

Program Pathway – A.S. General Studies, Physics pathway

This map is a term-by-term sample course schedule. Highlighted courses have been identified as "key courses." It is strongly advised that students make every effort to pass these courses on the first attempt with a "C" or higher in order to be successful in this program. The milestones listed below each year are designed to keep you on course to graduate in four years. Missing milestones could prevent you from being eligible for a particular program or could result in a delay in graduation. The Program Pathway serves as a general guideline to help you build a full schedule each term.

| First Year – Fall | | | |
|--------------------------|----------------------------------|----------------|---|
| Course Number | Course Title | Credits | Pre-requisites |
| ENGL 1101 * | English Composition I | 3 | Minimum SAT/ACT/Accuplacer scores |
| MATH 2253 | Calculus & Analytical Geometry I | 4 | MATH 1113 or Minimum SAT/ACT/Accuplacer scores |
| CHEM 1211K | Principles of Chemistry I | 4 | MATH 1111 ('C' or higher) and ENGL 0999 unless exempt |
| COMM 1110 | Fundamentals of Speech | 3 | |
| PRSP 1050 | Perspectives in STEM | 1 | |
| Semester Total | | 15 | |

| First Year – Spring | | | |
|----------------------------|--|----------------|---------------------------|
| Course Number | Course Title | Credits | Pre-requisites |
| ENGL 1102 * | English Composition II | 3 | ENGL 1101 ('C' or higher) |
| MATH 2254 | Calculus & Analytical Geometry II | 4 | MATH 2253 |
| Major Elective | Suggested options: MATH 2256, 2403; CHEM 1212K; CMPS 1301, 1302, 1371; ENGR 2205 | 3 | varies |
| POLS 1101 | United States Government | 3 | ENGL 0999 unless exempt |
| Social Sciences Elective | Subject options: ANTH, ECON, GEOG, HIST, PHIL, POLS, PSYC, SOCI | 3 | varies |
| Semester Total | | 16 | |

| First Year Milestones |
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| <ul style="list-style-type: none"> • Complete ENGL 1101, ENGL 1102 • Complete MATH 1113, MATH 2253, CHEM 1211K • Apply to REPP program • Meet with your advisor • Research engineering programs and choose an area of engineering (civil, mechanical, electrical, etc.) • Prepare to apply for an engineering program one year in advance of enrollment. Know the deadlines and material needed to transfer. Most transfer programs require a 'C' or better in math and science classes. |

| Second Year – Fall | | | |
|---------------------------|--|----------------|---------------------------|
| Course Number | Course Title | Credits | Pre-requisites |
| English Elective | Literature (ENGL 2xxx) | 3 | ENGL 1102 ('C' or higher) |
| MATH 2255 | Calculus & Analytical Geometry III | 4 | MATH 2254 |
| PHYS 2211K | Principles of Physics I | 4 | MATH 2253 |
| Major Elective | Suggested options: MATH 2256, 2403; CHEM 1212K; CMPS 1301, 1302, 1371; ENGR 2205 | 4 | varies |
| Semester Total | | 15 | |

| Second Year – Spring | | | |
|-----------------------------|--|----------------|-------------------------|
| Course Number | Course Title | Credits | Pre-requisites |
| PHYS 2212K | Principles of Physics II | 4 | PHYS 2211K |
| Humanities Elective | Subject options: ENGL, ARTS, HUMN, MUSC, THEA | 3 | varies |
| Social Sciences Elective | Subject options: ANTH, ECON, GEOG, HIST, PHIL, POLS, PSYC, SOCI | 3 | varies |
| HIST 2111 or 2112 | United States History | 3 | ENGL 0999 unless exempt |
| Major Elective | Suggested options: MATH 2256, 2403; CHEM 1212K; CMPS 1301, 1302, 1371; ENGR 2205 | 3 | varies |
| Semester Total | | 16 | |

| Second Year Milestones |
|--|
| <ul style="list-style-type: none"> • Apply to a Bachelor's-level engineering program • Meet with your advisor • Submit Graduation Application to Office of Enrollment Services the semester before you intend to graduate |

Notes:

* denotes grade of 'C' or higher required

The Program Pathway is not a contract, neither expressed or implied, between the student and Dalton State College, but represents a flexible program of the current catalog's curriculum which may be altered at any time to carry out the academic objectives of the College.