Denton ISD High School

Personal Graduation Planner

Grades 9-12

College

Work

Apprentice

Self employed

Gap year

University

2016-2017

Denton ISD: Empowering lifelong learners to be engaged citizens who positively impact their local and global community.

Revised November 2015

Coursework

House Bill 5 (HB 5), passed by the 83rd Texas Legislature and signed by the governor, provides for a new set of graduation plans for Texas students. These graduation plans consist of a core foundation plan for every Texas student and five endorsements/majors from which students may choose, depending on their interests. When selected, students will complete each of these endorsements/majors with four Mathematics, four Science, four English Language Arts, and four Social Studies credits. Students are also required to complete two World Language credits which may be substituted with two credits in computer programming language.

Students entering 9th Grade must choose from one of the following endorsements:

- STEM (Examples: Engineering, Computer Science, Mathematics, Science, Health Science)
- Business and Industry (Examples: Agricultural, Architecture, Arts, A/V Technology, Business, Finance, IT, Manufacturing, Marketing and Sales, Transportation)
- Arts and Humanities (Examples: Social Studies, World Language, Literature, Art, Dance, Music, Theatre)
- Public Services (Examples: Education and Training, Government, Culinary, Cosmetology, Law, Public Safety, Corrections and Security)
- Multidisciplinary Studies (Examples: Four Advanced courses leading to workforce and postsecondary education)

Students may change their endorsement at any time prior to graduation preferably prior to their junior year.

To qualify as part of the top ten percent of their graduating class, students must successfully complete Algebra II, the Foundation Plan, and at least one endorsement.

Testing

Students are now required to pass five State of Texas Assessments of Academic Readiness (STAAR®) end-of-course exams to meet the new graduation requirements:

- Algebra I
- English I (Reading/Writing)
- English II (Reading/Writing)
- Biology
- US History

Planning for the Future

In DISD, our goal is to graduate all students to be college and career ready. To help you achieve your goals, we have included a Personal Graduation Plan to use in conjunction with Naviance. Please contact your counselor for more information about making plans for your future. We are here to help you achieve your goals and have resources available to help you.

Advanced Coursework to Satisfy Core Foundation and Endorsement/Major Plan		
ELA	**Math**	**Science**
• English 4 • Advanced Placement (AP) English Literature and Composition • International Baccalaureate (IB) Language Studies • Creative Writing (1 credit) • Advanced Journalism: Newspaper III • Concurrent Enrollment in College Courses • Dual Credit English	• Algebra 2 • Engineering Mathematics (CTE) • Mathematical Models • Pre-Calculus • Independent Study in Mathematics • Advanced Quantitative Reasoning • AP Statistics • AP Calculus (AB) • AP Calculus (BC) • AP Computer Science • IB Mathematical Studies – Standard Level • IB Mathematics – Standard Level • IB Mathematics – Higher Level • Concurrent Enrollment in College • Dual Credit Mathematics	• Advanced Animal Science (CTE) • Anatomy and Physiology (CTE) • Forensic Science (CTE) • Engineering Design and Problem Solving (CTE) • AP Chemistry • AP Biology • IB Biology • AP Physics • Aquatic Science • Environmental Systems • AP Environmental Science • IB Environmental Systems and Societies • Scientific Research and Design (CTE) • Food Science (CTE) • Concurrent Enrollment in College • Dual Credit Science

Denton Independent School District

Personal Graduation Plan Overview

Student Name _____ ID _____ Expected Graduation Date _____

Endorsement Selected: ☐ STEM   ☐ Business and Industry   ☐ Arts and Humanities   ☐ Public Services
☐ Multi-Disciplinary Studies

Core Foundation Plan ➡	**Endorsements/Majors*** ➡	**Performance Acknowledgement**
English Language Arts ☐ English 1 ☐ English 2 ☐ English 3 ☐ English 4 **Mathematics** ☐ Algebra I ☐ Geometry ☐ Advanced Math **Social Studies** ☐ World Geography ☐ World History ☐ US History ☐ Government ☐ Economics **Science** ☐ Biology ☐ Chemistry ☐ Physics **World Languages** ☐ Year 1 _____ ☐ Year 2 _____ **Fine Arts** ☐ _____ **Physical Education** ☐ PE **Speech** ☐ Professional Communications **Electives** ☐ Elective 1 _____ ☐ Elective 2 _____ ☐ Elective 3 _____ ☐ Elective 4 _____ ☐ Elective 5 _____	**Business and Industry** ☐ 1 Adv. Math _____ ☐ 1 Adv. Science _____ ☐ Elective 1 _____ ☐ Elective 2 _____ **Arts and Humanities** ☐ 1 Adv. Math _____ ☐ 1 Adv. Science _____ ☐ Elective 1 _____ ☐ Elective 2 _____ **Public Services** ☐ 1 Adv. Math _____ ☐ 1 Adv. Science _____ ☐ Elective 1 _____ ☐ Elective 2 _____ **STEM** ☐ 1 Adv. Math _____ ☐ 1 Adv. Science _____ ☐ Elective 1 _____ ☐ Elective 2 _____ **Multidisciplinary Studies** ☐ 1 Adv. Math _____ ☐ 1 Adv. Science _____ ☐ Elective 1_____ ☐ Elective 2 _____ *For specific details on each endorsement/major see back* **Distinguished** – Eligible for top 10% Automatic Admission ☐ Algebra 2 (must be one of the student's math credits)	**Dual Credit** ☐ 12 College Credit hours with a grade of 3.0 or higher ☐ Associate Degree **Bilingualism/Biliteracy** ☐ Complete all ELA requirements with a min GPA of 80 And one of the following: ☐ 3 credits in the same World Language with a min GPA of 80 ☐ Pass Level 4 or higher World Language with an min GPA of 80 ☐ 3 credits in World Language with a min GPA of 80 ☐ AP World Language score 3.0 or higher ☐ IB World Language score 4 or higher *ELL Student Only* ☐ Participate & meet exit criteria for a bilingual or ESL program ☐ Scored Adv. High Level on TELPAS **AP/IB** ☐ Score 3 or higher on a AP Exam ☐ Score 4 or higher on a IB Exam(HL) **College Entrance Exam** ☐ PSAT Score of commended or higher ☐ College Benchmark score on two out of four exams on the ACT ☐ SAT 1250–Reading/Math combined ☐ ACT score of 28 without Writing **Business / Industry Certification** ☐ Complete a business or industry certification
		STAAR EOC ☐ English 1 ☐ English 2 ☐ Algebra 1 ☐ US History ☐ Biology

Endorsements/Major

Business and Industry

Academic Coherent Sequence
- Four credits – English Electives to include three levels in one of the following areas:
  - Advanced Broadcast Journalism; or
  - Newspaper; or
  - Public Speaking

CTE Coherent Sequence (must include all)
- Four Credits – CTE Electives
- At least two from the same cluster
- At least one advanced level CTE course
- Final course from one of these clusters
  - *Agriculture, Food and Natural Resources*
  - *Architecture and Construction*
  - *Arts, A/V Technology and Communications*
  - *Business Management and Administration*
  - *Finance*
  - *Hospitality and Tourism (moved from Public Services)*
  - *Information Technology (moved from STEM)*
  - *Manufacturing*
  - *Marketing, Sales and Service*
  - *Transportation, Distribution and Logistics*

Public Service

Academic Coherent Sequence
- Four courses in JROTC

CTE Coherent Sequence (must include all)
- Four Credits – CTE Electives
- At least two from the same cluster
- At least one advanced level CTE course
- Final course from one of these clusters
  - *Education and Training*
  - *Government and Public Administration*
  - *Health Science*
  - *Human Services*
  - *Law, Public Safety, Corrections and Security*

Multidisciplinary

Academic Coherent Sequence (select one of the following)
- Four Credits – Four credits in each of the four Foundation subject areas to include English 4 and Chemistry and/or Physics
- Four credits in AP or IB or dual credit selected from math, science, social studies, economics, world languages, and fine arts

CTE Coherent Sequence (must include all)
- Four advanced courses that prepare students to enter the workforce/postsecondary education from within one endorsement area that is not in a coherent sequence.

Arts and Humanities

Academic Coherent Sequence
- Five courses - Social Studies (must include World Geography and World History

World Language Coherent Sequence (select one of the following)
- Four levels – Same Language in a World Language
- Four levels – Two courses of two different World Languages
- Four levels - American Sign Language

Fine Arts Coherent Sequence(select from one or two categories)
- Four courses - Art
- Four courses - Dance
- Four courses - Music
- Four courses – Theatre

STEM

Academic Coherent Sequence (select one of the following)
- Four Credits – Computer Science
- Three Credits – Mathematics, must complete Algebra 2 and 2 additional courses for which Algebra 2 is a prerequisite
- Four Credits – Science, must complete chemistry, physics and 2 additional science courses

CTE Coherent Sequence (must include all)
- Four Credits – CTE Electives
- At least two from the same cluster
- At least one advanced level CTE course
- Final course from one of these clusters
  - *STEM*

Algebra 2, chemistry, and physics are also required for the STEM Endorsement.

Advanced Coursework to Satisfy Endorsements/Majors

Career and Technology Education

Business and Industry

Agriculture, Food, and Natural Resources
- Advanced Animal Science
- Agricultural Facilities Design and Fabrication
- Agricultural Power Systems
- Veterinary Medical Applications

Architecture & Construction
- Advanced Interior Design
- Architectural Design
- Advanced Architectural Design
- Practicum in Architectural Design
- Advanced Construction Technology

Arts, A/V Technology, and Communications
- Animation
- Advanced Animation
- Audio Video Production
- Advanced Audio Video Production
- Graphic Design
- Advanced Graphic Design and Illustration
- Commercial Photography
- Advanced Commercial Photography
- Advanced Fashion Design

Business Management and Administration
- Business Information Management II
- Business Law & Global Business
- Business Management
- Human Resource Management

Finance
- Accounting II

Hospitality and Tourism
- Culinary Arts
- Practicum in Culinary Arts
- Hospitality Services
- Practicum in Hospitality and Tourism
- Food Science

Information Technology
- Computer Maintenance
- Computer Technician
- Internetworking Technologies I
- Internetworking Technologies II (Cisco)

Manufacturing
- Welding
- Advanced Welding
- Precision Metal Manufacturing

Marketing, Sales and Services
- Entrepreneurship

Transportation, Distribution, and Logistics
- Aircraft Technology
- Advanced Aircraft Technology
- Automotive Technology
- Advanced Automotive Technology

Public Service

Education and Training
- Instructional Practices in Education & Training
- Practicum in Education and Training

Government and Public Administration
- National Security
- Practicum in Local, State, and Federal Government

Human Services
- Counseling and Mental Health
- Child Guidance
- Cosmetology I
- Cosmetology II

Law, Public Safety, Corrections, and Security
- Law Enforcement
- Law Enforcement II
- Forensic Science
- Court Systems and Practices
- Practicum in Law, Public Safety, Corrections, & Security

Health Science
- Health Science
- Practicum in Health Science
- Anatomy and Physiology

STEM

Science, Technology, Engineering, & Mathematics
- Engineering Mathematics
- Advanced Electronics
- Practicum in STEM- Electronics
- Year 2 - Principles of Engineering & Digital Electronics
- Year 3 - Engineering Scientific Research and Design & Engineering Design and Development