

El Paso Independent School District

Graduation Requirements House Bill 5



2012-2013 Texas Legislature, House Bill 5

Approved to reshape the graduation plans for all students in the state of Texas.

Students choose their high school Program of Study
Beginning with students entering 9th grade in 2014-2015

5 Endorsement areas:

MULTIDISCIPLINARY STUDIES

ARTS & HUMANITIES

BUSINESS & INDUSTRY

PUBLIC SERVICES &

STEM (SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS)



Graduation Plans

HB5

9th grade 2013-14 and prior

9th grade 2014-15 and thereafter

Minimum

Recommended

Distinguished

Achievement Plan (DAP)



Foundation

Endorsement

Distinguished Level
of Achievement



Endorsements

(Distinguished Level of Achievement)

- * STEM
- * Arts & Humanities
- * Business & Industry
- * Public Services
- * Multi-Disciplinary

Recommended Plan

Current 10th, 11th and 12th Grades

Courses	Credits	9 th	10 th	11 th	12 th
English	4	English I	English II	English III	English IV
Math	4	Algebra I	Geometry	Algebra II	An additional Math Credit
Science	4	Biology	Chemistry	Physics	An additional Science Credit
Social Studies	4	World Geography	World History	US History	Government/ Economics
Fine Arts	1	1.0 credit at any grade level (Same Genre)			
Languages (LOTE)	2	2.0 credits in the same language at any grade level			
P.E./PE Equivalent	1	1.0 credit at any grade level			
Speech	0.5	0.5 credits total in grades 10-12			
Health	0.5	0.5 credits at any grade level			
Technology	1	1.0 credits at any level			
Elective	4	4.0 credits at any grade level			
Total	26				

EPISD
Core Concentration
Foundation

English 1
English 2
English 3
Advanced English

Algebra 1
Geometry
Algebra 2
Advanced Mathematics

Biology I
One Adv. Science Course, Category 1
Two Adv. Science Courses, Category 2

World History or World Geography
US History
Government
Economics



EPISD Required Elective Foundation (Continued)

Languages Other
Than English
Same Language
2.0 Credits

P.E. or P.E Equivalent
1.0 Credit

0.5 Health OR
1.0 Lifetime Nutrition
& Wellness OR
1.0 Health Science I

Communication Apps. OR
Professional Communication
.5 Credits

Fine Arts Same Genre
1.0 Credit

Technology Credit
1.0 Credit

Elective Credit
0.5 to 1.0 Credit



EPISD Distinguished Level of Achievement Plan HB5

Courses	Credits	9 th	10 th	11 th	12 th
English	4	English I	English II	English III	Advanced English
Math	4	Algebra I	Geometry	Two Advanced Math** Courses One of Which Must Be Algebra II	
Science	4	Biology	Advanced Science	Advanced Science	Advanced Science
Social Studies	3	World Geography and/or World History		US History	Government & Economics
Fine Arts	1	1.0 credit at any grade level (Same Genre)			
Languages (LOTE)	2	2.0 credits in the same language at any grade level			
P.E. or P.E. Equivalent	1	1.0 credit at any grade level			
Speech	.5	Communication Apps. OR Professional Communication (grades 10-12)			
Health	.5	0.5 Health OR *(1.0 Lifetime Nutrition OR 1.0 Health Science)			
Technology	1	1.0 credit at any grade level			
Electives	0.5 to 1.0				
EPID Foundation Total	22				
Endorsement	4				
Total	26				

***Uses 0.5 credit elective**

****Most advanced math require Algebra II as prerequisite**

Endorsement Requirements

Beginning in the 2014-2015 school year, a district must ensure each student, on entering 9th grade, indicates in writing an endorsement that the student intends to earn.

A district must permit a student to choose, at any time, an endorsement other than the endorsement the student previously indicated.

Five Endorsements

Arts & Humanities

Business and Industry

Public Service

STEM (SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS)

Multidisciplinary Studies



† EPISD currently offers courses to satisfy all Five Endorsements

Arts and Humanities Endorsements

Content	Endorsement (A) Social Studies	Endorsement (B) (LOTE) Languages Other Than English Same Foreign Language	Endorsement (C) (LOTE) Languages Other Than English 2 Foreign Language	Endorsement (D) Fine Arts	Endorsement (E) English Language Arts (ELA)
4.0 Credits English	English I English II English III English IV	English I English II English III English IV	English I English II English III English IV	English I English II English III English IV	English I English II English III (Advanced) English IV (Advanced)
4.0 Credits Mathematics	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course
4.0 Credits Science	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent
0.5 Credits-Health	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition 1.0 Health Science I)*
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Electives	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	1.0 Human Geography AP, 1.0 additional social studies, 1.0 Art History 1.0 additional elective 4.0 Credits	Third and fourth level of the same language other than English and two additional electives 4.0 Credits	Two levels of an additional language other than English, and two additional electives 4.0 Credit	A coherent sequence of four credits by selecting courses from one or two categories or disciplines in fine arts or innovative courses approved by the commissioner 4.0 Credits	Four English elective credits by selecting from the following: English IV, Independent Study in English, Literary Genres, Creative Writing, Research and Technical Writing, Humanities, Advanced Placement English Literature and Composition; or IB Language Studies A1 Higher Level; or Communication Applications 4.0 Credits
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	26 Credits	26 Credits

ARTS AND HUMANITIES ENDORSEMENT OPTIONS

Foundation (22 Credits) + Endorsement (4.0 Credits) = 26 Credits



Academic Distinguished Level of Achievement

Endorsement (A) Social Studies

EPISD
Foundation And

1.0 Human
Geography AP,
1.0 Additional
Social Studies,
1.0 Art History
1.0 Additional
Elective

4.0 Credits

Endorsement (B) LOTE

Languages Other
Than English
Same Language
EPISD
Foundation And

Third and fourth
level of the same
language other
than English and
two additional
electives

4.0 Credits

Endorsement (C) LOTE

Languages Other
Than English
Different Language
EPISD
Foundation And

Two levels of an
additional
language other
than English,
and two additional
electives

4.0 Credit

Endorsement (D) Fine Arts

EPISD Foundation
And

A coherent
sequence of 4
credits by
selecting from 1
or 2 categories
or disciplines in
fine arts

4.0 Credit

Endorsement (E) English Language Arts

EPISD
Foundation And

4 English elective
credits by selecting
from the following:
English IV, Ind. Study
in English, Lit. Genres,
Creative Writing,
Research & Tech Writ.,
Humanities, AP Eng.
Lit. & Composition; or
IB Lang. Studies A1
Higher Level; or
Comm. Applications

4.0 Credits

ARTS AND HUMANITIES
ENDORSEMENT

(A) Social
Studies



- 1.0 Credit Human Geography AP
 - 1.0 Credit Additional Social Studies
 - 1.0 Credit Art History
 - 1.0 Credit Additional Elective
- 4.0 Credits**

ARTS AND HUMANITIES
ENDORSEMENT
(B) Languages Other
Than English (LOTE)



Third and fourth
level of same
language other than
English and 2
additional electives
4.0 Credits

ARTS AND HUMANITIES
ENDORSEMENT

(C) Languages
Other Than
English (LOTE)



Two levels of an
additional language
other than English
and two additional
electives.

4.0 Credits

ARTS AND HUMANITIES ENDORSEMENT

(D) Fine Arts



✓

A coherent sequence of four credits by selecting courses from one or two categories or disciplines in fine arts or innovative courses approved by the commissioner

4.0 Credits

ARTS AND HUMANITIES
ENDORSEMENT
**(E) English
Language Arts
(ELA)**



Four English elective credits
by selecting from the
following:
English IV, Independent
Study in English, Literary
Genres, Creative Writing,
Research and Technical
Writing, Humanities,
Advanced Placement
English Literature and
Composition; or IB
Language Studies A1 Higher
Level; or Communication
Applications commissioner
4.0 Credits

Business and Industry Endorsement

Content	Endorsement (A) Career & Technical Education (Chapter 127 & 130)	Endorsement (B) English	Endorsement (C) Technology Applications (Chapter 126)	Endorsement (D) Business Combination (Chapters 110, 126 &/or 130)
4.0 Credits English	English I English II English III Advanced English Course	English I English II English III Advanced English Course	English I English II English III Advanced English Course	English I English II English III Advanced English Course
4.0 Credits Mathematics	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course
4.0 Credits Science	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2	Biology I One Adv. Science Course, Category 1 Two Adv. Science Courses, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent
0.5 Credit-Health	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science)*
0.5 Credit-Speech	Communication Apps. OR Professional Communications	Communication Apps. OR Professional Communications	Communication Apps. OR Professional Communications	Communication Apps. OR Professional Communications
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Elective	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	A coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. That final course must be from one of the following clusters: Agriculture, Arch. & Construction, Arts & AV, Business, Finance, Tourism, IT, Manufacturing, Marketing, or Transportation. 4.0 Credits	Three Levels of Public Speaking OR Three Levels of Debate OR Three Levels of Adv. Journ. Newspaper OR Three Levels Adv. Journ. Yearbook And one additional English Elective 4.0 Credits	Four technology applications credits by selecting from: Digital Design, Digital Art, 3-D Modeling, Digital Communications, Digital Video, Web Communications, Web Design, Game Development, Independent Study/Evolving/Emerging Technologies 4.0 Credits	4 Credits From any Business and Industry Endorsement; (A), (B), or (C) 4.0 Credits
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	26 Credits

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS

Foundation (22 Credits) + Endorsement (4.0 Credits) = 26 Credits



Career & Technical Education Distinguished Level of Achievement

Endorsement (A)
**CAREER &
TECHNICAL
EDUCATION**
EPISD
Foundation And

A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. That final course must be from one of the following clusters: Agriculture, Food & Natural Resources, Architecture & Construction, Arts, Audio/Video Technology, & Communication, Business Management Administration, Finance, Hospitality & Tourism, Information Technology, Manufacturing, Marketing, or Transportation.

4.0 Credits

Academic Distinguished Level of Achievement

Endorsement (B)
ENGLISH
EPISD
Foundation And

Three Levels of Public Speaking
OR
Three Levels of Debate OR
Three Levels of Adv. Journ.
Newspaper OR
Three Levels Adv. Journ. Yearbook
& 1 English elect.
4.0 Credit

Endorsement (C)
**TECHNOLOGY
APPLICATIONS**
EPISD
Foundation And

4 technology applications credits by selecting from: Digital Design, Digital Art, 3-D Modeling, Digital Communications, Digital Video, Web Communications, & Design, Gaming
4.0 Credits

Endorsement (D)
**BUSINESS
COMBINATION**
EPISD
Foundation And

4 Credits From any Business and Industry Endorsement; (A), (B), or (C)
4.0 Credits

Business and Industry ENDORSEMENT

(A) Career and Technical Education



A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. That final course must be from one of the following clusters:

Agriculture, Food & Natural Resources, Architecture & Construction, Arts, Audio/Video Technology, & Communication, Business Management Administration, Finance, Hospitality & Tourism, Information Technology, Manufacturing, Marketing, or Transportation.

4.0 CREDITS

ENDORSEMENT

(B) English



(3) LEVELS OF
PUBLIC SPEAKING
OR

(3) LEVELS OF
DEBATE
OR

(3) LEVELS OF
ADVANCE JOURNALISM
NEWSPAPER
OR

(3) LEVELS
ADVANCE JOURNALISM
YEARBOOK
&

(1) ENGLISH ELECTIVE
4.0 CREDITS

(C) Technology Applications



4 technology applications credits by selecting from: Digital Design, Digital Art, 3-D Modeling, Digital Communications, Digital Video, Web Communications, & Design, Gaming

4.0 CREDITS

Business and Industry

ENDORSEMENT

(D) Business Combination



4 Credits From any
Business and Industry
Endorsement; (A), (B),
or (C)
4.0 CREDITS

Science, Technology, Engineering & Mathematics (STEM) Endorsement

HB5 Content	Endorsement (A) Career & Technical Education (Chapter 127 & 130)	Endorsement (B) STEM Computer Science (Chapter 110)	Endorsement (C) STEM Mathematics (Chapter 126)	Endorsement (D) STEM Science (Chapters 110, 126 &/or 130)	Endorsement (E) STEM Combination (Chapters 110, 126 &/or 130)
4.0 Credits English	English I English II English III Adv. English Course	English I English II English III Adv. English Course	English I English II English III Adv. English Course	English I English II English III Adv. English Course	English I English II English III Adv. English Course
4.0 Credits Math	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course for which Algebra 2 is a prerequisite	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course	Algebra 1 Geometry Algebra 2 Adv. Mathematics Course
4.0 Credits Science	Biology I Chemistry Physics Adv. Science Course, Category 2	Biology I Chemistry Physics Adv. Science Course, Category 2	Biology I Chemistry Physics Adv. Science Courses, Category 2	Biology I Chemistry Physics Adv. Science Course, Category 2	Biology I Chemistry Physics Adv. Science Course, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent
0.5 Credit-Health	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 Credit Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 credit Lifetime Nutrition OR 1.0 Health Science I)*	0.5 Health OR (1.0 Credit Lifetime Nutrition OR 1.0 Health Science I)*
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Electives	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	A coherent sequence of courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in the CTE STEM career cluster 4.0 credits	A coherent sequence of four credits in computer science selected from Technology Applications 4.0 credits	An advanced mathematics course for which Algebra 2 is a prerequisite totaling five credits in mathematics, and an additional 3 elective credits 4.0 Credit	An additional advanced science credit from category 2 totaling five credits in science, and an additional 3 elective credits 4.0 Credit	In addition to Algebra II, chemistry, and physics coherent sequence of 3 additional credits from no more than two of the areas listed in Endorsements (A), (B), (C), & (D), and one additional elective 4.0 Credit
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	26 Credits	26 Credits

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS
Foundation (22 Credits) + Endorsement (4.0 Credits) = 26 Credits



Career & Technical Education
Distinguished Level of Achievement

Academic
Distinguished Level of Achievement

Endorsement (A)
CAREER & TECHNICAL EDUCATION
EPISD
Foundation And

Endorsement (B)
STEM COMPUTER SCIENCE
EPISD
Foundation &

Endorsement (C)
STEM MATHEMATICS
EPISD
Foundation &

Endorsement (D)
STEM SCIENCE
EPISD
Foundation &

Endorsement (E)
STEM COMBINATION
EPISD
Foundation &

A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in the CTE STEM career cluster.
4.0 credits

A coherent sequence of four credits in computer sci. selected from:
Technology Applications
4.0 credits

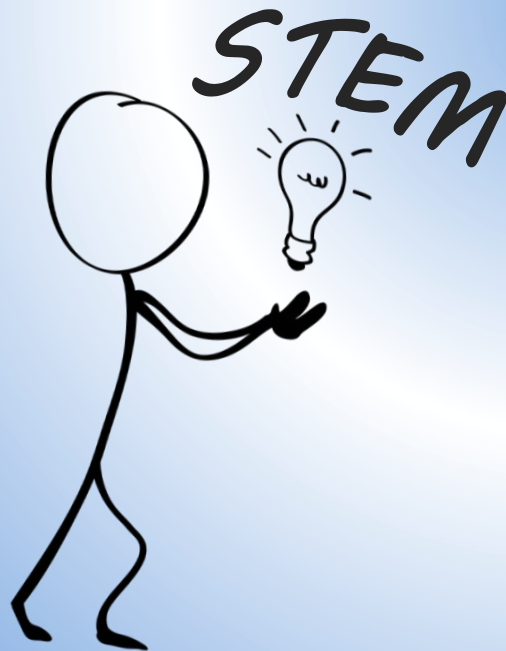
An advanced math course for which Alg. 2 is a prerequisite totaling 5 credits in math, and an additional 3 electives
4.0 Credit

An additional advanced science credits from category 2 totaling five credits in science, and an additional 3 electives
4.0 Credit

In addition to Algebra II, chemistry, and physics, a coherent sequence of 3 credits from no more than 2 of the areas listed in (A), (B), (C), & (D) 1 add. elective
4.0 Credit

Science, Technology, Engineering &
Mathematics
ENDORSEMENT

**(A) Career &
Technical
Education**

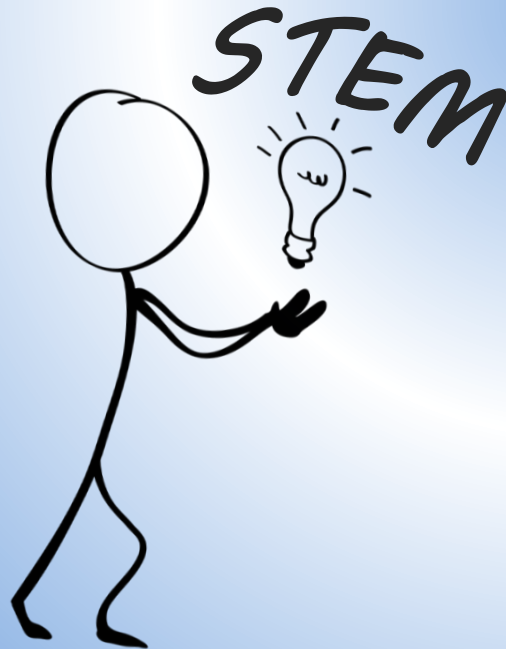


A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in the CTE STEM career cluster.

4.0 Credits

Science, Technology, Engineering &
Mathematics
ENDORSEMENT

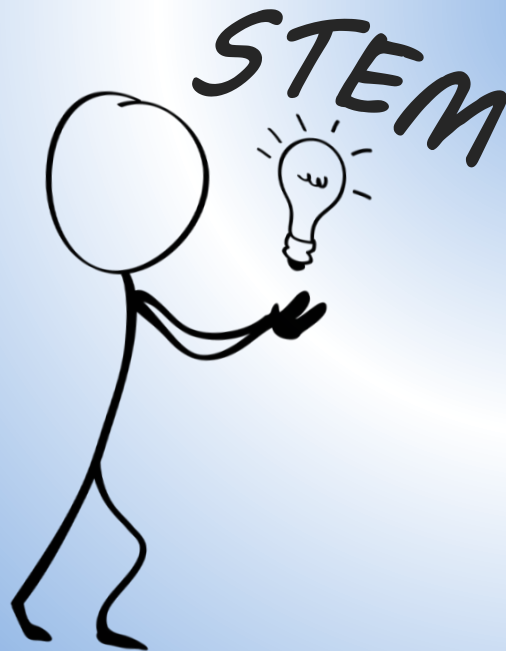
(B) Technology Applications



A coherent
sequence of four
credits in computer
science selected
from Technology
Applications
4.0 Credits

Science, Technology, Engineering &
Mathematics
ENDORSEMENT

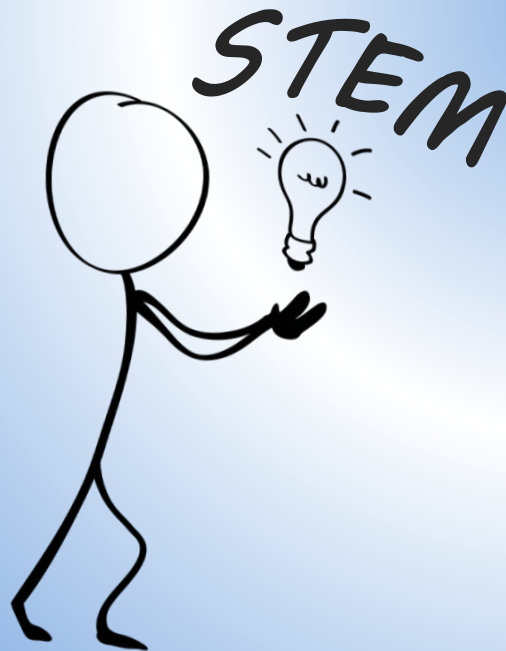
(C) STEM Mathematics



An additional
advanced
mathematics course
for which Algebra 2
is a prerequisite
totaling five credits
in mathematics, and
an additional 3
elective credits
4.0 Credits

Science, Technology, Engineering &
Mathematics
ENDORSEMENT

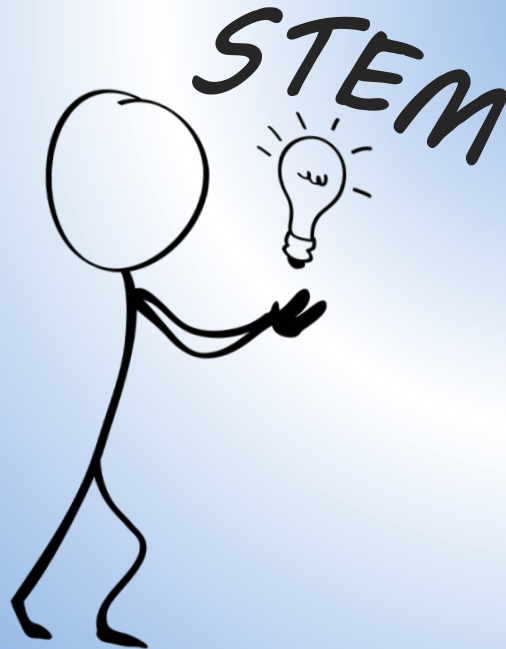
**(D) STEM
Science**



An additional
advanced science
credit from category
2 totaling five
credits in science,
and an additional 3
elective credits
4.0 Credits

Science, Technology, Engineering &
Mathematics
ENDORSEMENT

(E) STEM Combination



✓

A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in the CTE STEM career cluster.

4.0 Credits

Public Services Endorsement

Content	Endorsement (A) Career & Technical Education (Chapter 127 & 130)	Endorsement (B) Junior Reserve Officer Training Corps (JROTC)
4.0 Credits English	English I English II English III Advanced English Course	English I English II English III Advanced English Course
4.0 Credits Math	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course
4.0 Credits Science	Biology I One Advanced Science Course, Category 1 Two Advanced Science Courses, Category 2	Biology I One Advanced Science Course, Category 1 Two Advanced Science Courses, Category 2
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics
2.0 Credits-LOTE Languages Other Than English	Two Levels Same Language	Two Levels Same Language
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. Equivalent Year one of JROTC
0.5 Credits-Health	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication
1.0 Credit-Fine Arts	Same Genre	Same Genre
1.0 Credit-Technology	Technology Credit	Technology Credit
0.5 to 1.0 Credit-Electives	0.5 to 1.0 Credits	0.5 to 1.0 Credits
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	A coherent sequence of courses for four or more credits in CTE, two from one cluster, and the final course must be the third or higher course in a sequence. The final course must be from one of the following clusters: Education & Training, Government & Public Administration, Health Science, Human Services, Law, Public Safety, Corrections, and Security 4.0 Credits	Four credits in the Junior Reserve Officer Training Corps (JROTC). 4.0 Credits
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits

PUBLIC SERVICES ENDORSEMENT OPTIONS

Foundation (22 Credits) + Endorsement (4.0 Credits) = 26 Credits



Career & Technical Education Distinguished Level of Achievement

Endorsement (A)
CAREER &
TECHNICAL
EDUCATION
EPISD Foundation
And

A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. That final course must be from one of the following clusters:
The final course must be from one of the Following clusters:
Education & Training, Government and Public Administration, Health Science, Human Services, Law, Public Safety, Corrections, and Security

4.0 Credits

Academic Distinguished Level of Achievement

Endorsement (B)
Junior Reserve Officer Training Corps
(JROTC)
EPISD Foundation
And

Four credits in the Junior Reserve Officer Training Corps (JROTC).

4.0 Credits

Public Services
ENDORSEMENT

**(A) Career &
Technical
Education**



✓

A coherent sequence of courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. That final course must be from one of the following clusters: The final course must be from one of the Following clusters: Education & Training, Government and Public Administration, Health Science, Human Services, Law, Public Safety, Corrections, and Security

4.0 Credits

Public Services
ENDORSEMENT
**(B) Junior
Reserve Officer
Training Corp**



Four credits in the Junior
Reserve Officer Training
Corps (JROTC).
4.0 Credits

MULTIDISCIPLINARY ENDORSEMENT

Content	Endorsement (A) Workforce/Post-Secondary Education	Endorsement (B) Core Concentration	Endorsement (C) Advanced	
4.0 Credits English	English I English II English III English IV	English I English II English III English IV	English I English II English III English IV	At least one Advanced Course in : Advanced Placement (AP), OR Intern. Baccalaureate (IB), OR Dual Credit (DC)
4.0 Credits Math	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course	Algebra 1 Geometry Algebra 2 Advanced Mathematics Course	Advanced Mathematics Course; AP, IB, DC
4.0 Credits Science	Biology I Chemistry or Physics Two Advanced Science Courses, Category 2	Biology I Chemistry or Physics Two Advanced Science Courses, Category 2	Biology I Chemistry or Physics Two Advanced Science Courses, Category 2 OR Two Advanced Science Courses;	AP, IB, DC
3.0 Credits Social Studies	World History OR World Geography US History Government/Economics	World History OR World Geography US History Government/Economics	US History World History Government/Economics	At least one Course in: Advanced Placement (AP), OR Intern. Baccalaureate (IB), OR Dual Credit (DC)
2.0 Credits-LOTE <i>Languages Other Than English</i>	Two Levels Same Language	Two Levels Same Language	Two Levels Same Language	
1.0 Credit-PE	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	P.E. OR P.E. Equivalent	
0.5 Credit-Health	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	0.5 Health OR (1.0 Lifetime Nutrition & Wellness OR 1.0 Health Science I)*	
0.5 Credit-Speech	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	Communication Apps. OR Professional Communication	
1.0 Credit-Fine Arts	Same Genre	Same Genre	Same Genre	
1.0 Credit-Technology	Technology Credit	Technology Credit	Technology Credit	
0.5 to 1.0 Credit-Elective	0.5 to 1 Credit	0.5 to 1 Credit	0.5 to 1 Credit	
22.0 Credits = EPISD FOUNDATION REQUIREMENTS	22.0 Credits	22.0 Credits	22.0 Credits	
TEA/EPISD Endorsements Requirements and/or Coherent Sequences	Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence 4.0 Credits	Four credits to include one additional social studies and three elective credits 4.0 Credits	Four credits to include a fourth social studies: Advanced Placement, (AP) OR International Baccalaureate (IB) OR Dual Credit (DC) Courses can be elected from English, mathematics, sciencesocial studies, economics, languages other than English, or fine arts. 4.0 Credits	
Foundation + Endorsement + Distinguished Level of Achievement = EPISD Graduation Plan	26 Credits	26 Credits	26 Credits	

MULTIDISCIPLINARY ENDORSEMENT OPTIONS

Foundation (22 Credits) + Endorsement (4.0 Credits) = 26 Credits



Career & Technical Education
Distinguished Level of Achievement

Academic
Distinguished Level of Achievement

Endorsement (A)
Workforce
Post-Secondary Education
EPISD
Foundation And

Endorsement (B)
Core Concentration
EPISD
Foundation And

Endorsement (C)
Advanced
EPISD
Foundation And

Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence
4.0 Credits

Four credits to include one additional social studies and three elective credits
4.0 Credit

Four credits to include a fourth social studies: Advanced Placement, (AP) OR International Baccalaureate (IB) OR Dual Credit (DC)
Courses can be elected from English, mathematics, science, social studies, economics, languages other than English, or fine arts.
4.0 Credits

MULTIDISCIPLINARY
ENDORSEMENT


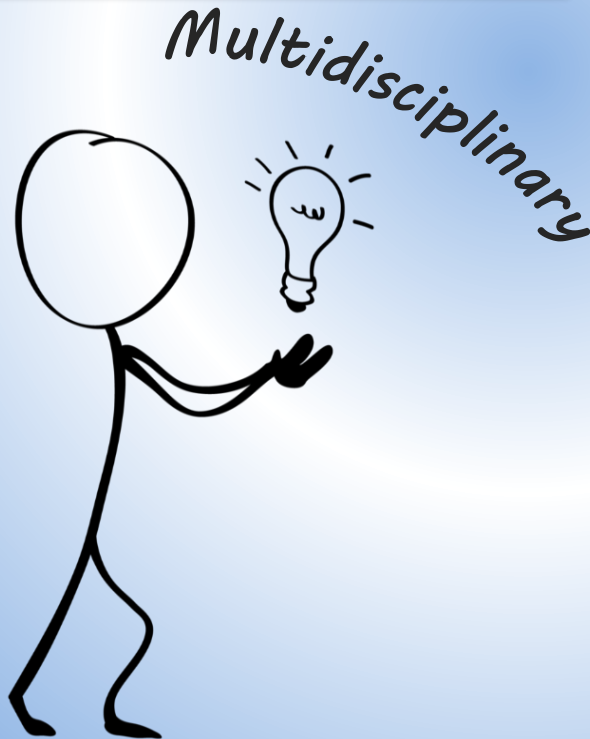
(A) Workforce Post-Secondary Education



Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence

4.0 Credits

MULTIDISCIPLINARY
ENDORSEMENT
**(B) Core
Concentration**



Four credits to
include one
additional social
studies and three
elective credits
4.0 Credit

MULTIDISCIPLINARY
ENDORSEMENT

(C) Advanced Academics



✓

Four credits to include a fourth social studies:
Advanced Placement, (AP)
OR International
Baccalaureate (IB) OR
Dual Credit (DC)
Courses can be elected
from English,
mathematics, science,
social studies, economics,
languages other
than English, or fine arts.
4.0 Credits

- CCRP -



Name: Christopher A. Allan

Student ID: caallan

School: Technology Services

Program of Study: Bio Medical-Technical Engineering

Magnet: Chapin PLTW/STEM Magnet Rectangular Snip

Cluster: Science, Technology, Engineering & Mathematics

Endorsement: STEM

Last Modified: Thursday Dec. 4th, 2014 at 07:46:43 AM

Category	Pre-High School	1st Year	2nd Year	3rd Year	4th Year
English		Eng 1	Eng 2	Eng 3	
Math	Alg 1 PAP (ALG 1)	Geom PAP (GEOM)	Alg 2 PAP (ALG 2)	Pre Cal PAP (PRE CALC)	
Science	IPC PAP (IPC)	Bio PAP (BIO)	Chem PAP (CHEM)	Physics PAP (PHYSICS)	Physics B AP (AP-PHYSB)
Science 2				Anat Phys (ANATPHYS)	
Soc. Stud.		W Hist		US Hist	US Govt (GOVT)
Soc. Stud. 2					Econ-FE (ECO-FE)
Language		Span 1 SL (SPAN 1)	Span 2 SL (SPAN 2)		
Fine Arts		Art 1 A (ART 1)			
P.E.	PE 1A FND PE HE (PEFOUND)	PE Found (PEFOUND)			
Speech			Comm Apps (COMMAPP)		
Tech App			BIM 1 (BUSIM1)		
Endorsement 1		PLW Intr E Dsg (IED)	PLW Prin Eng (PRINENG)	PLW Biotech Eng (BIOENG)	PLW Eng Dsg Dev (EDD)
Elect.	Touch System Data Entry (TSDATAE)				
Credits	3.00	7.50	6.50	6.00	3.00
				Total Credits	26.00

Plan Information

Strands_Information

9th Grade A_Strand: Algebra I PAP B_Strand: Geometry PAP - 10th Grade A_Strand: Pre AP Geometry and Pre AP Algebra II B_Strand: Pre AP Algebra II - 11th Grade A_Strand: Calculus PAP or Dual Credit Pre- Calculus B_Strand: Pre-Calculus PAP or Dual Credit Pre- Calculus

College Credit Process

Secondary school students from any PLTW-certified school may apply for RIT college credit for five of the PLTW courses:

Introduction to Engineering Design/Design and Drawing for Production/Solid Modeling
Principles of Engineering
Computer Integrated Manufacturing
Digital Electronics
Civil Engineering and Architecture

RIT requires these students to receive at least an 85 percent average in the course and score 70 or above on the college credit exam (70-79=C, 80-89=B, 90 and above is an A). For the students meeting those criteria, RIT awards four-quarter credits for each of the five courses, and the cost is \$200 per course.

RIT's academic departments evaluate the acceptability of those credits in the same manner in which they evaluate and confer transfer credits. Applying for and receiving RIT credits for PLTW courses does not guarantee that those credits will be accepted in individual academic programs at RIT. All RIT colleges should be able to accept up to three PLTW courses as 'free electives' in addition to any they might accept as direct course replacements.

Legend_Strands

A Strands: those students who did not receive high school credit in algebra in eighth grade. B Strands: those students who received high school credit in algebra in the eighth grade and will take geometry in ninth grade.

College Credit_1

(CHAPIN MAGNET PLTW) Principles of Engineering:
(Rochester Institute of Technology-RIT) 0617269-88 – Principles of Engineering

College Credit_2

(CHAPIN MAGNET PLTW) Introduction to Engineering and Design:
(Rochester Institute of Technology-RIT) 0617262-88 – Solid Modeling and Design

College Credit_3

(CHAPIN MAGNET PLTW) Computer Integrated Manufacturing:
(Rochester Institute of Technology-RIT) 0617330-88 – Computer Integrated Manufacturing

College Credit_4

(CHAPIN MAGNET PLTW) Digital Electronics:
(Rochester Institute of Technology-RIT) 0618200-88 – Digital Fundamentals

CTE Core and Technology Credit

PLTW Introduction to Engineering Design qualifies as an Advanced Science Credit.

HB5 (House Bill 5) Endorsement Letter for STEM

A student entering 9th grade in the 2014-2015 school year must indicate an endorsement pursuing their interest.

Name:	Christopher A. Allan	Student ID#:	caallan	Campus:	Technology Services
Plan of Study:	Bio Medical-Technical Engineering	Endorsement:	STEM		

About

During the Texas 2012-2013 legislature, House Bill #5 was approved to reshape the graduation plans for all students in the state of Texas. The new graduation plans are designed for students to choose their high school Program of Study which is prescribed through five endorsement areas. Your child has selected the STEM endorsement.

Foundation Requirements

0.00/4.00 English Credit	0.00/0.50 Communication Application Credit
0.00/4.00 Mathematics Credit	0.00/0.50 Health Credit
0.00/4.00 Science Credit	0.00/1.00 Physical Education Credit
0.00/3.00 History Credit	0.00/1.00 Technology Credit
0.00/3.00 Foreign Language Credit	0.00/4.00 Elective Credit
0.00/1.00 Fine Arts Credit	

STEM Endorsement Info

Description

Planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

Restrictions

Must attend Chapin's Project Lead the Way Magnet

Endorsement Requirements

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____

Counselor Signature: _____

Date: _____

- Questions -

