World Language			
French 1	French 2/Pre AP French 2	Pre AP French 3	AP French 4
German 1	German 2/Pre AP German 2	Pre AP German 3	AP German 4
Latin 1	Latin 2/Pre AP Latin 2	Pre AP Latin 3	AP Latin 4
American Sign Language 1	American Sign Language 2	American Sign Language 3	American Sign Language 4
Spanish 1/Pre AP Spanish 1	Spanish 2/Pre AP Spanish 2	Spanish 3/Pre AP Spanish 3	AP Spanish 4/AP Spanish 5
Fine Arts			
Art 1	Art 2 - Drawing, Painting, Ceramics, Sculpture	Art 3 - Drawing, Painting, Ceramics, Sculpture	Art 4 - Drawing, Painting, Ceramics, Sculpture
Dance 1	Dance 2	Dance 3	Dance 4
Music 1 - Band, Choir, Orchestra	Music 2 - Band, Choir, Orchestra	Music 3 - Band, Choir, Orchestra	Music 4 - Band, Choir, Orchestra
Theatre 1: Theatre Arts, Theatre Production, Technical Theatre	Theatre 2: Theatre Arts, Theatre Production, Technical Theatre	Theatre 3: Theatre Arts, Theatre Production, Technical Theatre	Theatre 4: Theatre Arts, Theatre Production, Technical Theatre

The Denton Independent School District does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: ATTN: David Hicks, 1307 N Locust St, Denton TX 76201, 940-369-0132.

1/27/2016

(STEM) Science, Technology, Engineering, and Mathematics

Electronics			
Professional Communications (9-12) (5)	Electronics (10-12) (1)	Advanced Electronics (11-12) (2) (Advanced)	Practicum in STEM - Electronics (12) (2) (Advanced)
Advanced Engineering - Project Lead the Way			
Professional Communications (9-12) (5)	Introduction to Engineering Design (10-12) (1) and/or Computer Integrated Manufacturing (10-12) (1) (Spring)	Principles of Engineering (11-12) (1) (Fall) and Digital Electronics (11-12) (1) (Spring) (Advanced)	Engineering Scientific Research and Design (12) (1) (Fall) (Fourth Science Credit) and Engineering Design and Development (12) (1) (Spring) (Advanced)



ENDORSEMENTS & CAREER CLUSTERS

BUSINESS & INDUSTRY

Agriculture, Food & Natural Resources

Architecture & Construction

Arts, A/V Technology & Communication

Business Management & Administration

Finance

Hospitality & Tourism

Information Technology

Manufacturing

Marketing

Transportation, Distribution & Logistics

PUBLIC SERVICE

Education & Training

Government & Public Administration

Health Science

Human Services

Law, Public Safety, Corrections & Security

MULTIDISCIPLINARY

4 Credits in each of the Four Core Foundation Areas & Four Advanced Level CTE Courses

STEM-Science, Technology, Engineering & Mathematics

Engineering

Electronics

ARTS & HUMANITIES

Art

Dance

Music

Theater