



## Annual Survey 2021

### 1. Instructions and Program Information

The Aviation Technician Education Council (ATEC) is conducting a survey of aviation technical schools to assess key trends in aviation maintenance education and guide future association activities and priorities. Schools are asked to make one submission per location. For those institutions with multiple campuses, survey response requests were sent to the primary contact at each location.

Please complete all questions, using estimated if actual data is not available. Skip a question only if the requested information is not tracked and estimates are not attainable, since partial submissions could negatively affect aggregate results and therefore may not be included in the survey's final analysis.

Results of this survey will be published in the ATEC Pipeline Report, and participating schools will be listed in the 2021 publication. Specific identifying information regarding programs offered, current enrollment, and graduation dates will also be included in ATEC's online school directory. If you do not wish to have submitted information included in either resource, please submit written notification to [atec@atec-amt.org](mailto:atec@atec-amt.org).

If you have trouble with the online system, please email [atec@atec-amt.org](mailto:atec@atec-amt.org) and we will send you a copy of the survey in a PDF or Microsoft Word format.

The survey is open Jan. 28 - Feb. 15, 2021.

\* 1. What stand-alone technical aviation-related programs does your institution offer? (Check all that apply.)

- Airframe and/or powerplant
- Avionics/aviation electronics
- Unmanned aircraft systems
- Composites
- Welding
- Nondestructive testing
- Sheet metal
- Other (please specify)

\* 2. What credential(s) does your institution offer/facilitate? (Check all that apply.)

- American Society for Nondestructive Testing (ASNT)
- ASTM NCATT Aerospace/Aircraft Assembly (AAA)
- ASTM NCATT Aircraft Electronics Technician (AET) (including any endorsements)
- ASTM NCATT Foreign Object Elimination (FOE)
- ASTM NCATT Unmanned Aircraft Systems (UAS) for Large UAS (over 55 lbs)
- CertTEC Aircraft Electrician Electrical Wiring Interconnection System (AE-EWIS) Practical Skills Certificate
- CertTEC Aircraft Electronics Technician (AET) Practical Skills Certificate
- CertTEC Aircraft Structures Technician - Advanced
- CertTEC Aircraft Structures Technician - Basic
- CertTEC Aviation Mechanical Assembly
- CertTEC Basic Composites
- Electronics Technicians Association-International (ETA-I) Avionics Technician (AVN)
- Federal Communication Systems Ground Radiotelephone Operators License (GROL)
- NC3 Drop Prevention Systems
- NC3 Multimeter
- NC3 Precision Electrical Assembly
- NC3 Precision Electrical Termination
- NC3 Precision Measuring Instruments
- NC3 Structural Sheetmetal Assembly
- NC3 Torque Fundamentals
- The institution does not offer any third-party credentialing
- Other (please specify)

\* 3. What national or regional agency accredits your institution?

- I do not know
- The school and/or program is not accredited
- Accrediting Commission of Career Schools and Colleges (ACCSC)
- Accrediting Council for Continuing Education and Training (ACCET)
- Accrediting Council for Independent Colleges and Schools (ACICS)
- Council of Occupational Education (COE)
- Higher Learning Commission (HLC) (formerly, North Central Association of Colleges and Schools (NCA))
- Middle States Commission on Higher Education
- New England Association of Schools and Colleges Commission on Institutions of Higher Education (NEASC-CIHE)
- New England Association of Schools and Colleges Commission on Technical and Career Institutions (NEASC-CTCI)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools (SACS) Commission on Colleges
- Other, state-based accreditor
- Other (please specify)

\* 4. What percentage increase (or decrease) did you see in overall technical aviation program enrollment going from 2019 to 2020?

-100% 300%

\* 5. What percentage increase (or decrease) did you see in overall technical aviation program enrollment this year (2021) compared to last year (2020)?

-100% 300%

\* 6. What drove the change/non-change in overall technical aviation program enrollment for the 2021 academic year? (Check all that apply.)

- Market demands
- Income potential for graduates
- Cost of tuition
- Recruitment activities (or lack of if enrollment is expected to decline)
- Industry partnership programs
- Faculty new hires (or departures if enrollment is expected to decline)
- COVID-19 concerns and challenges
- Enrollment capacity limits
- Other (please specify)

\* 7. What are the most significant barriers to growing your program(s)? (Check all that apply.)

- Burdensome Federal Aviation Administration regulatory requirements (outdated part 147)
- Burdensome federal or local Department of Education regulatory or accreditation requirements
- Program cost and/or inaccessibility to student financial aid
- Insufficient marketing or lack of effective marketing and/or enrollment management expertise or resources
- Insufficient career and/or program awareness
- Inability to hire and retain faculty
- Insufficient facilities, tools, materials, and/or equipment
- Unavailable or inaccessible local, state and/or federal government funding for the program(s)
- Inability to attract students because of the lack of career prospects
- Inability to attract students because of insufficient income potential in aviation maintenance careers
- Challenges to administer programs given COVID-19 safety protocols and restrictions
- Other (please specify)

\* 8. Does your institution hold a Federal Aviation Administration part 147 aviation maintenance training school certificate?

- Yes
- No
- No, but the school is considering it or already in the application process

If you answered no to question #8, skip to the last page of the survey.



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### 2. AMTS Programs

The following questions are specific to the institution's Federal Aviation Administration (FAA) certificated aviation maintenance technician school (AMTS) program (as provided for in 14 CFR part 147). Questions 9-20 are only accessible to those respondents that answered "yes" to question number 8.

9. What is the institution name on your part 147 certificate?

\* 10. What award(s) and/or degree(s) are offered to AMTS program students? (Check all that apply.)

- High school diploma
- Certificate
- Associate's Degree
- Bachelor's Degree
- Master's or Doctorate Degree

11. How many months does it take a typical AMTS program student to obtain the certificate of completion necessary for FAA mechanic certification with airframe and powerplant ratings? (Schools with only an airframe or a powerplant rating should skip this question.)

0 48

\* 12. How many AMTS students... (Answer in whole numbers.)

are currently enrolled?

graduated from the program in 2019?

initially enrolled with the 2019 graduating class?

that graduated from the program in 2019, obtained their FAA mechanic certificate (with both or either rating)?

graduated from the program in 2020?

initially enrolled with the 2020 graduating class?

that graduated from the program in 2020, obtained their FAA mechanic certificate (with both or either rating)?

are anticipated to graduate in 2021?

\* 13. Of the 2020 AMTS graduates... (Answer in whole numbers.)

how many are veterans?

how many are female?

how many are of African American, American Indian/Alaska Native, Asian and Pacific Islander, or Hispanic origin?

how many are foreign nationals?

what was their average age?

how many were eligible for placement (i.e., they were not continuing education, continuing military service, or a foreign national returning home, etc.)?

\* 14. Of the graduates eligible for placement, how many were employed within 60 days of graduation... (Answer in whole numbers, not percentages.)

in 2019?

in 2020?

\* 15. Of the graduates that were employed within 60 days of graduation, how many were hired by an aviation-related employer... (Answer in whole numbers, not percentages.)

in 2019?

in 2020?

16. Of the 2020 graduates employed by an aviation-related employer within 60 days of graduation, how many were placed in each of the following sectors? (Answer in whole numbers, not percentages.)

Major airlines

Regional airlines

Business aviation

Repair stations

Manufacturers

General aviation

\* 17. What was the beginning average hourly starting pay for a 2020 AMTS program graduate with a mechanic certificate?

\$7    hourly rate    \$35

\* 18. What was the beginning average hourly starting pay for a 2020 AMTS program graduate that did not obtain a mechanic certificate?

\$7    hourly rate    \$35

\* 19. What are the most significant barriers to obtain a mechanic certificate (with both or either rating) for AMTS program graduates? (Check all that apply.)

- Unavailable or inaccessible Designated Mechanic Examiners
- High test costs
- Job offers that do not require a mechanic certificate as a condition of employment
- Lack of preparation/fear of testing
- Other (please specify)

\* 20. What are your institution's scheduled graduation dates for 2021?

Graduation 1

Date

Graduation 2 (if applicable)

Date

Graduation 3 (if applicable)

Date

Graduation 4 (if applicable)

Date

Graduation 5 (if applicable)

Date

Graduation 6 (if applicable)

Date





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### 3. Final Comments

21. Please provide your institution's career services contact information if you would like it included in the ATEC Directory.

**Contact Name**

**Institution**

**Contact Email Address**

22. What are some topics you would like to see covered in the ATEC Journal, online webinars and/or annual events? Any other general comments or feedback?