

Engineering Pathway Diploma

With your Advisor, check off classes that have been taken to meet requirement. Then, when all requirements under a subject heading have been met, have your Advisor initial on the line next to the subject heading. If a class is being waived, please have the teacher of that class initial on the line before the class.

English (4.0 credits)

- _____ Freshman English (1.0)
- _____ Sophomore English (1.0)
- _____ Junior English or AP English Literature (1.0)
- _____ Senior English, AP English Literature or Senior Composition (1.0)

Social Studies (3.5 credits)

- _____ American Government (.5)
- _____ Global Geography (.5) or AP Human Geography (1.0)
- _____ American History (1.0) or AP American History (1.0)
- _____ World History (1.0) or AP World History (1.0)

Additional credits as needed to earn 3.5 total social studies credits

Math (4.5 credits)

- _____ Geometry or Geometry Honors (1.0)
- _____ Algebra II or Algebra II Honors (1.0)
- _____ College Algebra and College Trigonometry (1.5)
- _____ AP Calculus/Calculus I (1.0)

Science (5.0 credits)

- _____ Freshman Science I (.5)
- _____ Freshman Science II (.5)
- _____ Engineering I (1.0)
- _____ Physics (1.0)
- _____ AP Chemistry (2.0), or AP Physics (1.0) Note: AP Physics strongly recommended.
Engineering II (1.0) or Computer Science (1.0) Note: Recommend both

Career & Technical Education (CTE) (1.0 credit)

- _____ College and Career Prep. (.5)

Additional .5 credit in CTE coursework as decided upon by parent, advisor and student.

Fine Arts (1.0 credit)

- _____ Introduction to Art (.25)

Additional .75 credit in Fine Arts coursework as decided upon by parent, advisor, and student

World Language (2.0 credits of same language)

Students may enroll in a language of their choice.

Students who plan to attend a four-year college should plan to take three years of the same language.

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Wellness (1.0 credit)

_____ The Health and Wellness Experience (.25)

.75 additional credit in a P.E. class (The course catalog indicates if a class fulfills this requirement)

Advising (2.0 credits)

_____ Freshman year (.5)

_____ Sophomore year (.5)

_____ Junior year (.5)

_____ Senior year (.5)

Community Service – 40 hours

Shadowing - All students must complete 3 one-half day shadowing experiences. One experience must be in an *engineering-related* field.

_____ Shadowing #1 (must be in career area)

_____ Shadowing #2

_____ Shadowing #3

Internship – 40 hours in field of Engineering

DATE	NUMBER OF HOURS	LOCATION	ADVISOR SIGNATURE

Pathway Exploration – Additional 40 hours in field of Engineering. This may be completed through additional shadowings, community service or internship.

DATE	NUMBER OF HOURS	TYPE OF EXPERIENCE (Internship, Community Service, or Shadowing)	LOCATION	ADVISOR SIGNATURE

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Senior Project

Senior Project completed

Portfolio

Portfolio completed

Total Credits

Will have earned at least 29 credits by graduation

Request for Pathway Diploma submitted to Student Services – First Semester of Senior year- Date received by

Pathway Requirements (this form) submitted to Student Services – Fourth Quarter of Senior year – Date received by

**Engineering Pathway
Diploma**

Request for Pathway Diploma

Name: _____

Advisor: _____

This is to certify that the above-named student is committed to completing the graduation requirements for the Engineering Pathway and is requesting the corresponding pathway diploma.

Student Signature _____

Date _____

Advisor Signature _____

Date _____

Turned into Student Services on (must be during first semester of senior year).

Received by _____