

**Irving ISD Graduation Programs
Class of 2018 and Later - Endorsements**

Endorsement Areas *	
STEM	<p>Student must take Foundation curriculum including Algebra II, Chemistry, and Physics and ONE of the following:</p> <ol style="list-style-type: none"> 1. Coherent sequence of four credits in the following Programs of Study: <ol style="list-style-type: none"> a. Computer Science b. Engineering – Aerospace, Aviation , Biomedical, Civil or Environmental c. Aviation Science 2. Five credits in Mathematics : Algebra I, Geometry, Algebra II, and two additional advanced courses 3. Five credits in Science: Biology, Chemistry, Physics, and two additional advanced science courses 4. In addition to Alg. II, Chem. And Phys., a sequence of three additional courses from 1,2 or 3 above.
Business and Industry	<p>Student must take Foundation curriculum and ONE of the following:</p> <ol style="list-style-type: none"> 1. Coherent sequence of four credits in the following Programs of Study: <ol style="list-style-type: none"> a. Agriculture b. Applied Technology, Office Management c. Architecture and Construction d. Arts, AV Technology, and Communications e. Business, Marketing and Finance f. Transportation, Distribution and Logistics g. Airport Operations and Management h. Information Technology i. Manufacturing j. Hospitality and Tourism 2. Four English elective credits including THREE levels of ONE of these: Journalism, Broadcast Journalism, Newspaper, Yearbook, Debate
Public Services	<p>Student must take Foundation curriculum and ONE of the following:</p> <ol style="list-style-type: none"> 1. Coherent sequence of four credits in the following Programs of Study: <ol style="list-style-type: none"> a. Education and Training b. Health Science c. Human Services - Cosmetology d. Law and Public Service 2. Four courses in JROTC
Arts & Humanities	<p>Student must take Foundation Curriculum and ONE of the following:</p> <ol style="list-style-type: none"> 1. A total of five social studies credits 2. Four levels of the same Language other than English, including ASL 3. Two levels of two different Languages other than English 4. Coherent sequence of four credits in one or two disciplines of fine arts 5. Four English elective advanced courses which may include English 4 and beyond
Multidisciplinary Studies	<p>Student must take Foundation Curriculum and ONE of the following:</p> <ol style="list-style-type: none"> 1. Four advanced courses from within one endorsement area or among endorsement areas that are not in a coherent sequence. 2. Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics 3. Four credits in AP or dual credit selected from the foundation subject areas, Languages other than English, or fine arts

***Not all programs of study are available at all campuses. Some programs are limited in enrollment by space or staffing limitations.**

Performance Acknowledgements

A student may earn a performance acknowledgement for outstanding performance in:

- Dual credit class – at least 12 college hours with a grade of 3.0 out of 4.0
- Bilingualism and Biliteracy – minimum GPA in English courses and satisfying ONE of the following:
 - 1) At least three credits in the same Language other than English with at least an 80 average
 - 2) A score of 3 or higher on a College Board AP exam in a Language other than English
 - 3) If the student is an English language learner, he must also have exited the ESL program and scored Advanced High on the TELPAS
- AP Test – must score a 3 or above on a College Board AP exam
- PSAT, ACT-Plan, SAT, ACT – must score the following on **one** of these exams:
 - 1) Earning a score on the PSAT/NMSQT that qualifies a student for recognition as a commended scholar or higher, or recognized as a National Hispanic Scholar or National Achievement Scholar
 - 2) Achieving the college readiness benchmark score on the ACT-PLAN in at least two of the four subjects
 - 3) Earning a combined critical reading and mathematics score of at least 1250 on the SAT
 - 4) Earning a composite score of 28 on the ACT examination
- Nationally or internationally recognized business or industry certificate:
Qualification for an APPROVED federal, state, or industry certification or license related to the student's program of study. An approved list will be provided by the Texas Education Agency.