



# Thornton High School



Academic Pathways 2012-2013

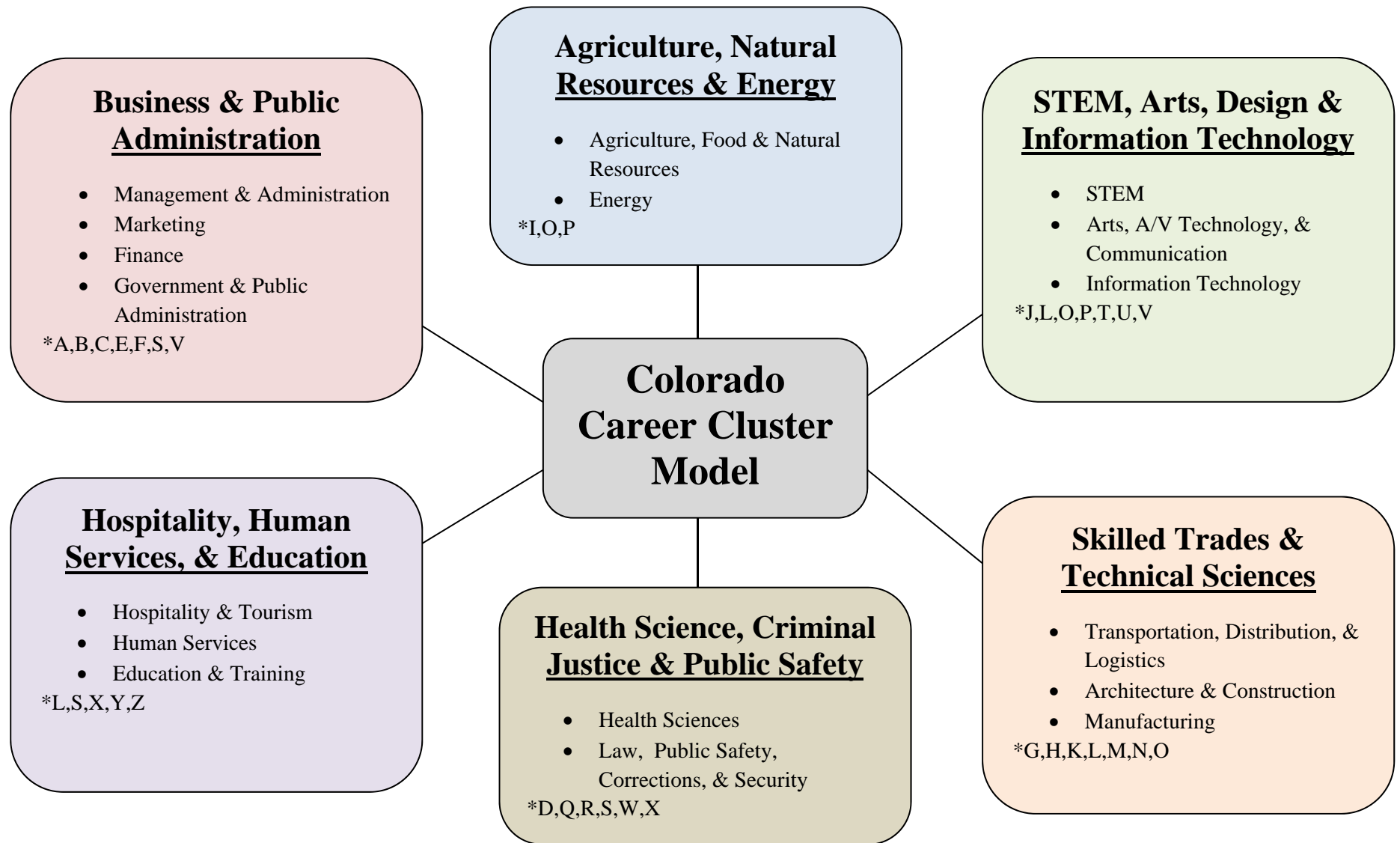




TROJANS

TROJANS





# ACADEMIC PATHWAYS

These course offerings are aligned with the **Colorado Career Cluster Model** (*see figure, page 2*). This model consists of 17 **Career Clusters**, which are groupings of occupations and industries. These groupings are used as an organization tool for student 4-year planning and course selection, as well as seamless transition into postsecondary education and careers.

Each year, students select a **Career Cluster**, choose either an *Academic* or *Technical* pathway, and are expected to follow the recommended **Individual Career and Academic Plan of Study (ICAP)** within the chosen cluster and pathway. An **ICAP** will help students and parents outline courses the student will take during his or her high school years. All **ICAP** pathways meet Adams 12 graduation and CDHE higher education admission requirements, incorporate classes that will prepare students for careers and/or further study within the **Career Cluster**, and offer students open elective choice.

Cluster: Agriculture, Food, & Natural Resources		Sector: Agriculture & Natural Resources			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	MYP Literature 9* - 1135 Accelerated Reading 1 - 1221 ESL English****	English 10 - 1300 Accelerated Reading 2 - 1224 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 Voyager English 3*** - 0138 ESL English****	AP Language/Comp – 1131 AP Literature/Comp – 1133 Philosophy – 1400 Literature to Film/Comp – 1515 Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts - 6354 Newspaper – 1530 Speech - 1165 Yearbook - 1545 English 3*** - 1212 ESL English****
	Math (3 credits)	MYP Math 9 - 2180 MYP Math 10 – 2185	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or	AP Biology – 5030 or AP Chemistry – 5075 or AP Physics - 5111

				Physics 5100 or Environmental Science – 5201/5202 Integrated Science**** - 5010	
	<b>Social Studies (3 credits)</b>	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers			
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Active PE Class**: Healthy Choices – 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>				
	<b>Open Choice</b>	Choose 0.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits	Choose 3.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements					
	**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level

Cluster: Agriculture, Food, & Natural Resources		Sector: Agriculture & Natural Resources			
Recommended Individual Academic Plan of Study – Technical Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	MYP Literature 9* - 1135	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 AP Literature/Comp – 1133 Philosophy – 1400 Literature to Film/Comp Multicultural Lit – 1372 Creative Writing – 1170 Theater Arts - 6354 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	MYP Math 9 - 2180 or MYP Math 10 – 2185	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 CMIC 4 - 2261 Math Analysis – 2125 Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	Oceanography – 5146
	<b>Social Studies (3 credits)</b>	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers			
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Active PE Class**: Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>			BTEC: Applied Technology 1 - 9705	BTEC: Applied Technology 2 – 9710**

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• Environmental Studies</li> <li>• Water &amp; Wastewater Technology</li> <li>• Surveying Technology</li> <li>• Landscape Design</li> </ul>	<ul style="list-style-type: none"> <li>• Marine Technology</li> <li>• Forest Information Technology</li> <li>• Geographic Information Systems</li> <li>• Environmental Studies</li> <li>• Surveying Technology</li> <li>• Water &amp; Wastewater Technology</li> <li>• Biotechnology</li> <li>• Veterinary Technology</li> <li>• Horticulture Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Geography</li> <li>• Natural Science</li> <li>• Equine Sciences</li> <li>• Horticulture</li> <li>• Zoology</li> <li>• Marine &amp; Freshwater Biology</li> <li>• Ecology &amp; Evolutionary Biology</li> <li>• Environmental Biology</li> <li>• Chemistry</li> <li>• Biochemistry</li> <li>• Animal Sciences</li> <li>• Pre-veterinary Medicine</li> <li>• Forestry</li> <li>• Plant Biology</li> </ul>

Cluster: **Architecture & Construction**

Sector: **Skilled Trades & Technical Sciences**

**Recommended Individual Academic Plan of Study – Academic Pathway**

	<u>Subject Area</u>	<u>9<sup>th</sup> grade</u>	<u>10<sup>th</sup> Grade</u>	<u>11<sup>th</sup> Grade</u>	<u>12<sup>th</sup> Grade</u>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	MYP Literature 9* - 1135	English 10 Honors - 1335 English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 English 2*** - 1211 ESL English****	AP Language/Comp – 1131 AP Literature/Comp – 1133 Philosophy – 1400 Literature to Film/Comp – Speech - 1165 Multicultural Lit – 1372 Creative Writing – 1170 Theater Arts - 6354 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	MYP Math 9 - 2180 MYP Math 10 – 2185	CMIC 3 – 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 CMIC 4 - 2261 Math Analysis – 2125 Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 AP Chemistry – 5075 CP Anatomy & Physiology – 5035 CP Physics 5105 Physics 5100 Environmental Science – 5201/5202 Integrated Science*** - 5010	AP Chemistry – 5075 AP Physics – 5111
	<b>Social Studies (3 credits)</b>	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers			
<b>Elective Areas</b>	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Active PE Class**: Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical</b>				



	<b>Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>		F&CS: Interior Design - 7642	BTEC: Computer Aided Design 1 – 9740**	BTEC: Computer Aided Design 2 – 9745**
	<b>Open Choice</b>	Choose 0.5 Credits	Choose .5 Credits	Choose 1.0 Credits	Choose 2.0 Credits



Cluster: Architecture & Construction	Sector: Skilled Trades & Technical Sciences
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**Recommended Individual Academic Plan of Study – Technical Pathway**

	<u>Subject Area</u>	<u>9<sup>th</sup> grade</u>	<u>10<sup>th</sup> Grade</u>	<u>11<sup>th</sup> Grade</u>	<u>12<sup>th</sup> Grade</u>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	MYP Literature 9* - 1135	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	MYP Math 9 - 2180 or MYP Math 10 – 2185	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	BTEC: Materials Science - 9814
	<b>Social Studies (3 credits)</b>	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180		
<b>Elective Areas</b>	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Active PE Class**; Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts</b>				

	<b>(2 credits)</b> <i>Art, BTEC, Business, Music**, or FCS</i>		F&CS: Interior Design - 7642	BTEC: Construction Technology 1 – 9750**	BTEC: Construction Technology 2 – 9755**
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 1.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits

Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements

\*\*Can exceed 6 class limit Acquisition Level      \*\*\*Level placement based on IEP      \*\*\*\*Level Placement Based on Language

Cluster: Architecture & Construction      Sector: Skilled Trades & Technical Sciences

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• Drafting CAD/CAM</li> <li>• Landscape Design</li> <li>• Environmental Studies</li> </ul>	<ul style="list-style-type: none"> <li>• Surveying Technology</li> <li>• Environmental Studies</li> <li>• Computer Info Systems</li> <li>• CADD</li> <li>• Building Construction</li> <li>• Heating Ventilation &amp; Air Conditioning (HVAC)</li> <li>• Electronic Engineer Technology</li> <li>• Architectural Engineering</li> <li>• Civil Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Planning</li> <li>• Computer Science</li> <li>• Architectural Technology Engineering</li> <li>• Civil Engineering</li> <li>• Electrical Engineering</li> <li>• Mechanical Engineering</li> <li>• Environmental Engineering</li> <li>• Computer Engineering</li> </ul>

## Enhancement Options

**Clubs & Activities:** MESA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship

Cluster: Arts, A/V Technology, & Communication		Sector: STEM, Arts, Design, & Information Technology			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	MYP Literature 9* - 1135	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or British Lit/Comp – 1123 or Classical Studies/Comp – 1505 or Modern Lit/Comp - 1230 English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Classical Studies – 1500 or Pick 2 Eng for the College Bound – 1200 or Multicultural Lit – 1372 or Creative Writing – 1170 or Journalism - 1530
	Math (3 credits)	MYP Math 9 - 2180 or MYP Math 10 – 2185	CMIC 3 – 2260 or CMIC 2/3 Block - 2280 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math***	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math***
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
Elective Areas	World Language (applied to Arts credit) (Must enroll 9 <sup>th</sup> grade)	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers			
	Physical Education (2 credits)	Active PE Class**: Healthy Choices - 4110			
	Fine & Practical Arts (2 credits) Art, BTEC, Business, Music**, or Family & Consumer Sciences	Fine/Practical Art***:	Bus : Computer Applications – 7420 Or Choose 0.5 Pathway Specific#:	BTEC: Graphic Design 1 – 9770** Or Choose 1.0 Pathway Specific#:	BTEC: Graphic Design 2 – 9770** or BTEC: Multimedia Tech – 9825** Or Choose 2.0 Pathway Specific#:

Cluster: Arts, A/V Technology, & Communication		Sector: STEM, Arts, Design, & Information Technology			
Recommended Individual Academic Plan of Study – Technical Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	MYP Literature 9* - 1135	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	Math (3 credits)	MYP Math 9 - 2180 or MYP Math 10 – 2185	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or Physics 5100 Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
Elective Areas	World Language (Must enroll 9 <sup>th</sup> grade)	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	Physical Education	Intro to Fitness - 4190			

	<b>(2 credits)</b>	Active PE Class**: Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>	Fine/Practical Art***:	Bus : Computer Applications – 7420 Or Choose 0.5 Pathway Specific#: _____	BTEC: Graphic Design 1 – 9770** Or Choose 1.0 Pathway Specific#: _____	BTEC: Graphic Design 2 – 9770** or BTEC: Multimedia Tech – 9825** or Choose 2.0 Pathway Specific#: _____
	<b>Open Choice</b>	Choose 1.0 Credits	Choose 1.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits

Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements

\*\*Can exceed 6 class limit

\*\*\*Level placement based on IEP

\*\*\*\*Level Placement Based on Language Acquisition Level

## Possible Post-Secondary Options

<b>Certificates</b>	<b>Two-Year College</b>	<b>Four-Year College</b>
<ul style="list-style-type: none"> <li>• Website Design</li> <li>• Database Management &amp; Design</li> <li>• IT in Web Design</li> <li>• Webmaster Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Broadband Networking</li> <li>• Communication Technology Fine Arts</li> <li>• Graphic Design &amp; Printing</li> <li>• Commercial Design Illustration</li> <li>• Desktop Support Specialist &amp; Network Administrator</li> <li>• Interior Design</li> <li>• Radio/Video Production &amp; Broadcasting</li> <li>• Telecommunications</li> <li>• Visual Arts</li> <li>• Visual Communications</li> </ul>	<ul style="list-style-type: none"> <li>• Art</li> <li>• Digital Media</li> <li>• Desktop Publishing</li> <li>• Fine Arts</li> <li>• Dance</li> <li>• Drama</li> <li>• English</li> <li>• Journalism</li> <li>• Fashion Merchandising</li> <li>• Graphic Communication and Design</li> <li>• Music</li> <li>• Theatre</li> </ul>

## Enhancement Options

**Clubs & Activities: Band, Newspaper, Yearbook, Speech and Debate Team, Dance Club, Fashion Design Club, Anime Club, Drama Club, Penscapes Writing Club,**

Cluster: Education		Sector: Hospitality, Human Services, & Education			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	MYP Literature 9* - 1135	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	Math (3 credits)	MYP Math 9 - 2180 or MYP Math 10 – 2185	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – 3115 Psychology – 3110 & Sociology - 3120
Elective Areas	World Language (Must enroll 9 <sup>th</sup> grade)	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	Physical Education (2 credits)	Intro to Fitness - 4190 Active PE Class**: Healthy Choices - 4110	Physical Education Elective		
	Fine & Practical Arts (2 credits) <i>Art, BTEC, Business,</i>		F&CS: Child Development - 7640	F&CS: Relationships - 7655	BTEC: Teacher Cadet 1 – 9780**

	<b>Music**, or FCS</b>				
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 1.5 Credits	Choose 1.5 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements					
**Can exceed 6 class limit                      ***Level placement based on IEP                      ****Level Placement Based on Language Acquisition Level					
Cluster: Education	Sector: Hospitality, Human Services, & Education				
<b>Recommended Individual Academic Plan of Study – Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	MYP Literature 9* - 1135	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	MYP Math 9 - 2180 or MYP Math 10 – 2185	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	Psychology – 3110 Sociology – 3120
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		



	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Active PE Class**: Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits)</b> <i>Art, BTEC, Business, Music**, or FCS</i>		F&CS: Child Development - 7640	F&CS: Relationships - 7655	F&CS: Early Childhood Education – 7680
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 1.5 Credits	Choose 1.5 Credits	Choose 2.0 Credits

Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements

\*\*Can exceed 6 class limit

\*\*\*Level placement based on IEP

\*\*\*\*Level Placement Based on Language Acquisition Level

Cluster: Education  
Sector: Hospitality, Human Services, & Education

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• Early Childhood Education (ECE)</li> <li>• Early Intervention/Family Support Assistant</li> <li>• Addiction Counseling</li> <li>• Community Social Services</li> <li>• Gerontology</li> <li>• Human Services</li> <li>• Special Education Certificate</li> </ul>	<ul style="list-style-type: none"> <li>• ECE</li> <li>• Education</li> <li>• Human Services</li> <li>• Addiction Counseling</li> <li>• Psychology</li> <li>• Teacher Preparation Degree</li> <li>• Speech-Language Pathologist Assistant</li> </ul>	<ul style="list-style-type: none"> <li>• Art Education</li> <li>• ECE</li> <li>• Elementary Education</li> <li>• Coaching</li> <li>• Special Education</li> <li>• Secondary Education</li> <li>• Physical Education</li> <li>• Health Education</li> <li>• Music Education</li> <li>• Mathematics Education</li> <li>• Language Education</li> <li>• Psychology</li> <li>• Social Work</li> </ul>

Cluster: <b>Energy</b>		Sector: Agriculture & Natural Resources			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	AP Biology – 5030 or AP Chemistry – 5075 or AP Physics – 5111  Earth Science - 5910
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>				<b>ALTERNATE OPTION</b> BTEC: Pre-Engineering – 9715** (would not take one Science class)

	<b>Open Choice</b>	Choose 0.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits	Choose 2.0 Credits
	Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements				
	**Can exceed 6 class limit Acquisition Level		***Level placement based on IEP	****Level Placement Based on Language	
Cluster: Energy	Sector: Agriculture & Natural Resources				
<b>Recommended Individual Academic Plan of Study – Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	Earth Science - 5910
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		

	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts Art, BTEC, Business, Music**, or FCS</b>			BTEC: Applied Technology 1 - 9705	BTEC: Applied Technology 2 – 9710**
Cluster: Energy	Sector: Agriculture & Natural Resources				

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• Solar PV Systems Technician</li> <li>• Active Solar Thermal Systems Technician</li> <li>• Solar PV Designer</li> <li>• Wind Technician</li> <li>• Energy Efficiency</li> <li>• Energy Auditing</li> <li>• Solar Business Owner</li> <li>• Energy Maintenance Technology</li> <li>• Process Equipment</li> <li>• Process Instrumentation</li> <li>• Process Safety</li> <li>• Process Technology Operations</li> <li>• Process Technology Quality Management</li> <li>• Power Plant Basic Certification</li> </ul>	<ul style="list-style-type: none"> <li>• Solar Thermal</li> <li>• Solar Photovoltaic</li> <li>• Wind Technician</li> <li>• Energy and Facilities Management</li> <li>• Technology</li> <li>• Energy Maintenance Technology</li> <li>• Power Plant Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Engineer</li> <li>• Applied Science</li> <li>• Science of Technical Management</li> <li>• Petroleum Engineer</li> <li>• Mechanical Engineer</li> <li>• Chemistry</li> <li>• Energy Research</li> </ul>

## Enhancement Options

**Clubs & Activities:** MESA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship

Cluster: Finance		Sector: Business & Public Administration			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – 3115 or Psychology – 3110 & Sociology – 3120
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>	Bus: Computer Applications - 7420→	Bus: Introduction to Business- 7330→	Bus: Accounting - 7340→→→→→	Bus: Advanced Accounting – 7345 And Choose 1 Bus: Business Tech – 7410





Cluster: <b>Government &amp; Public Administration</b>		Sector: <b>Business &amp; Public Administration</b>			
<b>Recommended Individual Academic Plan of Study – Academic Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – 3115 or Psychology – 3110 & Sociology – 3120 And Law for Everyone - 3080
<b>Elective Areas</b>	<b>World Language (applied to Arts credit) (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business,</b>	Bus: Computer Applications - 7420	Bus: Introduction to Business- 7330→	Bus: Business Law - 7300	



	<b>Music**, or FCS</b>				
	<b>Open Choice</b>	Choose 1.0 Credits	Choose 2.0 Credits	Choose 1.5 Credits	Choose 2.5 Credits
Cluster: Government & Public Administration	Sector: Business & Public Administration				
<b>Recommended Individual Academic Plan of Study – Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	Psychology – 3110 Sociology – 3120 Law for Everyone - 3080
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		



Cluster: <b>Health Science</b>		Sector: Health Sciences & Public Safety			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	AP Biology – 5030 or AP Chemistry – 5075 or AP Physics - 5111
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – 3115 or Psychology – 3110 & Sociology – 3120
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>			F&CS: Relationships – 7655 <b>ALTERNATE OPTION</b> BTEC – Medical Sciences I – 9824→ (Would not take Science class)	<b>ALTERNATE OPTION</b> BTEC – Medical Sciences II-CNA – 9817 (Would not take Science or PE classes)

	<b>Open Choice</b>	Choose 0.5 Credits	Choose 1.0 Credits	Choose 1.5 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	
Cluster: <b>Health Science</b>			Sector: <b>Health Sciences &amp; Public Safety</b>		
<b>Recommended Individual Academic Plan of Study – Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	Psychology – 3110 Sociology – 3120
	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
<b>Elective Areas</b>	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		

	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>			F&CS: Relationships - 7655	BTEC – Medical Sciences I – 9824**
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 2.0 Credits	Choose 1.5 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	

<b>Cluster: Health Science</b>	<b>Sector: Health Sciences &amp; Public Safety</b>
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## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• Addiction Counseling</li> <li>• Health Science Technology</li> <li>• Gerontology</li> <li>• Massage Therapy</li> <li>• Medical Coding</li> <li>• Phlebotomy</li> <li>• Radiation Therapy</li> </ul>	<ul style="list-style-type: none"> <li>• Nursing</li> <li>• Pre-Health Careers</li> <li>• Dental Assisting or Hygiene</li> <li>• Diagnostic Medical Sonography</li> <li>• EMT or Paramedic</li> <li>• Paramedic Emergency Medicine</li> <li>• Radiation Therapy &amp; Technician</li> <li>• Physical Therapy Assistant</li> <li>• Surgical Technology</li> <li>• Veterinary Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Kinesiology</li> <li>• Physical Therapy</li> <li>• Occupational Therapy</li> <li>• Communications Science &amp; Disorders</li> <li>• Nursing</li> <li>• Medical Laboratory Science</li> <li>• Clinical Hematology &amp; ImmunoHematology</li> <li>• Nutrition</li> <li>• Social Work</li> <li>• Psychology</li> <li>• Pre-Veterinarian</li> <li>• Pre-Med (Physicians)</li> </ul>

## Enhancement Options

**Clubs & Activities:** HOSA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship

Cluster: Hospitality & Tourism		Sector: Hospitality, Human Services, & Education			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Multicultural Lit – 1372 Creative Writing – 1170 Theater Arts – 6354 Speech - 1165
	Math (3 credits)	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – 3115 Psychology – 3110 or Sociology – 3120 or Law for Everyone - 3080
Elective Areas	World Language (applied to Arts credit) (Must enroll 9 <sup>th</sup> grade)	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180		
	Physical Education (2 credits)	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	Fine & Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS	Bus: Computer Applications - 7420	F&CS: Food Skills – 7600 Bus: Introduction to Business-7330 Food/Bev Management** - 7200	F&CS: Catering – 7610 Bus: Marketing - 7210	BTEC: ProStart* * - 9780 Or Bus: Advanced Marketing – 7230
	Open Choice	Choose 1.0 Credits	Choose 1.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits

Cluster: Hospitality & Tourism		Sector: Hospitality, Human Services, & Education			
Recommended Individual Academic Plan of Study – Technical Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	MYP Literature 9* - 1135	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or British Lit/Comp – 1123 or Classical Studies/Comp – 1505 or Modern Lit/Comp - 1230 English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Classical Studies – 1500 or Pick 2 Eng for the College Bound – 1200 or Multicultural Lit – 1372 or Creative Writing – 1170 or Journalism – 1530 English 3*** - 1212 ESL English****
	Math (3 credits)	MYP Math 9 - 2180 or MYP Math 10 – 2185	CMIC 3 - 2260 CMIC 2/3 Block - 2280 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math***	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math***
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	MYP Government* - 3250 MYP Economics* - 3156	World History/Geography - 3190 or History/Geography of the Modern World – 3171 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	Pick 1 from Psychology – 3110 or Sociology – 3120 or Law for Everyone - 3080
Elective Areas	World Language (applied to Arts credit) (Must enroll 9 <sup>th</sup> grade or 10 <sup>th</sup> grade)	MYP Spanish I - 8150 or MYP Spanish II - 8160 or MYP French I - 8250 or MYP French II - 8251			
	Physical Education (2 credits)	Active PE Class**: Healthy Choices - 4110			
	Fine & Practical Arts (2 credits) Art, BTEC, Business, Music**, or Family & Consumer Sciences	Bus: Computer Applications – 7420	F&CS: Food Skills – 7600 Or Bus: Introduction to Business - 7330	F&CS: Catering – 7610 Or Bus: Marketing - 7210	BTEC: ProStart* * - 9780 Or Bus: Marketing Strategies – 7240 Or

			Food/Bev Management** - 7200		Bus: Corporate Academy – 7180
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Cluster: <b>Hospitality &amp; Tourism</b>	Sector: Hospitality, Human Services, & Education
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## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• Baking</li> <li>• Cooking</li> <li>• Culinary Arts</li> <li>• Event/Conference Management</li> <li>• Hospitality Administration</li> <li>• Hotel Administration</li> <li>• Travel &amp; Tourism</li> </ul>	<ul style="list-style-type: none"> <li>• Culinary Arts</li> <li>• Food Services Management</li> <li>• Hotel Administration</li> <li>• Liberal Arts – Tourism</li> <li>• Lodging &amp; Conference Management</li> <li>• Real Estate</li> <li>• Travel &amp; Tourism</li> </ul>	<ul style="list-style-type: none"> <li>• Club Management</li> <li>• Convention &amp; Event Management</li> <li>• Culinary Arts</li> <li>• Destination Management</li> <li>• Food &amp; Beverage Management</li> <li>• Hospitality Administration</li> <li>• Retailing</li> <li>• Sports Management</li> <li>• Sports &amp; Recreation Management</li> <li>• Tourism Planning &amp; Development</li> <li>• Travel Management</li> </ul>

## Enhancement Options

**Clubs & Activities:** FCCLA – Catering, DECA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship



Cluster: <b>Human Services</b>		Sector: <b>Hospitality, Human Services, &amp; Education</b>			
Recommended Individual Academic Plan of Study – <b>Academic Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography – 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – 3115 Sociology - 3120
<b>Elective Areas</b>	<b>World Language (applied to Arts credit) (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180		
	<b>Physical Education (2 credits)</b>	Intro to Fitness – 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>		F&CS: Child Development - 7640→	F&CS: Relationships - 7655→→→→	F&CS: Early Childhood Education - 7680
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 1.5 Credits	Choose 1.5 Credits	Choose 1.5 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements					

Cluster: <b>Human Services</b>		Sector: <b>Hospitality, Human Services, &amp; Education</b>			
Recommended Individual Academic Plan of Study – <b>Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	Psychology – 3110 or Sociology – 3120 or Law for Everyone - 3080
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business,</b>		F&CS: Child Development - 7640→	F&CS: Relationships - 7655→→→→	F&CS: Early Childhood Education – 7680

	<b>Music**, or FCS</b>				
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 1.5 Credits	Choose 1.5 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	

<b>Cluster: Human Services</b>		<b>Sector: Hospitality, Human Services, &amp; Education</b>	
<b>Possible Post-Secondary Options</b>			
<b>Certificates</b>	<b>Two-Year College</b>	<b>Four-Year College</b>	
<ul style="list-style-type: none"> <li>• Early Childhood Education (ECE)</li> <li>• Early Intervention/Family Support Assistant</li> <li>• Addiction Counseling</li> <li>• Community Mental Health</li> <li>• Community Social Services</li> <li>• Gerontology</li> <li>• Human Services</li> <li>• Sign Language</li> </ul>	<ul style="list-style-type: none"> <li>• ECE</li> <li>• Community Service &amp; Leadership</li> <li>• Education</li> <li>• Human Services</li> <li>• Addiction Counseling</li> <li>• Psychology</li> </ul>	<ul style="list-style-type: none"> <li>• Community &amp; Environmental Studies</li> <li>• ECE</li> <li>• Family Studies</li> <li>• Human Development</li> <li>• Psychology</li> <li>• Social Work</li> <li>• Sociology</li> </ul>	
<b>Enhancement Options</b>			
<p><b>Clubs &amp; Activities:</b> FCCLA, Key Club, Outdoor Education Leaders, Speech and Debate, National Honors Society, Diversity Leadership, Knowledge Bowl, Athletics, STUCO, Trojan Connection, School sponsored clubs</p> <p><b>Work Related Experiences:</b> Job Shadowing, Volunteering, Community Service, Internship, Mentorship</p>			

Cluster: <b>Information Technology</b>		Sector: <b>STEM, Arts, Design, &amp; Information Technology</b>			
<b>Recommended Individual Academic Plan of Study – Academic Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	AP Chemistry – 5075 or AP Physics – 5111
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>	Bus : Computer Applications - 7420		Bus: Web Design - 7375 → → → → →	Bus: Advanced Web Design – 7376 Bus: Visual Basic/Computer Programming – 7400 <b>ALTERNATE OPTION</b>



	<b>(2 credits)</b>	Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>	Bus : Computer Applications - 7420		BTEC: Computer Technician – A+ - 9800 or BTEC: Network Technician – Net+ - 9805	BTEC: Computer Technician – A+ - 9800 or BTEC: Network Technician – Net+ - 9805
	<b>Open Choice</b>	Choose 1.0 Credits	Choose 2.0 Credits	Choose 1.0 Credits	Choose 3.0 Credits

Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements

\*\*Can exceed 6 class limit

\*\*\*Level placement based on IEP

\*\*\*\*Level Placement Based on Language Acquisition Level

Cluster: **Information Technology**

Sector: **STEM, Arts, Design & Information Technology**

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• Cisco Networking</li> <li>• Computer Information Systems</li> <li>• Computer Networking</li> <li>• C/UNIX Programming</li> <li>• Information Technology</li> <li>• Microcomputer Technology</li> <li>• MS Windows Programming</li> <li>• PC Networking</li> <li>• UNIX Systems</li> <li>• Web Design</li> <li>• Webmaster Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Forest Information Technology</li> <li>• Geographic Information Systems</li> <li>• Computer Information Systems</li> <li>• Computer Technology</li> <li>• Desktop Support Specialist &amp; Network Administrator</li> <li>• Information Systems Technology</li> <li>• Internet/Web Site Design</li> <li>• Networking</li> <li>• Telecommunications</li> </ul>	<ul style="list-style-type: none"> <li>• Information Systems</li> <li>• Computer Science</li> <li>• Information Technology</li> <li>• Digital Media</li> </ul>

## Enhancement Options

**Clubs & Activities:** MESA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship

Cluster: Law, Public Safety, & Security		Sector: Health Sciences & Public Safety			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Theater Arts - 6354 Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	Math (3 credits)	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338 Psychology – 3110	AP Psychology – 3115 or Psychology – 3110 & Sociology – 3120
Elective Areas	World Language  (Must enroll 9 <sup>th</sup> grade)	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180		
	Physical Education (2 credits)	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	Fine & Practical Arts (2 credits) <i>Art, BTEC, Business, Music**, or FCS</i>			F&CS: Relationships – 7655	BTEC – Medical Sciences II-First Responder**

	<b>Open Choice</b>	Choose 1.5 Credits	Choose 2.0 Credits	Choose 1.0 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements					

Cluster: **Law, Public Safety, & Security**      Sector: **Health Sciences & Public Safety**

**Recommended Individual Academic Plan of Study – Technical Pathway**

	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338 Law for Everyone - 3080	Psychology – 3110 Sociology – 3120
<b>Elective Areas</b>	<b>World Language (applied to Arts credit) (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		



	<b>Fine &amp; Practical Arts (2 credits)</b> <i>Art, BTEC, Business, Music**, or FCS</i>			F&CS: Relationships - 7655	
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 2.0 Credits	Choose 1.0 Credits	Choose 2.0 Credits

<b>Cluster:</b> Law, Public Safety, & Security			<b>Sector:</b> Health Sciences & Public Safety		
<b>Possible Post-Secondary Options</b>					
<b>Certificates</b>		<b>Two-Year College</b>		<b>Four-Year College</b>	
<ul style="list-style-type: none"> <li>• Criminal Justice</li> <li>• Paralegal Studies</li> </ul>		<ul style="list-style-type: none"> <li>• Corrections, Probation &amp; Parole</li> <li>• Criminal Justice</li> <li>• Fire Science</li> <li>• Law Enforcement</li> <li>• Paralegal Studies</li> </ul>		<ul style="list-style-type: none"> <li>• Criminal Justice</li> <li>• Pre-Law</li> </ul>	
<b>Enhancement Options</b>					
<b>Clubs &amp; Activities:</b> STUCO, Speech and Debate, Athletics, Trojan Connection, School sponsored clubs					
<b>Work Related Experiences:</b> Job Shadowing, Volunteering, Community Service, Internship, Mentorship					



Cluster: Management & Administration		Sector: Business & Public Administration			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	Math (3 credits)	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – 3115 Psychology – 3110 or Sociology – 3120 or Law for Everyone - 3080
Elective Areas	World Language (Must enroll 9 <sup>th</sup> grade)	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	Physical Education (2 credits)	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	Fine & Practical Arts (2 credits)	Bus: Computer Applications - 7420	Bus: Introduction to Business - 7330	Bus: Business Law - 7300 Bus: Business Management - 7325	Bus: Business Technology – 7410

	<b>Art, BTEC, Business, Music**, or FCS</b>		Food/Bev Management** - 7200	Bus: Entrepreneurship - 7260	Or Bus: Marketing - 7210
	<b>Open Choice</b>	Choose 1.0 Credits	Choose 1.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	

<b>Cluster: Management &amp; Administration</b>			<b>Sector: Business &amp; Public Administration</b>		
<b>Recommended Individual Academic Plan of Study – Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	Psychology – 3110 or Sociology – 3120 or Law for Everyone - 3080
<b>Elective</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		

	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>	Bus: Computer Applications - 7420	Bus: Introduction to Business - 7330 Food/Bev Management** - 7200	Bus: Business Law - 7300 Bus: Business Management - 7325 Bus: Entrepreneurship - 7260	Bus: Business Technology – 7410 Or Bus: Marketing - 7210
	<b>Open Choice</b>	Choose 1.0 Credits	Choose 1.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements					
		**Can exceed 6 class limit	***Level placement based on IEP	****Level Placement Based on Language Acquisition Level	

<b>Cluster: Management &amp; Administration</b>		<b>Sector: Business &amp; Public Administration</b>			
<b>Possible Post-Secondary Options</b>					
<b>Certificates</b>		<b>Two-Year College</b>		<b>Four-Year College</b>	
<ul style="list-style-type: none"> <li>• Administrative Assistant</li> <li>• Accounting</li> <li>• Human Resource Management</li> <li>• Management</li> </ul>		<ul style="list-style-type: none"> <li>• Accounting</li> <li>• Business Administration</li> <li>• Administrative Assistant</li> <li>• Restaurant Management</li> <li>• Small Business Management</li> <li>• Business Management</li> </ul>		<ul style="list-style-type: none"> <li>• Accounting</li> <li>• Business Management</li> <li>• Business Administration</li> <li>• Advertising &amp; Promotion</li> <li>• Financial Management</li> <li>• International Business Management</li> <li>• Technical Management</li> <li>• Sports Management</li> </ul>	
<b>Enhancement Options</b>					
<b>Clubs &amp; Activities:</b> FBLA, DECA, Athletics, STUCO, Trojan Connection, School sponsored clubs					
<b>Work Related Experiences:</b> Job Shadowing, Volunteering, Community Service, Internship, Mentorship					

Cluster: <b>Manufacturing</b>		Sector: <b>Skilled Trades &amp; Technical Sciences</b>			
<b>Recommended Individual Academic Plan of Study – Academic Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	AP Chemistry – 5075 or AP Physics – 5111
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (applied to Arts credit) (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>				

	<b>Open Choice</b>	Choose 0.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits	Choose 3.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	

<b>Cluster: Manufacturing</b>			<b>Sector: Skilled Trades &amp; Technical Sciences</b>		
<b>Recommended Individual Academic Plan of Study – Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	BTEC: Materials Science - 9814
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
<b>Elective Areas</b>	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		

<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>			BTEC: Welding 1 – 9790** or →→→ BTEC: Applied Technology 1-9705→	BTEC: Welding 2 – 9795** or BTEC: Applied Technology 2 – 9710**
<b>Open Choice</b>	Choose 1.5 Credits	Choose 2.0 Credits	Choose 1.0 Credits	Choose 2.0 Credits

Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements

\*\*Can exceed 6 class limit

\*\*\*Level placement based on IEP

\*\*\*\*Level Placement Based on Language Acquisition Level

Cluster: **Manufacturing**

Sector: **Skilled Trades & Technical Sciences**

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• CAD Technician</li> <li>• CAM Technician</li> <li>• Machine Tool Certificate</li> <li>• Machine Tool Technology</li> <li>• Production &amp; Inventory Control</li> </ul>	<ul style="list-style-type: none"> <li>• CAD/CAM Manufacturing Technology</li> <li>• Electrical Power &amp; Control Technologies</li> <li>• Electrical Systems Installation &amp; Maintenance</li> <li>• Machine Tool Technology</li> <li>• Manufacturing Engineering Technology</li> <li>• Mechanical Engineering Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental Science</li> <li>• Environmental Technology</li> </ul>

## Enhancement Options

**Clubs & Activities:** MESA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship

Cluster: Marketing		Sector: Business & Public Administration			
Recommended Individual Academic Plan of Study – Academic Pathway					
	Subject Area	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Core Content Areas	Language Arts (4 credits)	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 or Multicultural Lit – 1372 or Creative Writing – 1170 or Theater Arts – 6354 Speech - 1165 English 3*** - 1212 ESL English****
	Math (3 credits)	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	Science (3 credits)	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	
	Social Studies (3 credits)	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	AP Psychology – Psychology – 3110 or Sociology – 3120 or Law for Everyone - 3080
Elective Areas	World Language (Must enroll 9 <sup>th</sup> grade)	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	Physical Education (2 credits)	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	Fine & Practical Arts (2 credits)	Bus: Computer Applications - 7420	Bus: Introduction to Business - 7330	Bus: Marketing - 7210	Bus: Advanced Marketing – 7230



	<i>Art, BTEC, Business, Music**, or FCS</i>		Food/Bev Management** - 7200		Or Bus: Marketing Strategies - 7240
	Open Choice	Choose 1.0 Credits	Choose 1.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	
Cluster: Marketing			Sector: Business & Public Administration		
Recommended Individual Academic Plan of Study – Technical Pathway					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202	
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	Psychology – 3110 or Sociology – 3120 or Law for Everyone - 3080
<b>Elective</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		

<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>	Bus: Computer Applications - 7420	Bus: Introduction to Business - 7330 Food/Bev Management** - 7200	Bus: Marketing - 7210	Bus: Marketing Strategies - 7240
<b>Open Choice</b>	Choose 1.0 Credits	Choose 1.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CDHE higher education admission requirements				
**Can exceed 6 class limit                      ***Level placement based on IEP                      ****Level Placement Based on Language Acquisition Level				

<b>Cluster: Marketing</b>	<b>Sector: Business &amp; Public Administration</b>	
<b>Possible Post-Secondary Options</b>		
<b>Certificates</b>	<b>Two-Year College</b>	<b>Four-Year College</b>
<ul style="list-style-type: none"> <li>• Business Management</li> <li>• Direct Marketing</li> <li>• Management</li> <li>• Marketing/Sales</li> </ul>	<ul style="list-style-type: none"> <li>• Business Administration</li> <li>• Business Management</li> <li>• Entrepreneurship</li> <li>• Marketing</li> <li>• Real Estate</li> <li>• Small Business Management</li> </ul>	<ul style="list-style-type: none"> <li>• Advertising</li> <li>• Business Administration</li> <li>• Business Management</li> <li>• Marketing</li> <li>• Public Management</li> <li>• Retailing</li> </ul>
<b>Enhancement Options</b>		
<b>Clubs &amp; Activities:</b> FBLA, DECA, Athletics, STUCO, Trojan Connection, School sponsored clubs		
<b>Work Related Experiences:</b> Job Shadowing, Volunteering, Community Service, Internship, Mentorship		

Cluster: <b>STEM</b>		Sector: <b>STEM, Arts, Design, &amp; Information Technology</b>			
<b>Recommended Individual Academic Plan of Study – Academic Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	AP Chemistry – 5075 or AP Physics – 5111
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (applied to Arts credit) (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>				BTEC: Pre-Engineering – 9715**

	<b>Open Choice</b>	Choose 0.5 Credits	Choose 1.0 Credits	Choose 2.0 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	

<b>Cluster: STEM</b>		<b>Sector: STEM, Arts, Design, &amp; Information Technology</b>			
<b>Recommended Individual Academic Plan of Study – Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or Physics 5100 Environmental Science – 5201/5202 Integrated Science*** - 5010	BTEC: Materials Science - 9814
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		

	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>			BTEC: Applied Technology 1 - 9705	BTEC: Applied Technology 2 – 9710**
	<b>Open Choice</b>	Choose 1.5 Credits	Choose 2.0 Credits	Choose 1.0 Credits	Choose 2.0 Credits
Shaded areas indicate recommended courses – Completing recommended plan of study fulfills CCHE higher education admission requirements					
**Can exceed 6 class limit		***Level placement based on IEP		****Level Placement Based on Language Acquisition Level	

Cluster: **STEM**

Sector: **STEM, Arts, Design & Information Technology**

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"> <li>• CAD Technician</li> <li>• CAM Technician</li> <li>• Machine Tool Certificate</li> <li>• Machine Tool Technology</li> <li>• Production &amp; Inventory Control</li> </ul>	<ul style="list-style-type: none"> <li>• Aeronautical Engineering</li> <li>• Aviation Operations</li> <li>• Computer Science</li> <li>• Computer Engineering Technology</li> <li>• Computer Science Programming</li> <li>• Electronic Engineering Technology</li> <li>• Electronic Mechanical Technology</li> <li>• Engineering Science</li> <li>• Marine Technology</li> <li>• Mechanical Engineering Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Archeology</li> <li>• Physics</li> <li>• Mathematics</li> <li>• Genetics</li> <li>• Geology</li> <li>• Engineering</li> <li>• Zoology</li> <li>• Hydrology</li> <li>• Pre-Veterinary Medicine</li> <li>• Meteorology</li> </ul>

## Enhancement Options

**Clubs & Activities:** MESA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship

Cluster: <b>Transportation, Distribution, &amp; Logistics</b>		Sector: <b>Skilled Trades &amp; Technical Sciences</b>			
<b>Recommended Individual Academic Plan of Study – Academic Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – 1515 Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 – 2260 or CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 or CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	AP Chemistry – 5075 or AP Physics – 5111
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
<b>Elective Areas</b>	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180 or 8181		
	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>		Bus: Introduction to Business - 7330	Bus; Marketing – 7210→→→→→ Bus: Business Law – 7300 and →→ Bus: Business Management - 7325	Bus: Advanced Marketing – 7230 Bus: Marketing Strategies – 7240 Bus: Business Technology - 7410

Cluster: <b>Transportation, Distribution, &amp; Logistics</b>		Sector: <b>Skilled Trades &amp; Technical Sciences</b>			
Recommended Individual Academic Plan of Study – <b>Technical Pathway</b>					
	<b>Subject Area</b>	<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	English 9 - 1900 Voyager English*** - 0136 ESL English****	English 10 Honors - 1335 or English 10 - 1300 English 1*** - 1210 ESL English****	American Lit/Comp – 1485 or English 2*** - 1211 ESL English****	AP Language/Comp – 1131 or AP Literature/Comp – 1133 or Philosophy – 1400 or Literature to Film/Comp – Theater Arts - 6354 Multicultural Lit – 1372 or Creative Writing – 1170 or Speech - 1165 English 3*** - 1212 ESL English****
	<b>Math (3 credits)</b>	CMIC 1/2 Block - 2275 or CMIC 1 - 2250 Voyager Math***	CMIC 3 - 2260 CMIC 2 - 2255 Voyager Math***	CMIC 4 - 2261 CMIC 3 - 2260 Voyager Math*** Business Math with Algebra - 2225	AP Calculus – 2000 or CMIC 4 - 2261 or Math Analysis – 2125 or Discrete Math - 2903 Voyager Math*** Business Math with Algebra - 2225
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	CP Chemistry – 5080 or Chemistry - 5070 Science 4*** - 0533	AP Biology – 5030 or AP Chemistry – 5075 or CP Anatomy & Physiology – 5035 CP Physics 5105 or Physics 5100 or Environmental Science – 5201/5202 Integrated Science*** - 5010	BTEC: Materials Science - 9814
	<b>Social Studies (3 credits)</b>	US History – 3000 Voyager US History*** - 0340	World History/Geography - 3190 Social Studies 4*** - 0333	US Government/ Economics - 3901 Voyager Social Studies 3*** - 0338	
	<b>World Language (Must enroll 9<sup>th</sup> grade)</b>	MYP Spanish I /II MYP French I /II MYP German I/II MYP Spanish for Native Speakers	Spanish I/II/ III French I/II/ III German I/II/ III Spanish for Native Speakers – 8180		
<b>Elective Areas</b>	<b>Physical Education (2 credits)</b>	Intro to Fitness - 4190 Healthy Choices - 4110	Physical Education Elective		
	<b>Fine &amp; Practical Arts (2 credits) Art, BTEC, Business, Music**, or FCS</b>			BTEC: Auto Technology 1 – 9730** BTEC: Power Sports & Equipment Technology**	BTEC: Auto Technology 2 – 9735** o BTEC: Auto Technology 1 – 9730** BTEC: Power Sports & Equipment Technology**

Cluster: **Transportation, Distribution & Logistics**

Sector: **Skilled Trades & Technical Sciences**

## Possible Post-Secondary Options

Certificates	Two-Year College	Four-Year College
<ul style="list-style-type: none"><li>Automotive Technology</li></ul>	<ul style="list-style-type: none"><li>Automotive Technology</li><li>Automotive Technology – Ford</li><li>Automotive Service Management</li><li>Automotive Service Education Program (ASEP)</li><li>Aviation Operations</li><li>Aviation Technology</li><li>Daimler Chrysler Program</li></ul>	<ul style="list-style-type: none"><li>Aviation Flight Operations</li><li>Aviation/Air Traffic Management</li><li>Aviation Management</li></ul>

## Enhancement Options

**Clubs & Activities:** MESA, Athletics, STUCO, Trojan Connection, School sponsored clubs

**Work Related Experiences:** Job Shadowing, Volunteering, Community Service, Internship, Mentorship



Program: IB DIPLOMA PROGRAM			Cluster:		
Recommended Plan of Study					
	<u>Subject Area</u>	<u>9<sup>th</sup> grade</u>	<u>10<sup>th</sup> Grade</u>	<u>11<sup>th</sup> Grade</u>	<u>12<sup>th</sup> Grade</u>
<b>Core Content Areas</b>	<b>Language Arts (4 credits)</b>	MYP Literature 9* - 1135	MYP Literature 10* - 1140	I.B. World Literature I* - 1145	I.B. World Literature II HL* - 1147
	<b>Math (3 credits)</b>	MYP Math 9 - 2180 or MYP Math 10 – 2185	MYP Math 10 - 2185 or I.B. Math Methods I - 2190	I.B. Studies I - 2195 or I.B. Methods I - 2190 or I.B. Methods II - 2210	I.B. Studies II - 2220 or I.B. Methods II - 2210 or A.P. Calculus - 2000
	<b>Science (3 credits)</b>	MYP Integrated Science I* - 5050	MYP Chemistry/Biology* - 5055	I.B. Biology I - 5057 or I.B. Chemistry I - 5085	I.B. Biology II - 5060 or I.B. Chemistry II - 5090
	<b>Social Studies (3 credits)</b>	MYP Economics/Government* - 3250	MYP World History/Geography* - 3255	I.B. History of the Americas I* - 3260	I.B. History of the Americas II HL* 3265
	<b>World Language (applied to Arts credit) (level placement)</b>	MYP Spanish I or II - 8150 or 8160 MYP Spanish for the Native Speaker I or II – 8180 or 8181 MYP French I - 8250 or MYP German I or II - 8350 or 8310	MYP Spanish II - 8160 or I.B. Spanish III - 8165 or MYP Span for Native Spkr II - 8181 MYP French II - 8251 or I.B. French III - 8256	I.B. Spanish III - 8165 or I.B. Spanish IV - 8170 or I.B. French III - 8256 or I.B. French IV - 8257	I.B. Spanish IV - 8170 or I.B. Spanish V - 8175 or I.B. French IV - 8257 or I.B. French V - 8258
<b>Cluster Pathway Areas</b>	<b>PE/Health**** (1 credits)</b>	Active PE Class**:	Active PE Class		
	<b>Fine &amp; Practical Arts**** (1 credits)</b>	Fine/Practical Art***:	Fine/Practical Art***:		

\*\*Active PE Classes: Gymnastics/Aerobics (4350), Recreational Sports (4210), Racket Sports (4200), Weight Training I (4290), Weight Training II (4295), Women's Total Fitness (4331), Individual Sports and Activities (4332), Team Sports (4150)



**Board of Education**

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