

Aeronautics – Pilot Training (10-402-1)

Associate of Applied Science

Effective 2026/2027

The course sequence shown on this sheet is the recommended path to completion. Courses will be scheduled in the terms indicated here. All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan. Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.). More detailed scheduling information for this program can be found at <https://www.gtc.edu/aeronautics>. Please see your academic advisor for additional information.

HZ-D = Horizon Center/days, F=Fall, S=Spring, SU=Summer

| Term | Course Number | Credits | Course Title | Requisites (prereq- before/ coreq-with) | Notes | HZ-D |
|------|---------------|---------|--|--|--|------|
| 1 | 890-155 | 1 | Gateway to Success (G2S) | | <ul style="list-style-type: none"> Students are required to take this course in their first semester of enrollment. Please see an advisor for details. | F+ |
| 1 | *402-129 | 3 | Aviation / Introduction | | <ul style="list-style-type: none"> Faculty have identified this milestone course as providing a strong foundation for success throughout the program. | F |
| 1 | *402-136 | 3 | Aero Science – Aviation Weather | | | F |
| 1 | 801-136 | 3 | English Composition 1 | Prereq: 831-103 OR 851-757 | <ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. | F+ |
| 1 | 809-198 | 3 | Psychology, Introduction to | Prereq: 838-105 OR 851-757 | <ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. | F+ |
| 2 | *402-139 | 3 | Aero Science – Engine/ Structure/ System | | | S |
| 2 | *402-178 | 2 | Private Pilot I | Prereq: Program Admission; 402-129; 402-136; Inst. Consent; Coreq: 402-181 | <ul style="list-style-type: none"> Please see notes on last page | S |
| 2 | *402-181 | 1 | Private Pilot Ground Theory/App I | Prereq: Program Admission; 402-129; 402-136; Inst. Consent; Coreq: 402-178 | | S |
| 2 | 801-198 | 3 | Speech | | | S+ |
| 2 | 804-134 | 3 | Mathematical Reasoning | Prereq: 854-760 | <ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. | S+ |
| 3 | *402-179 | 1 | Private Pilot II | Prereq: Program Admission; 402-178; Inst. Consent; Coreq: 402-182 | <ul style="list-style-type: none"> Please see notes on last page | SU |
| 3 | *402-180 | 1 | Private Pilot III | Prereq: Program Admission; 402-179; Inst. Consent; Coreq: 402-182 | <ul style="list-style-type: none"> Please see notes on last page | SU |
| 3 | *402-182 | 1 | Private Pilot Ground Theory/App II | Prereq: Program Admission; 402-178; 402-181; Inst. Consent | | SU |
| 3 | 809-196 | 3 | Sociology, Introduction to | Prereq: 838-105 OR 851-757 | <ul style="list-style-type: none"> Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details. | SU+ |

(*) Students must achieve a minimum of 2.0 ("C") or above for this major course to meet graduation requirements.

(+) Students may take this course at any one of the three main campuses; Kenosha, Racine, Elkhorn or Online.

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|------|---------------|---------|--|--|---------------------------------|------|
| 4 | *402-135 | 3 | Aero Science – Aerophysics/ Aerodynamics | Prereq: 804-134 OR 804-135; 801-136 | | F |
| 4 | *402-137 | 3 | Aero Science – Instrument | Prereq: Program Admission; 402-129 | | F |
| 4 | *402-184 | 1 | Commercial I Multengine-Intro | Prereq: Program Admission; 402-180; Inst. Consent | • Please see notes on last page | F |
| 4 | *402-185 | 1 | Commercial II Instr. Procedures I | Prereq: Program Admission; Inst. Consent; Coreq: 402-137; 402-184 | • Please see notes on last page | F |
| 4 | *402-186 | 1 | Commercial III Instr. Procedures II | Prereq: Program Admission; 402-185; Inst. Consent; Coreq: 402-137 | • Please see notes on last page | F |
| 4 | *402-196 | 1 | Flight Proficiency I | Prereq: Program Admission; 402-184; Inst. Consent; Coreq: 402-185 | • Please see notes on last page | F |
| 4 | *402-197 | 2 | Flight Proficiency II | Prereq: Program Admission; 402-180; Inst. Consent | • Please see notes on last page | F |
| 5 | *402-123 | 2 | Aircraft Systems – Advanced | Prereq: Program Admission; 402-139 | | S |
| 5 | *402-133 | 3 | Aero Science – Commercial | Prereq: Program Admission; 402-129 | | S |
| 5 | *402-138 | 3 | Aero Science – Aviation Safety | Prereq: Program Admission; 402-137; 402-180 | | S |
| 5 | *402-188 | 1 | Instrument Procedures I | Prereq: Program Admission; 402-137; 186; Inst. Consent; Coreq: 402-190 | • Please see notes on last page | S |
| 5 | *402-189 | 1 | Instrument Procedures II | Prereq: Program Admission; 402-188; Inst. Consent Coreq: 402-190 | • Please see notes on last page | S |
| 5 | 402-190 | 2 | Instrument Theory and Application | Prereq: Program Admission; 402-186; Inst. Consent | | S |
| 6 | *402-120 | 2 | Aero Decision Making | Prereq: Program Admission; 402-173; Inst. Consent; Coreq: 402-138 | | SU |
| 6 | *402-192 | 2 | Commercial IV Cross Country | Prereq: Program Admission; 402-189; Inst. Consent Coreq: 402-193 | • Please see notes on last page | SU |
| 6 | *402-193 | 1 | Commercial V Basic Comm. Manuevers | Prereq: Program Admission; Inst. Consent; Coreq: 402-192 | • Please see notes on last page | SU |
| 6 | *402-194 | 1 | Commercial VI Advanced Comm. Manuevers | Prereq: Program Admission; 402-193; Inst. Consent | • Please see notes on last page | SU |

Minimum Program Total Credits Required: 61

(*) Students must achieve a minimum of 2.0 ("C") or above for this major course to meet graduation requirements.

(+) Students may take this course at any one of the three main campuses; Kenosha, Racine, Elkhorn or Online.

Aeronautics – Pilot Training (10-402-1)

Aeronautics-Pilot Training develops the skills and knowledge, through academic and practical application, necessary for an entry-level career as a professional pilot. Required aircraft training and electives include commercial certificate with single engine, multi-engine, and instrument ratings. Actual certification is dependent upon successful completion of an external assessment by the individual student.

Program Learning Outcomes

Graduates will be able to:

- 1 Maintain compliance with procedures and practices contained in the Federal Aviation Regulations (FAR's), Aeronautical Information Manual (AIM), and other applicable FAA publications.
- 2 Obtain the Federal Aviation Administration (FAA) certification as a Commercial Pilot for single and multi-engine land planes with an instrument rating.
- 3 Demonstrate Single-pilot Resource Management (SRM).
- 4 Act as a professional member of the aviation community.

Essential Career Competencies

Gateway's six essential career competencies are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will develop skills in:

- 1 Communication Competence
- 2 Critical Thinking and Problem Solving
- 3 Professionalism and Career Management
- 4 Teamwork and Collaboration
- 5 Cultural Competence
- 6 Technology Competence

Admission Requirements

- 1 Students must submit an application and pay \$30 fee.
- 2 Students must meet one of the following: minimum cumulative high school GPA of 2.6 (unweighted); earned at least 12 college credits with a minimum GPA of 2.0; or complete valid reading, writing, and math placement assessments.
- 3 This is a high-demand program that utilizes a [priority placement](#) process each semester for enrollment in core program courses. Students admitted into this program progress through three stages pre-core, core-ready and core-active as they work to complete their degree. Students are selected based on application date, completion of academic preparedness requirements and district residency.

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for one year or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult My Gateway for exact fee amounts. The District reserves the right to modify, cancel, or relocate course offerings in response to factors such as low enrollment, resource availability, or other relevant considerations to ensure high-quality educational experiences. Students will be notified in writing and are encouraged to meet with their Academic Advisor to adjust their academic plan.

Graduation Requirements

- 1 Minimum 61 credits with a cumulative GPA of 2.0 or above.
- 2 *Minimum of 2.0 ("C") or above for these major courses.
- 3 Complete 890-155 Gateway to Success (G2S) in the first semester.

For a complete list of Graduation Requirements, check the Student Handbook or [Graduation Requirements](#).

Notes

- 1 Students must maintain a 2.0 GPA in Aviation Core courses (402 courses) to continue with flight training.
- 2 A student supplied tablet computer is required for all flight courses. Please contact the department prior to purchasing a tablet for the minimum specification sheet.
- 3 A valid FAA 2nd class (or higher) medical certificate is required prior to beginning 402-178. All other flight courses require only a 3rd class medical certificate.
- 4 Proof of U.S. Citizenship or TSA approval required prior to beginning any flight course.
- 5 This is a high-demand program that utilizes a [priority placement](#) process each semester for enrollment in core program courses.
- 6 In order to meet the FAA requirements for proficiency, and to successfully complete the course under FAA Part 141, students may need to enroll in a non-degree course to purchase additional flight time.
- 7 All flight courses are offered every semester.
- 8 Fees for external assessments are not included in the course fees and are the responsibility of the student.

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