

# PISD Graduation Plan

2016

Academic Planning

# 4 pathways to graduate in Plano

- ▶ Rice → Jasper → Plano West
- ▶ Rice → Academy
- ▶ Rice → Health Science Academy (Williams) → Plano East
- ▶ Rice → IB Academy (Plano East)



- ▶ If you are on a “Transfer” to Rice, you must fill out another Transfer form in order to attend Jasper.

# Naviance – 4 Year Plans

Tentative Four-Year Plan Entering 9th Grade in the 2017 - 2018

Name \_\_\_\_\_ ID NO. \_\_\_\_\_ Grade \_\_\_\_\_ Date \_\_\_\_\_

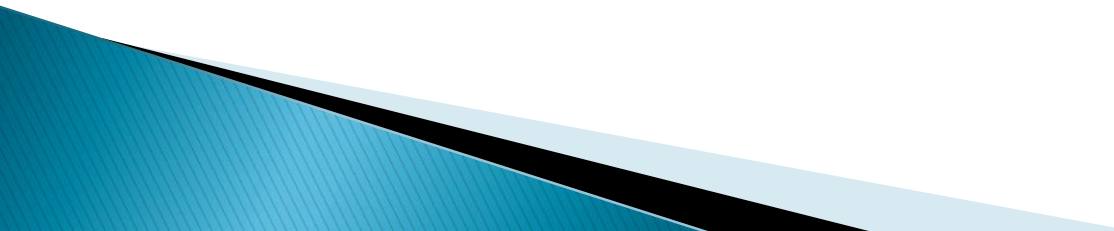
9th	Credits	10th	Credits	11th	Credits	12th	Credits
1. English I H	1.0	1. English II H	1.0	1. English III H	1.0	1. English IV H	1.0
2. W. Geog. H	1.0	2. W. Hist	1.0	2. US History	1.0	2. Governments/Economics	1.0
3. Biology	1.0	3. Chemistry	1.0	3. Earth and Space Science	1.0	3. Anatomy and Phys.	1.0
4. Algebra I	1.0	4. Geometry	1.0	4. Math Models	1.0	4. Algebra II	1.0
5. German I	1.0	5. German II	1.0	5. elective	1.0	5. elective	1.0
6. Health/PE Sports	1.0	6. Sculpture	1.0	6. Prof Com/PE	1.0	6. elective	1.0
7. AVID	1.0	7. AVID	1.0	7. AVID	1.0	7. AVID	1.0
Summer School:		Summer School		Summer School		Summer School	
	Credits 7.0		Credits 7.0		Credits 7.0		Credits 7.0



Required Subject Areas	Foundation/Endorsement Plan Students are eligible to apply for general admission to state colleges and universities	English Language Arts 4 <sup>th</sup> year English:	Math 3 <sup>rd</sup> and 4 <sup>th</sup> year Math:	Science 2 <sup>nd</sup> year Science:	Science 3 <sup>rd</sup> and 4 <sup>th</sup> year Science
English	4 credits English 1, 2, 3, 4 <sup>th</sup> year choice (EOCs: English 1 and English 2)	<ul style="list-style-type: none"> <li>English 4</li> <li>Oral Interpretation 3</li> <li>Debate 3</li> <li>AP English Literature and Composition</li> <li>IB Language Studies A1 HL</li> <li>Professional Communication – if taken after English 3 – a ½ semester course which must be combined with another ½ semester course</li> <li>Literary Genres – if taken after English 3</li> <li>Creative Writing – if taken after English 3</li> </ul>	<ul style="list-style-type: none"> <li>Math Models (must be taken before Algebra 2)</li> <li>Algebra 2</li> <li>Algebra 2 is a prerequisite for the following courses:                             <ul style="list-style-type: none"> <li>Calculus</li> <li>Advanced Quantitative Reasoning</li> <li>AP Statistics</li> <li>AP Calculus AB</li> <li>AP Calculus BC</li> <li>Math Independent Study</li> <li>IB Mathematics SL</li> <li>IB Mathematics HL</li> <li>IB Further Mathematics HL</li> </ul> </li> <li>AP Computer Science A</li> </ul>	<ul style="list-style-type: none"> <li>IPC (Integrated Physics and Chemistry)</li> <li>Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Chemistry</li> <li>Physics</li> <li>Earth and Space Science</li> <li>Environmental Systems</li> <li>AP or IB Biology</li> <li>AP or IB Chemistry</li> <li>AP Physics 1-2</li> <li>AP Physics C</li> <li>IB Physics</li> <li>AP Environmental Science</li> <li>IB Environmental Systems</li> <li>Anatomy and Physiology</li> <li>Food Science</li> <li>Forensic Science</li> <li>Scientific Research and Design Honors</li> <li>Engineering Design and Problem Solving</li> <li>Principles of Engineering</li> </ul>
Math	4 credits Algebra 1, Geometry, 3 <sup>rd</sup> year choice, 4 <sup>th</sup> year choice (EOC: Algebra 1)				
Science	4 credits: Biology, 2 <sup>nd</sup> year choice 3 <sup>rd</sup> year choice, 4 <sup>th</sup> year choice (EOC Biology)				
Social Studies	4 credits World Geography, World History, US History, US Government/Economics (EOC: US History)				
Fine Arts	1.0 credit Art, Music, Theater, Dance, Principles and Elements of Floral Design				
Foreign Language	2 credits				
Health	.5 or 1.0 credit of Principles of Health Science				
Physical Education	1.0 credit				
Communication	.5 credit – AVID 1, Oral Interpretation 1, Debate 1, Professional Communication				
Electives/Endorsement Choices	5 credits				
<b>Total</b>	<b>26 Credits</b>  Distinguished Level of Achievement is the Foundation/Endorsement Plan including Algebra 2. Students are eligible for top 10% automatic admission to state universities.				

Signatures: Student \_\_\_\_\_ Parent \_\_\_\_\_ Counselor \_\_\_\_\_

# 9<sup>th</sup> Grade Registration

- ▶ You will have to sign up for all 4 core classes (English, Science, Math, Science)
  - ▶ If you are in athletics, you now sign up for your particular sport and not athletics as a whole.
  - ▶ If you are in a music and want to continue that music, you will register for that.
  - ▶ You will register for any application based class (debate, cheer, yearbook, etc.) All applications will be available at Academic Conferences.
- 

# Summer School

What classes can I take this summer? (\$, GPA)

- PE
- Professional Communications
- Health

What classes can I take through e-School? (\$)

- PE
- Professional Communications
- Health

What can I CBE?

- Math
- Foreign Language
- PE
- Professional Communications
- Health



- ▶ If the class fits in your 4 year plan, there is no need to take summer school!

# Grade Point Average (GPA) Chart

Grade points for **grades 9 – 12** shall be assigned according to the chart below:

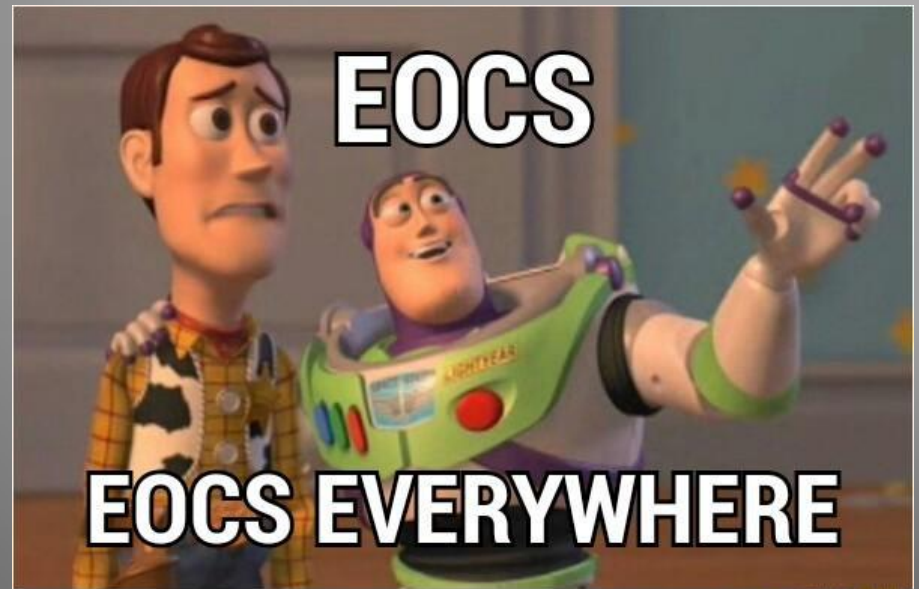
<b>Numerical Grade</b>	<b>AP / IB*</b>	<b>Pre-AP / IH / Honors*</b>	<b>Regular</b>	<b>Modified</b>	<b>Applied/Fundamental</b>
97 & above	5.0	4.5	4.0	3.5	2.5
93 – 96	4.8	4.3	3.8	3.3	2.3
90 – 92	4.6	4.1	3.6	3.1	2.1
87 – 89	4.4	3.9	3.4	2.9	1.9
83 – 86	4.2	3.7	3.2	2.7	1.7
80 – 82	4.0	3.5	3.0	2.5	1.5
77 – 79	3.8	3.3	2.8	2.3	1.3
73 – 76	3.6	3.1	2.6	2.1	1.1
71 – 72	3.4	2.9	2.4	1.9	1.0
70	3.0	2.5	2.0	1.5	1.0
Below 70	0	0	0	0	0

- **New Honors exist process– Up to 6 weeks in class, grades follow and multiple meetings needed in order to drop class.**
- **Teacher Recommendations– Just because every teacher recommends you for Honors, doesn't mean you can handle all Honors classes!**

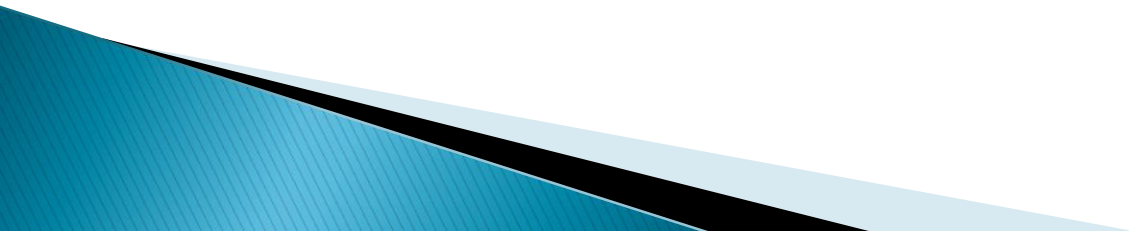


# State Testing– End of Course Exams

- ▶ Algebra I
- ▶ Biology
- ▶ English I
- ▶ English II
- ▶ Us History
  
- ▶ Students who do not pass are required to have some type of remediation.
- ▶ Can retake in July or December



# Foundation/Endorsement Plan Requirements



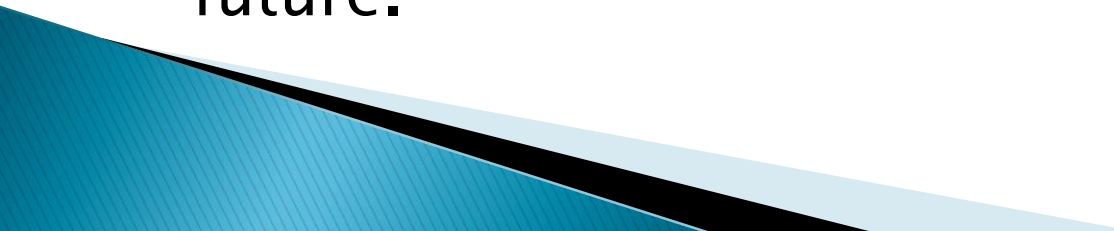


# English Language Arts

- ▶ English 1
- ▶ English 2
- ▶ English 3
- ▶ English 4 or choice

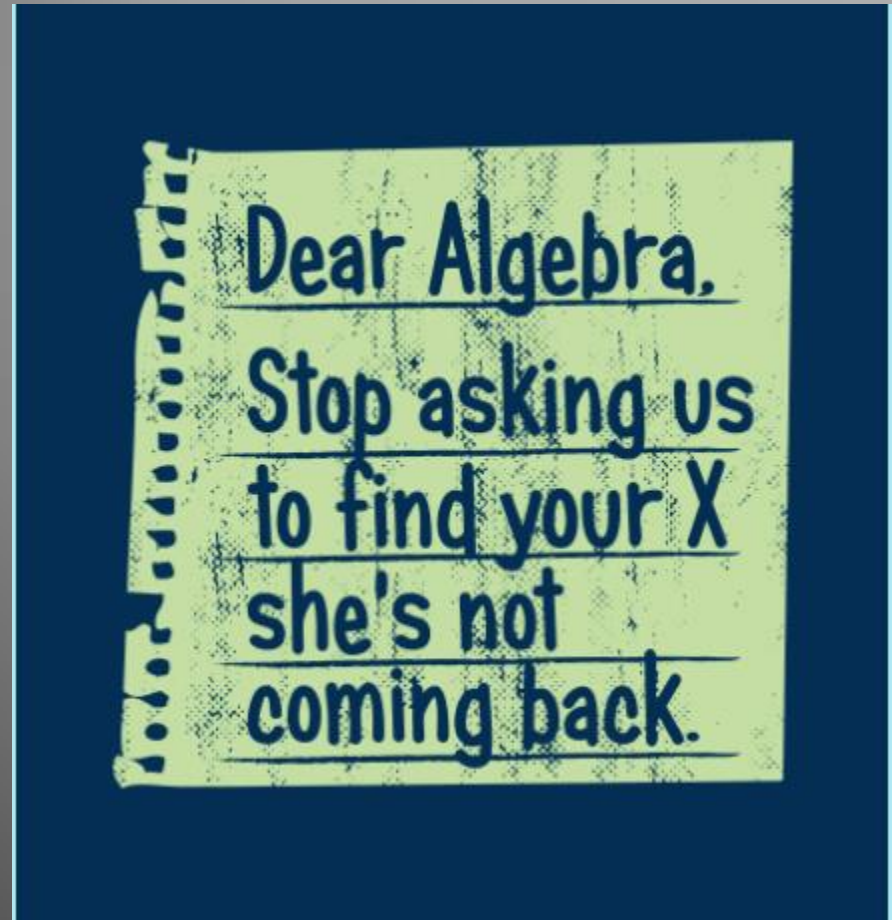


# Course Options for 4<sup>th</sup> year of English

- ▶ English 4
  - ▶ Oral Interpretation 3
  - ▶ Debate 3
  - ▶ AP English Literature and Composition
  - ▶ IB Language Studies A1 HL
  - ▶ Literary Genres– if taken after English 3
  - ▶ Creative Writing– if taken after English 3
  
  - ▶ Other options, such as Research and Technical Writing or Business English, may be available in the future.
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# Math– 4 Credits

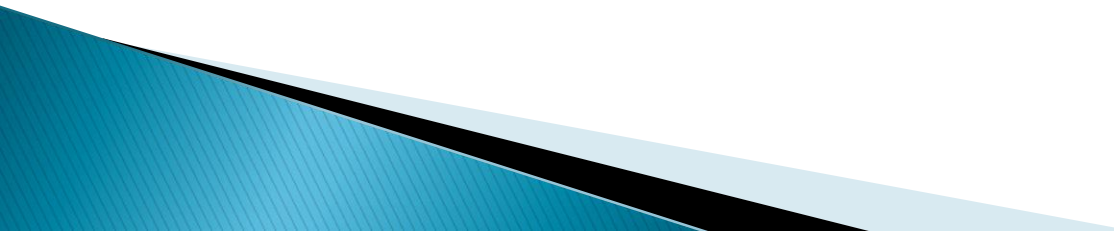
- ▶ Algebra 1
- ▶ Geometry
- ▶ 3<sup>rd</sup> year choice
- ▶ 4<sup>th</sup> year choice



# Course options for 3<sup>rd</sup> Year of Math

- ▶ Math Models
- ▶ Statistics
- ▶ Algebra 2


Algebra 2 is a prerequisite for the following courses:

- ▶ Pre-calculus
  - ▶ Advanced Quantitative Reasoning
  - ▶ AP Statistics
  - ▶ AP Calculus AB
  - ▶ AP Calculus BC
  - ▶ Math Independent Study
  - ▶ IB Mathematics SL
  - ▶ IB Mathematics HL
  - ▶ IB Further Mathematics HL
- 

# Course Options for 4<sup>th</sup> Year of Math

- Math Models
- Statistics
- Algebra 2

Algebra 2 is a prerequisite for the following courses:

- Pre-calculus
  - Advanced Quantitative Reasoning
  - AP Statistics
  - AP Calculus AB
  - AP Calculus BC
  - Math Independent Study
  - IB Mathematics SL
  - IB Mathematics HL
  - IB Further Mathematics HL
- 

# Social Studies– 4 Credits

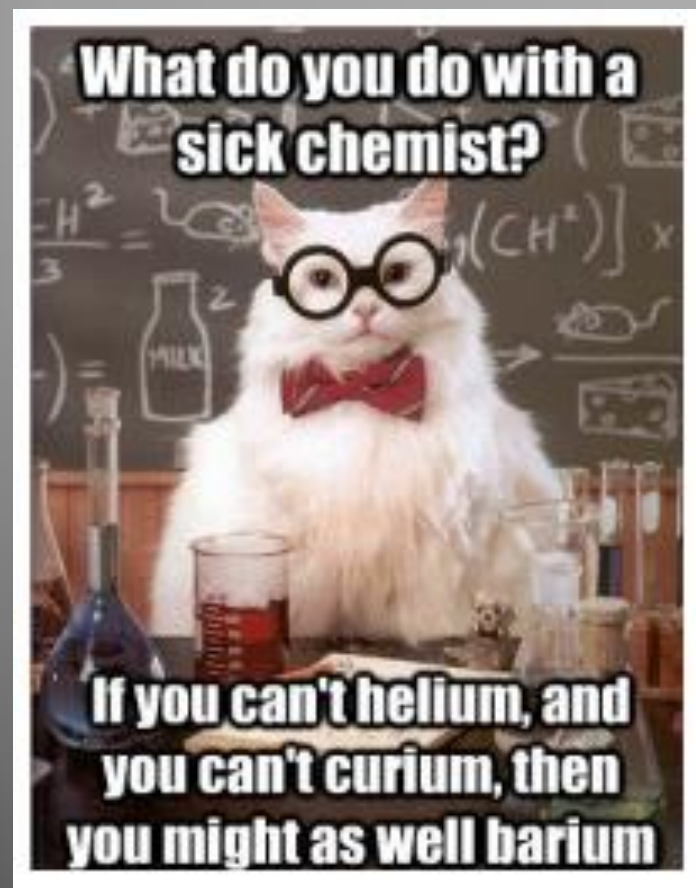
- ▶ World Geography
- ▶ World History
- ▶ US History
- ▶ Government/Economics





# Science– 4 Credits

- ▶ Biology
- ▶ Choice– IPC or Chemistry
- ▶ 3<sup>rd</sup> year choice
- ▶ 4<sup>th</sup> year choice



# Course Options for 3<sup>rd</sup> year of Science

- ▶ Chemistry
- ▶ Physics
- ▶ Earth and Space Science
- ▶ Environmental Science
- ▶ AP or IB Biology
- ▶ AP or IB Chemistry
- ▶ AP Physics 1 / 2
- ▶ AP Physics C
- ▶ IB Physics
- ▶ AP Environmental Science
- ▶ IB Environmental Systems
- ▶ Anatomy and Physiology
- ▶ Food Science
- ▶ Forensic Science
- ▶ Scientific Research and Design
- ▶ Engineering and Design and Problem Solving
- ▶ Principles of Engineering
  
- ▶ Other options may be available in the future.

# Course Options for 4<sup>th</sup> year of Science

- Chemistry
- Physics
- Earth and Space Science
- Environmental Science
- AP or IB Biology
- AP or IB Chemistry
- AP Physics 1 / 2
- AP Physics C
- IB Physics
- AP Environmental Science
- IB Environmental Systems
- Anatomy and Physiology
- Food Science
- Forensic Science
- Scientific Research and Design
- Engineering and Design and Problem Solving
- Principles of Engineering
  
- Other options may be available in the future.

# Prerequisites

- ▶ All prerequisites must be met before taking a course.
- ▶ ie; Law Enforcement before Forensic Science

# Foundation/Endorsement Requirements Continued

- ▶ Health– ½ credit
- ▶ Foreign Language– 2 credits
- ▶ Fine Arts– 1 credit
- ▶ Physical Education– 1 credit
- ▶ Professional Communications– ½ credit
- ▶ Elective/Endorsement Choices– 5 credits
  
- ▶ **Total credits Needed to Graduate– 26**
- ▶ Students are enrolled in 7 courses per school year and have the opportunity to earn 28 credits in the 9<sup>th</sup> through 12<sup>th</sup> grades.
- ▶ Distinguished Level of Achievement–  
Foundation/Endorsement Plan including Algebra 2. Required to be eligible for top 10% automatic admission to state universities. ( UT and Texas A&M only take top 8%)

# Fine Art Credits

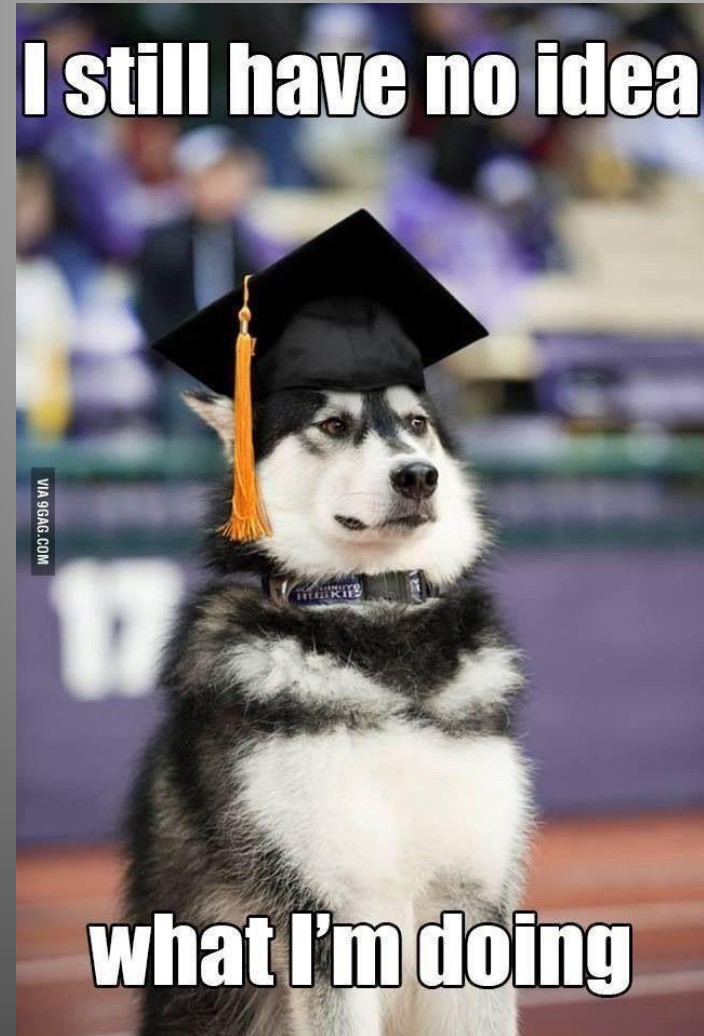
- ▶ Art
  - Drawing, Sculpture, Art and Media
- ▶ AP Art History
- ▶ Music
  - Choir, Band, Orchestra
- ▶ Music Theory
- ▶ Theater
  - Theater, Theater Tech
- ▶ Dance
- ▶ Principals of Floral Design





# Endorsements

- ▶ Business and Industry
- ▶ Public Service
- ▶ STEM
- ▶ Arts and Humanities
- ▶ Multidisciplinary



# Endorsements

- ▶ **Business and Industry**
    - Database Management
    - Information Technology
    - Communications
    - Accounting
    - Finance
    - Marketing
    - Graphic Design
    - Architecture
    - Logistics
    - Automotive Technology
    - Agricultural Science
- 

# Business and Industry Endorsement Pathway

- ▶ Within the requirements of the 26 credits a student must complete one of the concentration options below
  - A. Four credits in a CTE Concentration
  - B. Four additional credits in English Concentration (example: four years of Debate)
  - C. Four Credits in a Technology applications Concentration.
  - D. Combined Concentration

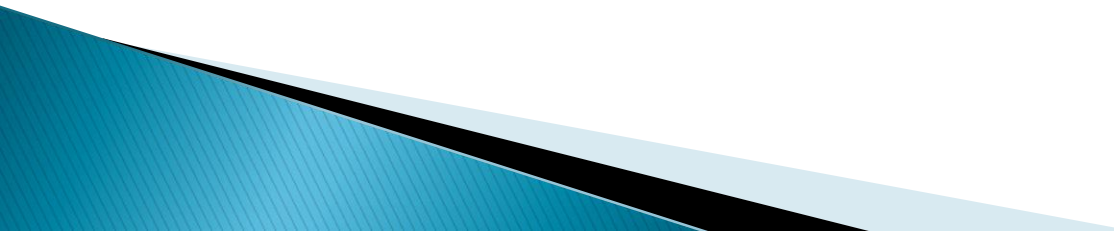
# Public Services

- ▶ Health and Sciences and Occupations
  - ▶ Education and Training
  - ▶ Law Enforcement
  - ▶ Culinary Arts
  - ▶ Hospitality
- 

# Public Service Pathway

- ▶ Within the requirement of the 26 credits to earn and endorsement, a student must complete the following:
  - A. A coherent sequence of four or more credits in CTE.
- OR
- B. Four courses in JROTC.

# STEM

- ▶ Physics Required
  - ▶ Science
  - ▶ Technology
  - ▶ Engineering
  - ▶ Advanced Math
- 



# STEM Endorsement Pathway

- ▶ Within the requirements of the 2 credits to earn an endorsement, including Algebra 2, Chemistry and Physics, students must meet one of the following criteria:
  - A. 4 credits– Career and Technical Education (Requirements for particular credits apply)
  - B. 4 credits– Computer Science
  - C. 5 credits in Science including Biology, Chemistry, and Physics.
  - E. Combination of two areas from CTE, computer science, math, science.

# Arts and Humanities

- ▶ Political Science
  - ▶ World Language
  - ▶ Cultural Studies
  - ▶ English Literature
  - ▶ History
  - ▶ Fine Arts
- 

# Arts and Humanities Pathway

- ▶ Within the 26 credits required, a student must complete one of the concentrations below:
  - A. Social Studies Concentration– 5 credits
  - B. LOTE– four years of any language or two years of two different languages.
  - C. Fine Arts– Four credits of any fine arts sequence
  - D. Four English elective credits

# Multidisciplinary

- ▶ Designated advanced courses from several endorsement areas in each of the four Foundation subjects.

# Multidisciplinary Pathways

- ▶ Within the 26 credits:
  - A. Workforce Concentration– four courses that prepare a student for the workforce or post-secondary education.
  - B. Foundation Subjects Concentration– 4X4 with English 4, Chemistry AND/OR Physics.
  - C. Advanced Placement or International Baccalaureate Concentration– 4 courses.