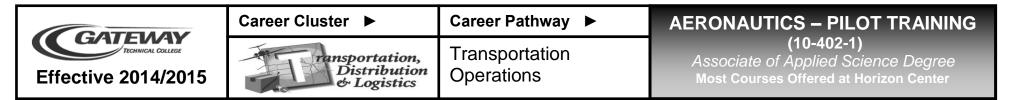
GATEWAY	Career Cluster ►	Career Pathway 🕨	AERONAUTICS – PILOT TRAININ	
	ransportation, Distribution & Logistics	Transportation	(10-402-1) Associate of Applied Science Degree	
Effective 2014/2015		Operations	Most Courses Offered at Horizon Center	

^A Suggested Sequence		Course Number		Course Title	Requisites	Credits	Hrs/Wk Lec - Lab
er 1		402-129	*	Aviation / Introduction		3	0-6
		402-139	*	Aero Science – Engine/ Structure/ System		3	3-0
ste		402-140	*	Flight Private Pilot	Prereq: Inst. Consent Coreq: 402-129	3	0-6
ne		801-136		English Composition 1	Prereq: 831-103 (See Note 1)	3	3-0
Semester		804-113		College Technical Math 1A	Prereq: 834-110 (See Note 1)	3	3-0
8		402-136	*	Aero Science – Aviation Weather		3	3-0
Semester 2		402-137	*	Aero Science – Instrument	Prereq: 402-140	3	0-6
ste		402-171	*	Professional Piloting I	Prereq: 402-140 Coreq: 402-137	2	0-4
ne		801-197		Technical Reporting	Prereq: 801-136	3	3-0
Ser .		801-198		Speech	Prereq: 838-105 (See Note 1)	3	3-0
0)		809-196		Sociology, Introduction to	Prereq: 838-105 (See Note 1)	3	3-0
Semester 3		402-133	*	Aero Science – Commercial	Prereq: 402-140	3	0-6
		402-135	*	Aero Science – Aerophysics/Aerodynamics		3	3-0
ste		402-173	*	Professional Piloting II	Prereq: 402-171	2	0-4
ne		809-195		Economics	Prereq: 838-105 (See Note 1)	3	3-0
Ser		809-198		Psychology, Introduction to	Prereq: 838-105 (See Note 1)	3	3-0
4		402-120	-	Aero Decision Making	Coreq: 402-177; 402-138	2	0-4
P		402-122		Aircraft Systems – Advanced	Prereq: 402-139	3	3-0
şt		402-138	*	Aero Science – Aviation Safety		3	3-0
ne		402-175	*	Professional Piloting III	Prereq: 402-173 Coreq: 402-133	2	0-4
Semester		402-177	*	Professional Piloting IV	Coreq: 402-175	2	0-4
S	Take 6 elective credits. Any associate degree level course may be taken as an elective.				6		
ive	Suggested Electives:						
<u>t</u>	402-166 Aeronautics Skill Development (1 Cr) 402-145 Flight-Certified Flight Instructor (2 Cr)						
Electives				Certified Instructor Instrument (1 Cr)	402-150 Internship-Flight (3 Cr)		
			•	Science Cert Flight Instructor Airplane (2 Cr)			
Minimum Program Total Credits Required						64	

Minimum Program Total Credits Required

 $^{\Delta}$ Courses may be taken out of suggested sequence as long as requisites have been met.



PROGRAM DESCRIPTION

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, and certified flight instructor certificate with single engine, multi-engine, and instrument ratings. Actual licensing is dependent upon successful completion by the individual student.

PROGRAM LEARNING OUTCOMES

Graduates of the Aeronautics-Pilot Training Associate Degree Program should be able to:

- 1. Hold Federal Aviation Administration (FAA) certification as Commercial Pilot for single and multi-engine land airplanes with an instrument rating.
- 2. Have an awareness of safety and possess aeronautical decision making skills for facing planned as well as unplanned in-flight scenarios.
- 3. Have a thorough working knowledge of the Federal Aviation Regulations (FAR's) and appropriate operating practices as contained in the Aeronautical Information Manual (AIM).
- 4. Incorporate effective communication skills in a two pilot crew environment.

CORE ABILITIES

Gateway believes students need both technical knowledge and skills and core abilities in order to succeed in a career and in life. The following nine core abilities are the general attitudes and skills promoted and assessed by all Gateway programs. All Gateway graduates should be able to:

1. Act responsibly

- 6. Respect themselves and others as a
- 2. Communicate clearly and effectively
- 3. Demonstrate essential computer skills 4. Demonstrate essential mathematical
- skills
- 5. Develop job seeking skills

- member of a diverse community
- 7. Think critically and creatively
- 8. Work cooperatively 9. Value learning

ADMISSION REQUIREMENTS

- 1. Students must submit an application & \$30 fee.
- 2. Students must complete reading, writing, math, and computer skills placement assessments.
- 3. Students must submit official high school, GED, or HSED transcript.

GRADUATION REQUIREMENTS

- 1. Minimum 64 credits with an average of 2.0 or above.
- 2. *Average of 2.0 ("C") or above for these major courses.

For a complete list of Graduation Requirements check the Student Handbook. NOTES

- 1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
- 2. Students must maintain a 2.0 GPA in Aviation Core courses (402 courses) to continue with flight training.
- 3. Any course may be taken prior to entry in the program, assuming prerequisites and corequisites have been satisfied (or waived with department approval).
- 4. 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.
- 5. A valid FAA 3rd class (or higher) medical certificate is required prior to beginning any flight course.
- 6. Proof of U.S. Citizenship or TSA approval required prior to beginning any flight course.

OTHER INFORMATION

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult the Master Class Schedule for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.

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To schedule an appointment with an advisor, please call 1-800-247-7122. For a complete list of course descriptions (and possible online courses) for this program, please consult Web Advisor on our web page at www.gtc.edu.

My advisor is ______. My advisor's contact information is ______.