

Agenda for ATEC Academy Winter 2027

ATEC Academy: Professional Development for New Educators

Part I – “Take-off,” Monday, January 11

- 8am: Welcome and Introductions
 - Facilitators
 - Individual Academy Enrollees Ice Breaker
- 9am: Rationale for the Academy
 - Review of Academy Syllabus
 - Log in – Google Class
 - Navigating the Virtual Skies – Our Google Classroom
 - Sign Up for Remind Confirmation
 - Explanation of Assignments and Expectations
 - Explanation of the Part 147 ACS: How it Affects Schools and Industry
- 9:30 am: Break
- 9:45: Pedagogy – The Nuts & Bolts of Teaching
 - Discussion of “What Makes a Good Teacher”
 - Padlet
 - Continuation of “What Makes a Good Teacher” Discussion
 - Creating a Culture of Learning
 - Multiple Intelligence and Engagement
 - Student Learning Preferences
 - Planning Your Semester or Module of Teaching and Learning
- 12:00: Lunch Break
- 1:00: Pedagogy – The Nuts & Bolts of Teaching
 - Lecture/Theory Lesson Planning 101
 - Introduction to Interactive Teaching
 - Designing a Lesson Plan
 - Incorporating Engaging Activities in the Lesson
- 2pm: Break
- 2:15: Pedagogy, Lecture and Lesson Planning for Success
- 4:00: Reflections and Adjourn for the Day

Part I – “Take-off,” Tuesday, January 12

- 8:00: Welcome and Icebreaker
- 8:30: Mentors & Mentees Small Group Discussion
- 9:00: Formative Assessment
 - What is Formative Assessment?
 - Formative Assessment Techniques
 - How & When to Implement Formative Assessment Techniques
- 10:15: Break
- 10:30: Lesson Planning for The Shop/Hangar
 - Transition from Lecture to Shop/Hangar
 - Creating the Plan for Teaching in a Shop/Hangar
- 11:45: Lunch Break
- 12:30: Hands On Activity: Implementing the Shop/Hangar Lesson Plan
- 3:00: Reflections and Reaching Altitude
 - Thoughts and Questions
 - Kahoot
 - Looking Ahead – Surveying the Skies

Adjourn

Part II – “Cruising at Altitude”

Faculty enrolled in the ATEC Academy will return to their home campuses, where they will be expected to build on the knowledge and skills obtained during the ATEC Academy “Take Off” sessions held on January 11 & 12. **Over the next two months, faculty will be required to complete several assignments, attend three full cohort virtual meetings, record themselves teaching a 30 minute lesson, and meet with the ATEC Academy facilitator or assigned mentor for an individual check-in at least one time.** The requirements and potential meeting dates are listed below:

Meeting at Altitude, Full Class

- Monday, January 25, 2027 12pm (EST) – Virtual One-Hour Session – Educational Apps and Technology
- Monday, February 1, 2027, 12pm (EST) – Virtual One-Hour Session – Managing Student Behavior
- Monday, February 22, 2027 12pm (EST) – Virtual One-Hour Session – Developing Shop Project Rubrics

Assignments

- *Classroom Observation Report*
Each enrollee will observe a peer at their respective institution and prepare a one-page report in which the instruction is described and analyzed.
Assignment Due Date: Friday, January 22, 2027
- *Interview Report*
Each enrollee will interview an aviation maintenance instructor who has taught for at least ten years. The enrollee will ask questions related to teaching experiences, student behavior management, assessment and evaluation, communication, student engagement, and general successes and challenges. The enrollee will then develop a two-page report summarizing what they learned from the interview.
Assignment Due Date: Friday, January 29, 2027
- *Shop/Hangar Rubric*
After our third virtual meeting, you will apply what you learned in Module 4 (Rubric Development) to an actual rubric you can use to evaluate student performance. The assignment details can be found in the Module 4 content in our Google Classroom site.
Assignment Due Date: Friday, February 26, 2027

- *Recorded Lesson*

Each enrollee will record a 30-minute lesson and submit the recording *along with the lesson plan used for the lesson.*

Assignment Due Date: Friday, March 5, 2027

- *Monthly Reflections (*due end of January and February, optional)*

Each enrollee will submit a one-page reflection in which they describe their teaching experiences and what they are learning from those experiences. Each attendee will meet with the ATEC Academy Mentor to review one reflection in a virtual meeting.

Part III – “The Safe Landing”

By the end of May, with all assignments completed and assignments submitted and evaluated, ATEC Academy students will become ATEC Academy Graduates!

Surveys

- Take Off Survey: (1.12)
- Virtual Session 1 Survey
- Virtual Session 2 Survey
- Virtual Session 3 Survey
- ATEC Academy Cohort Survey: (3.6)