



## DESIGN PATHWAY—JUNIOR YEAR SCHEDULING

Student Name: \_\_\_\_\_ ID # \_\_\_\_\_

Compass/Accuplacer Writing Score \_\_\_\_\_

Accuplacer/ALEKS Math Score \_\_\_\_\_

Students must attend from 8:20 AM to 1:55 PM daily. Juniors are not required to take an E/I class and may choose to have late arrival instead. A typical junior schedule will include:

- six courses (these may be semester-long or year-long),
- an optional year-long E/I class during which students may choose to take an elective.

All design pathway juniors are required to take Government, Physics, an English course, a Math course, and Principles of Engineering. Design pathway juniors have room in their schedule for two electives. If you only choose 2 electives, you will have a class during your E/I period. You can use the mock schedule below to help you build your schedule.

Year-Long Elective of Your Choice	
Government of Your Choice	Physics
Principles of Engineering	Math Class of Your Choice
English Class of Your Choice	Elective

\*\*This is a mock schedule and not a guarantee of course sequencing

\*\*\*Please fill in this mock schedule with the courses that you select below



Here you will select your Math, English, Social Studies, and Elective courses

**Math—choose 1**

- Integrated Math 1                       Integrated Math 2
- Integrated Math 3 or  Integrated Math 3 with Computer Programming Applications
- Pre-Calc                                       AP Calc AB
- AP Calc BC
- Math 1148 (College Algebra—must have 46 on ALEKS)
- Math 1149 (College Trig—must have 61 – 75 on ALEKS)
- Math 1150 (College Pre-Calculus – must have a 58 – 60 on the ALEKS)

**English—choose 1**

- English 9                                       English 10                                       English 11
- English 12
- Comp 1 (College Writing—must have a 5 on Accuplacer)
- Comp 2 (College Writing—must have successfully completed Comp 1)
- ENG 2291 (College US Lit—must have successfully completed Comp 1 with a B)

**Social Studies—choose 1**

- American Government
- POLS 1100 (College American Government—must have a 5 on Accuplacer)
- AP Government



**Elective—You may choose 1 or 2 here. If you choose 2, you will have a class during your E/I period.**

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Men's Chorus   | <input type="checkbox"/> Women's Chorus | <input type="checkbox"/> Symphonic Band    |
| <input type="checkbox"/> Wind Symphony  | <input type="checkbox"/> Marching Band  | <input type="checkbox"/> Prelude Orchestra |
| <input type="checkbox"/> Concert Orchestra  | <input type="checkbox"/> Spanish 1      | <input type="checkbox"/> Spanish 2         |
| <input type="checkbox"/> Spanish 3  | <input type="checkbox"/> Spanish 4      | <input type="checkbox"/> French 1          |
| <input type="checkbox"/> French 2   | <input type="checkbox"/> French 3       | <input type="checkbox"/> French 4          |
| <input type="checkbox"/> Chinese 1  | <input type="checkbox"/> Chinese 2      | <input type="checkbox"/> Chinese 3         |
| <input type="checkbox"/> Chinese 4  | <input type="checkbox"/> Chemistry      | <input type="checkbox"/> AP Chemistry      |
| <input type="checkbox"/> Health/Phys Ed   | <input type="checkbox"/> Arabic I       |  |
| <input type="checkbox"/> COTC Principles of Computer Programming/ COTC PC Applications in Business  |   |  |
| <input type="checkbox"/> COTC Operating Systems & Security/ COTC Internet Programming I/ COTC Database/ COTC Net Programming (must have successfully completed Principles of Computer Programming with a C or higher) |   |  |
| <input type="checkbox"/> AP Biology   | <input type="checkbox"/> AP Physics     | <input type="checkbox"/> AP Stats          |
| <input type="checkbox"/> Biology 1111 (College Intro to Biology – must have a 5 on the Accuplacer)  |   |  |



## DESIGN PATHWAY—SENIOR YEAR SCHEDULING

Student Name: \_\_\_\_\_ ID # \_\_\_\_\_

Compass/Accuplacer Writing Score \_\_\_\_\_

Accuplacer/ALEKS Math Score \_\_\_\_\_

Students must attend from 8:20 AM to 1:55 PM daily. Seniors are not required to take an E/I class and may choose to have late arrival instead. A typical senior schedule will include:

- six courses (these may be semester-long or year-long),
- an optional year-long E/I class during which students may choose to take an elective;
- if a student is enrolled in Internship and Capstone, they may leave the building at the end of Block 2.

All design pathway seniors are required to take a Math class, Chemistry, Computer Integrated Manufacturing, and Digital Electronics. **If a design pathway senior has completed all of their pathway courses, they are eligible to take Internship and Capstone. If they have not taken all pathway classes (CAD & POE), they will need to fill Block 3 with another course.** Design pathway seniors have room in their schedule for one elective. If you choose one elective, you will have a class during your E/I period. You can use the mock schedule below to help you build your schedule.

Year-Long Elective of Your Choice	
Digital Electronics	Chemistry
Computer Integrated Manufacturing	Math Class of Your Choice
Internship	Capstone

\*\*This is a mock schedule and not a guarantee of course sequencing

\*\*\*Please fill in this mock schedule with the courses that you select below



Here you will select your Math, English, Social Studies, and Elective courses

**Math—choose 1**

- Integrated Math 1                       Integrated Math 2
- Integrated Math 3 or  Integrated Math 3 with Computer Programming Applications
- Adv. Algebra w/Financial Math                       AP Stats
- Pre-Calc                       AP Calc AB                       AP Calc BC
- Math 1148 (College Algebra—must have 46 on ALEKS)
- Math 1149 (College Trig—must have 61 – 75 on ALEKS)
- Math 1150 (College Pre-Calculus – must have a 58 – 60 on the ALEKS)

**English—you don't need to choose one of these if you have already completed 4 English credits**

- English 9                       English 10                       English 11
- English 12
- Comp 1 (College Writing—must have a 5 on Accuplacer)
- Comp 2 (College Writing—must have successfully completed Comp 1)
- ENG 2291 (College US Lit—must have successfully completed Comp 1 with a B)

**Elective—You may choose 1. If you choose 1 here, you will have a class during your E/I period.**

- Men's Chorus                       Women's Chorus                       Symphonic Band



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- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Wind Symphony     | <input type="checkbox"/> Marching Band | <input type="checkbox"/> Prelude Orchestra |
| <input type="checkbox"/> Concert Orchestra | <input type="checkbox"/> Spanish 1     | <input type="checkbox"/> Spanish 2         |
| <input type="checkbox"/> Spanish 3         | <input type="checkbox"/> Spanish 4     | <input type="checkbox"/> French 1          |
| <input type="checkbox"/> French 2          | <input type="checkbox"/> French 3      | <input type="checkbox"/> French 4          |
| <input type="checkbox"/> Chinese 1         | <input type="checkbox"/> Chinese 2     | <input type="checkbox"/> Chinese 3         |
| <input type="checkbox"/> Chinese 4         | <input type="checkbox"/> Chemistry     | <input type="checkbox"/> AP Chemistry      |
| <input type="checkbox"/> Health/Phys Ed    | <input type="checkbox"/> Arabic I      |  |
- COTC Principles of Computer Programming/COTC PC Applications in Business
- COTC Operating Systems & Security/ COTC Internet Programming I/ COTC Database/ COTC Net Programming (must have successfully completed Principles of Computer Programming with a C or higher)
- COTC Visual Basic I/ COTC Java Programming/ COTC Internet Programming II/ COTC IT Project Management (must have successfully completed all Sophomore and Junior level COTC courses)
- |   |   |
|---|---|
| <input type="checkbox"/> AP Biology               | <input type="checkbox"/> AP Human Geography |
| <input type="checkbox"/> AP Environmental Science | <input type="checkbox"/> AP Physics         |
- Biology 1111 (College Intro to Biology – must have a 5 on the Accuplacer)