Annual Survey

1. Instructions and Program Information

The Aviation Technician Education Council (ATEC) is conducting a survey of part 147 schools to assess key trends in aviation maintenance education, gather demographics of the people the entering workforce, support industry recruitment programs and initiatives, 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 that report. Specific identifying information regarding programs offered, current enrollment, graduation expectations and 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.

If you have trouble with the online system, please email atec@atec-amt.org and we will send you a copy of the survey in a Microsoft Word form format.

* 1. What stand-alone, technical aviation-related program(s) does your institution offer? (Check all that apply.)
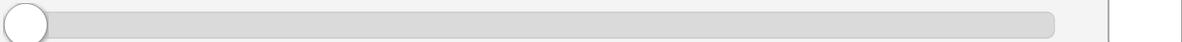
- [ ] Airframe and/or powerplant
- [ ] Avionics/aviation electronics
- [ ] Unmanned aircraft systems
- [ ] Composites
- [ ] Welding
- [ ] Nondestructive testing
- [ ] Sheet metal
- [ ] Other (please specify)

* 2. What third-party credentialing does your institution 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 percentage increase (or decrease) do you expect to see in overall technical aviation program enrollment in the coming year?

-100%   300%

○────────────────────────────────   [   ]

* 4. What drives the predicted change in program enrollment? (Check all that apply.)

☐ Market demands

☐ Projected salary

☐ 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)

☐ Other (please specify)

[_____]

* 5. What are the most significant barriers to growing your program(s)? (Rank 1-8, where 1 is the top concern, or check N/A if the item is not applicable.)

⠿	[↕]	Burdensome Federal Aviation Administration regulatory requirements (outdated part 147)	☐ N/A
⠿	[↕]	Burdensome Department of Education regulatory or accreditation requirements	☐ N/A
⠿	[↕]	Program cost and/or inaccessibility to student financial aid	☐ N/A
⠿	[↕]	Inability to attract students because of insufficient compensation in aviation maintenance careers	☐ N/A
⠿	[↕]	Insufficient career and/or program awareness	☐ N/A
⠿	[↕]	Inability to hire and retain faculty	☐ N/A
⠿	[↕]	Insufficient facilities, tools, materials, and/or equipment	☐ N/A
⠿	[↕]	Unavailable or inaccessible local, state and/or federal government funding for the program(s)	☐ N/A

* 6. What types of industry involvement prove most successful for recruiters (i.e., what best entices a student to seek out a particular employer)? (Check all that apply.)

☐ Internship programs

☐ Apprenticeship programs

☐ Student job opportunities (i.e., employment while enrolled in a technical aviation program)

☐ Tuition reimbursement programs

☐ FAA mechanic testing reimbursement programs

☐ Guaranteed interviews

☐ Mentorship programs

☐ Career fair involvement

☐ Other (please specify)

[   ]

* 7. What national or regional agency accredits your institution?

○ 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

○ I do not know

○ The school and/or program is not accredited

○ 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

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 9-25 are only accessible to those respondents that answered "yes" to question number 8.

* 9. 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

* 10. How many months does it take a typical AMTS program student to obtain the certificate of completion necessary for FAA mechanic certification?

[   ]

* 11. How many AMTS students...

are currently enrolled?

[   ]

graduated from the program in 2018?

[   ]

initially enrolled with the 2018 graduating students?

[   ]

are anticipated to graduate in 2019?

[   ]

are anticipated to graduate in 2020?

[   ]

* 12. Of the 2018 AMTS graduates... (Answer in whole numbers, not percentages.)

how many obtained an FAA mechanic certificate?

[   ]

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.)?

[   ]

* 13. Of the 2018 AMTS program graduates eligible for placement, how many had a job offer upon graduation? (Answer in whole numbers, not percentages.)

0   500

[   ]

* 14. Of the 2018 AMTS program graduates with a job offer upon graduation, how many stayed in the local geographic area? (Answer in whole numbers, not percentages.)

0   500

[   ]

* 15. Of the 2018 AMTS program graduates with a job offer upon graduation, how many took a job outside of aviation? (Answer in whole numbers, not percentages.)

0   500

[   ]

16. Of the 2018 AMTS program graduates with a non-aviation-related job offer upon graduation, how many were placed in each of the following industries? (Answer in whole numbers, not percentages.)

Automotive

Alternative energy

Oil and gas

Theme parks

Rail

17. If not listed in Question 17, in what non-aviation industry were graduates placed?

18. Of the 2018 AMTS program graduates with an aviation-related job offer upon 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

* 19. What was the beginning average hourly starting pay for a 2018 AMTS program graduate with a mechanic certificate?

| $10 | hourly rate | $50 |

* 20. What was the beginning average hourly starting pay for a 2018 AMTS program graduate that did not obtain a mechanic certificate?

$10	hourly rate	$50

* 21. What are the most significant barriers to obtain a mechanic certificate for AMTS program graduates? (Rank 1-4, where 1 is the top concern, or check N/A.)

⋮⋮ [⇕] Unavailable or inaccessible Designated Mechanic Examiners ☐ N/A

⋮⋮ [⇕] High test costs ☐ N/A

⋮⋮ [⇕] Job offers that do not require a mechanic certificate as a condition of employment ☐ N/A

⋮⋮ [⇕] Lack of preparation/fear of testing ☐ N/A

* 22. What are your institution's scheduled graduation dates for 2020?

Graduation 1

MM/DD/YYYY

Graduation 2 (if applicable)

MM/DD/YYYY

Graduation 3 (if applicable)

MM/DD/YYYY

Graduation 4 (if applicable)

MM/DD/YYYY

Graduation 5 (if applicable)

MM/DD/YYYY

Graduation 6 (if applicable)

MM/DD/YYYY

* 23. How many students do you anticipate to graduate on each date?

Graduation 1

[   ]

Graduation 2 (if applicable)

[   ]

Graduation 3 (if applicable)

[   ]

Graduation 4 (if applicable)

[   ]

Graduation 5 (if applicable)

[   ]

Graduation 6 (if applicable)

[   ]

* 24. Does your AMTS have a formalized dual enrollment or partnership program (i.e., concurrent enrollment, automatic transfer of coursework for credit, matriculation agreement, etc.) with a high school? (If you're answering on behalf of a part 147 certificated high school, select yes.)

○ Yes

○ No

○ Unknown

25. What is are the most significant barrier(s) to formalize dual enrollment or partnership programs with high schools? (Check all that apply.)

☐ The Federal Aviation Administration

☐ Accreditors

☐ Funding infrastructure limitations

☐ Lack of support from leadership (at the institution or high school)

☐ We perceive little to no barriers for formalizing dual enrollment or partnership programs with high schools

☐ Other (please specify)

[   ]

3. Final Comments

26. What are some topics you would like to see covered in the ATEC Journal, online webinars and/or annual events?

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

Contact Name

Institution

Contact Email Address

28. Any additional comments, suggestions or feedback?