Cred Name:			of 2021 and <b>E</b>	Seyond
4 English				
3 Soc St				
4 Math				
3 Science				
<sup>1</sup> / <sub>2</sub> Health				
1/2 <b>PE</b>			or Exemp	otion (No Credit for Ex)
1/2 Freshman Fou	ndations			
<sup>1</sup> / <sub>2</sub> Financial Liter	acy			
<sup>1</sup> / <sub>2</sub> JBLV/J2C				
<sup>1</sup> /4 Service Learni	ng			
6–6.5 Electives				
22.75 Credits				
Art (2 semesters i	in grades 7-	12):		
Graduation Point	ts Met:	Yes	No	

# Arts Professional Major

\_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Language and Composition CP English 12 or KAP English Elective
Math	Junior and Senior Year Math from the Following:         Algebra 2 or CP Algebra 2         Pre-Calculus         CP Algebra 3         AP Calculus         AP Statistics
Science	Junior and Senior Year Science from the Following:         CP Chemistry         AP Chemistry         Physics         AP Physics I         AP Physics II         Anatomy/Physiology
Social Studies	American Government or AP Am Government Two of the Following: Economics Psychology Sociology
Foreign Language	Spanish 1           Spanish 2           Spanish 3
Career and College Exploration	Financial Literacy Journey to College
Fine Arts	4.0 Credits of Visual or Performing Arts:

# Arts Technical Major

\_\_\_\_\_

<ul> <li>English 11, CP English 11 or AP Lang and Comp</li> <li>English 12, CP English 12 or KAP</li> <li>English Elective</li> </ul> Junior and Senior Year Math from the Following: <ul> <li>Algebra 2 or CP Algebra 2</li> <li>Money Math</li> <li>Pre-Calculus</li> <li>CP Algebra 3</li> <li>AP Calculus</li> </ul>
<ul> <li>English Elective</li> <li>Junior and Senior Year Math from the Following: <ul> <li>Algebra 2 or CP Algebra 2</li> <li>Money Math</li> <li>Pre-Calculus</li> <li>CP Algebra 3</li> </ul> </li> </ul>
Junior and Senior Year Math from the Following:         Algebra 2 or CP Algebra 2         Money Math         Pre-Calculus         CP Algebra 3
<ul> <li>Algebra 2 or CP Algebra 2</li> <li>Money Math</li> <li>Pre-Calculus</li> <li>CP Algebra 3</li> </ul>
Money Math Pre-Calculus CP Algebra 3
Pre-Calculus CP Algebra 3
CP Algebra 3
AP Calculus
AP Statistics
Junior or Senior Year Science from the Following:
Environmental Science
CP Chemistry
AP Chemistry
Physics
AP Physics I
AP Physics II
Anatomy/Physiology
American Government or AP Am Government
Two of the Following:
Economics
Psychology
Sociology
Financial Literacy
Journey Beyond LV or Journey to College
4.0 Credits of Visual or Performing Arts:

# **Business & Marketing Professional Major**

\_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Language and Composition CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:         CP Algebra 2         Pre-Calculus         CP Algebra 3         AP Calculus         AP Statistics
Science	Junior and Senior Year Science from the Following:         CP Chemistry         AP Chemistry         Physics         AP Physics I         AP Physics II         Anatomy/Physiology
Social Studies	American Government or AP Am Government Economics
Foreign Language	Spanish 1           Spanish 2           Spanish 3
Career and College Exploration	Financial Literacy Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts:
Electives:	Two of the Following:         Communications         Ag Co-Op         Money Math (cannot be used as a CP math option)         CCP Business Course

# **Business & Marketing Technical Major**

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp English 12, CP English 12 or KAP
Math	One junior and one senior year math:         Algebra 2 or CP Algebra 2         CP Algebra 3         Pre-Calculus         AP Calculus         Money Math         AP Statistics
Science	Junior and Senior Year Science from the Following:         Environmental Science         CP Chemistry         AP Chemistry         Physics         AP Physics I         AP Physics II         Anatomy/Physiology
Social Studies	American Government or AP Am Government
Career and College Exploration	Financial Literacy Journey Beyond LV or Journey to College
Electives:	Two of the following:         Communications         Economics         Money Math (in addition to the four required credits)         Ag Co-Op         CCP Business Course

# **Communications Professional Major**

\_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Language and Composition
	CP English 12 or KAP
	English Elective
Math	Innian and Saniar Vaar Math from the Following
Math	Junior and Senior Year Math from the Following:
	Algebra 2 or CP Algebra 2
	Pre-Calculus
	CP Algebra 3
	AP Calculus
	AP Statistics
Science	Junior and Senior Year Science from the Following:
	CP Chemistry
	AP Chemistry
	Physics
	AP Physics I
	AP Physics II
	Anatomy/Physiology
Social Studies	American Government or AP Am Government
	Two of the following:
	Economics
	Psychology
	Sociology
<b></b>	
Foreign Language	Spanish 1
	Spanish 2
	Spanish 3
Career and College	Financial Literacy
Exploration	Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts:
Electives:	One of the Following:
	Yearbook
	Journalism
	Communications

# **Communications Technical Major**

\_\_\_\_\_

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp
	English 12, CP English 12 or KAP
	English Elective
Math	Junior and Senior Year Math from the Following:
	Algebra 2 or CP Algebra 2 Money Math
	Pre-Calculus
	CP Algebra 3
	AP Calculus
	AP Statistics
Science	Junior and Senior Year Science from the Following:
	Environmental Science
	CP Chemistry
	AP Chemistry Physics
	AP Physics I
	AP Physics II
	An Thysics II Anatomy/Physiology
Social Studies	American Government or AP Am Government
	Two of the Following:
	Economics
	Psychology
	Sociology
Career and College	Financial Literacy
Exploration	Journey Beyond LV or Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts Classes:
Electives:	One of the following:
	Yearbook
	Journalism
	Communications

# Environmental & Agricultural Services Professional Major

\_\_\_\_\_

CP English 11 or AP Language and Comp.
CP English 12 or KAP
Junior and Senior Year Math from the Following:
CP Algebra 2
Pre-Calculus
CP Algebra 3
AP Calculus
AP Statistics
Junior and Senior Year Science from the Following:
Environmental Science
CP Chemistry
AP Chemistry
Physics
AP Physics I
AP Physics II
Anatomy/Physiology
American Government or AP Am Government
Two of the following:
Economics
Psychology
Sociology
Spanish 1
Spanish 2
Spanish 3
Financial Literacy
Journey to College
1.0 Credit of Visual or Performing Arts:
2.5 Credits of Agriculture in junior and senior year:

# Environmental & Agricultural Services Technical Major

\_\_\_\_\_

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp English 12, CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:         Algebra 2 or CP Algebra 2         CP Algebra 3         Pre-Calculus         AP Calculus         AP Statistics         Money Math
Science	Junior or Senior Year Science from the Following:         Environmental Science         CP Chemistry         AP Chemistry         Physics         AP Physics I         AP Physics II         Anatomy/Physiology
Social Studies	American Government or AP Am Government
Career and College Exploration	Financial Literacy Journey Beyond LV or Journey to College
Electives:	<ul> <li>2.5 Credits of Agriculture in junior and senior year:</li> <li>Two of the following:</li> <li>Zoology</li> <li>Forensics</li> <li>Woodworking</li> <li>Woodworking 2</li> <li>Astronomy</li> </ul>

# Health Services Professional Major

\_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Language and Composition
	CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:
	CP Algebra 2
	Pre-Calculus
	CP Algebra 3
	AP Calculus
	AP Statistics
Science	Anatomy/Physiology
	Junior and Senior Year Science from the Following:
	CP Chemistry
	AP Chemistry
	Physics
	AP Physics I
	AP Physics II
Social Studies	American Government or AP Am Government
	Two of the following:
	Psychology
	Sociology
Foreign Language	Spanish 1
	Spanish 2
	Spanish 3
Career and College	Financial Literacy
Exploration	Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts:
Electives:	Two of the following:
	Weight Training, Fem Fit <u>or</u> Adv Fit and Nutrition
	Current Health Events
	Zoology
	Forensics
	Child Development

# Health Services Technical Major

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp English 12, CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:         Algebra 2 or CP Algebra 2         CP Algebra 3         Pre-Calculus         AP Calculus         AP Statistics         Money Math
Science	Junior or Senior Year Science from the Following:         CP Chemistry         Anatomy/Physiology         Environmental Science         Physics
Social Studies	American Government or AP Am Government One of the following: Psychology Sociology
Career and College Exploration	Financial Literacy Journey Beyond LV or Journey to College
Electives:	Two of the following:         Weight Training, Fem Fit or Adv Fit and Nutrition         Current Health Events         Zoology         Forensics         Child Development

# Human Resources/Services Professional Major

\_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Lang and Composition
	CP English 12 or KAP English Elective
Math	Junior and Senior Year Math from the Following:
	Algebra 2 or CP Algebra 2
	Pre-Calculus
	CP Algebra 3 AP Calculus
	AP Statistics
	AI Statistics
Science	Junior and Senior Year Science from the Following:
	CP Chemistry
	AP Chemistry
	Physics
	AP Physics I
	AP Physics II
	Anatomy/Physiology
Social Studies	American Government or AP Am Government
	Psychology
	Sociology
Foreign Language	Spanish 1
	Spanish 2
	Spanish 3
Career and College	Financial Literacy
Exploration	Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts:
Electives:	One of the following:
	Forensic Science
	Child Development
	Contemporary Affairs
	Modern War
	Economics
	Modern World History 2

#### Human Resources/Services Technical Major

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp English 12, CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:         Algebra 2 or CP Algebra 2         CP Algebra 3         Pre-Calculus         AP Calculus         AP Statistics         Money Math
Science	Junior or Senior Year Science from the Following:         Environmental Science         CP Chemistry         Physics         Anatomy/Physiology
Social Studies	American Government or AP Am Government
	One of the following: Psychology Sociology
Career and College Exploration	Financial Literacy Journey Beyond LV or Journey to College
Electives:	Two of the following:         Forensic Science         Child Development         Contemporary Affairs         Modern War         Economics         Modern World History 2

#### Industrial & Engineering Systems Professional Major

Name: \_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Language and Composition
	CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:         CP Algebra II         Pre-Calculus         AP Calculus         Post-Secondary Math         AP Statistics         *Students who have finished AP Calculus and AP Stats must take CCP Math or an AP Science class.
Science	Junior and Senior Year Science from the Following:         CP Chemistry         AP Chemistry         Physics         AP Physics I         AP Physics II         Anatomy/Physiology
Social Studies	American Government or AP Am Government         One of the following:         Economics         Psychology         Sociology
Foreign Language	Spanish 1           Spanish 2           Spanish 3
Career and College	Financial Literacy
Exploration	Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts:
Electives:	Introduction to Engineering CP Engineering 2

\*Capstone is offered by Mr. Sorg and highly recommended for students in the I&E major. It is not a requirement to earn the major.

# Industrial & Engineering Systems Technical Major

Name: \_\_\_\_\_

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp English 12, CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:         Algebra 2 or CP Algebra 2         Money Math         Pre-Calculus         CP Algebra 3         AP Calculus         AP Statistics
Science	Junior or Senior Year Science from the Following:         CP Chemistry*         Physics*         Environmental Science         *Chemistry or Physics if the student meets the pre-req.
Social Studies	American Government or AP Am Government
Career and College Exploration	Financial Literacy Journey Beyond LV or Journey to College
Electives:	Intro to Engineering         Industrial Tech         One of the following:         CP Engineering 2         Woodworking         Ag Science 2

\*Capstone is a course offered by Mr. Sorg and highly recommended for students in the I&E major. It is not a requirement to earn the major.

# Information Technology Professional Major

\_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Lang and Comp
	CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:
	CP Algebra 2
	CP Algebra 3
	Pre-Calculus
	AP Calculus
	AP Statistics
Science	Junior and Senior Year Science from the Following:
	CP Chemistry
	AP Chemistry
	Physics
	AP Physics I
	AP Physics II
	Anatomy/Physiology
Social Studies	American Government or AP Am Government
	One of the following:
	Economics
	Psychology
	Sociology
Foreign Language	Spanish 1
	Spanish 2
	Spanish 3
Career and College	Financial Literacy
Exploration	Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts:
Electives:	Three of the following:
	SWAT
	Intro to Engineering
	CP Engineering 2
	Communications
	Capstone
	AP Computer Science (Counts as two)

# Information Technology Technical Major

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp English 12, CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:         Algebra 2 or CP Algebra 2         Money Math         Pre-Calculus         CP Algebra 3         AP Calculus         AP Statistics
Science	Junior or Senior Year Science from the Following:         CP Chemistry*         Physics*         Environmental Science         *Chemistry or Physics if the student meets the pre-req.
Social Studies	American Government or AP Am Government
Career and College Exploration	Financial Literacy Journey Beyond LV or Journey to College
Electives:	Intro to Engineering         One of the following:         CP Engineering 2         Communications         SWAT         Capstone         AP Computer Science

# **Research Science Professional Major**

\_\_\_\_\_

Subject	Requirements
English	CP English 11 or AP Language and Composition
	CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:
	CP Algebra 2
	CP Algebra 3
	Pre-Calculus
	AP Calculus
	AP Statistics
	CCP Math or AP Science (if AP Calc & Stats is
	completed before senior year)
Science	Five Science Credits Including Three of the Following:
	Environmental Science
	CP Chemistry
	AP Chemistry (1.5)
	Physics
	AP Physics I (1.5)
	AP Physics II (1.5)
	Anatomy/Physiology
	Astronomy (0.5)
	Zoology (0.5)
	Forensics (0.5)
Social Studies	American Government or AP Am Government
Foreign Language	Spanish 1
	Spanish 2
	Spanish 3
Career and College	Financial Literacy
Exploration	Journey to College
Fine Arts	1.0 Credit of Visual or Performing Arts:
Electives:	One of the following:
	1.25 Credit Ag Science
	Current Health Events
	Psychology
	Sociology
	Intro to Engineering
	Adv Fit and Nutrition
	AP Computer Science

#### **Research Science Technical Major**

\_\_\_\_\_

Subject	Requirements
English	English 11, CP English 11 or AP Lang and Comp
	English 12, CP English 12 or KAP
Math	Junior and Senior Year Math from the Following:
	Algebra 2 or CP Algebra 2
	Money Math
	Pre-Calculus
	CP Algebra 3
	AP Calculus
	AP Statistics
Science	Four Credits of Science Including Two of the Following:
	CP Chemistry
	Physics
	Anatomy/Physiology
	Environmental Science
	AP Chemistry (1.5)
	AP Physics I (1.5)
	AP Physics II (1.5)
	Astronomy (0.5)
	Zoology (0.5)
	Forensics (0.5)
Social Studies	American Government or AP Am Government
Career and College	Financial Literacy
Exploration	Journey Beyond LV or Journey to College
Electives:	Two of the following:
	Psychology
	Sociology
	1.25 Credit Ag Science
	Current Health Events
	Intro to Engineering
	Adv Fit and Nutrition
	AP Computer Science

#### **AP Waiver Policy**

Students who encounter scheduling conflicts and are unable to complete their major because of the conflict can only be considered exempt from that particular class if they are enrolled in an AP/KAP course. The waiver would happen during the student's senior year.