

ATE SURVEY

2024 HIGHLIGHTS

This summary of activities and achievements of the Advanced Technology Education (ATE) program is based on the 2024 ATE Survey. Principal investigators for 97% of ATE grants ($n=312$, out of a total of 322 active ATE grants) completed the survey. Respondents represented grants supporting 281 projects, 21 centers, 1 conference, and 9 targeted research projects.

110 DEGREE PROGRAMS AND 330 COURSES

were developed by 64 ATE projects.

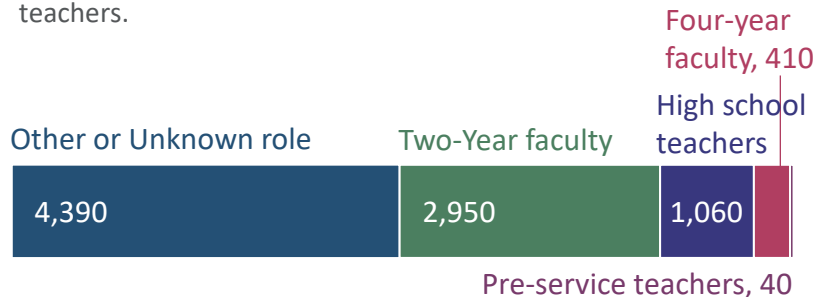
Most (60%) of all academic degree programs developed were certificate programs, and a majority (89%) of courses developed were at the associate degree level.

 **30** associate degree programs served 1,510 students

 **60** certificate programs served 6,520 students

4,460 EDUCATORS

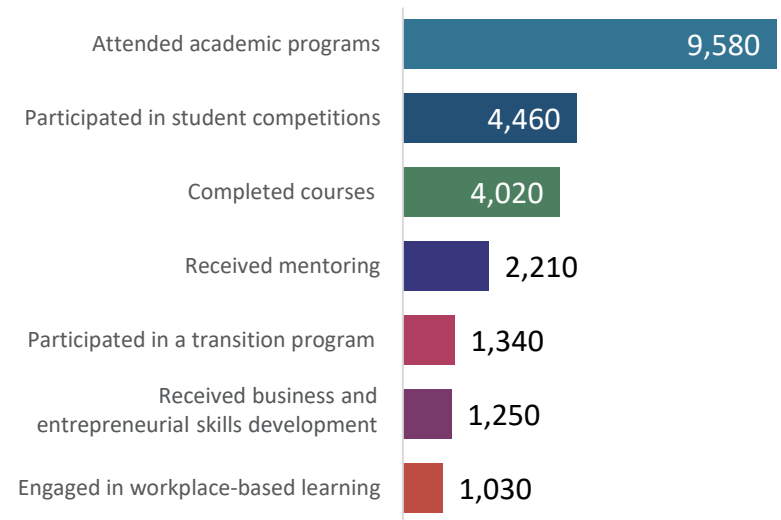
Participated in 650 professional development activities. Over 2,950 educators who received professional development were located at two-year colleges followed by 1,060 high school teachers.



23,890+ STUDENTS

were served by ATE projects.

ATE projects served over 23,890 students through a variety of activities in 2023.* ATE projects served the most students through developing or modifying academic programs, followed by developing business and entrepreneurial skills.



* Due to the structure of the survey questions, the total number of students served may not represent a count of unique students.

ATE SURVEY

2024 HIGHLIGHTS (continued)

5,270 EDUCATIONAL MATERIALS

were developed by 123 ATE projects.

Educational materials developed included assessment activities, modules or instructional units, lessons, lab experiments, curricula, case studies, instructor guides, and textbooks.



1,110

Modules or
instructional units



1,310

Assessment
activities or tests



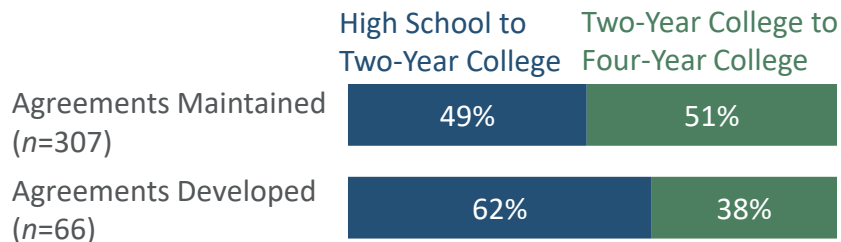
570

Lab
experiments

380 ARTICULATION AGREEMENTS

were developed or maintained by 40 ATE projects.

1,690 students matriculated to a higher-level education institution with the aid of an ATE-supported articulation agreement.

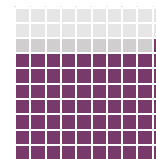


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5,760 COLLABORATORS

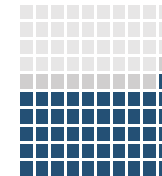
were engaged by ATE projects.

ATE projects most frequently collaborated with business and industry groups and other colleges and universities.



71%

collaborated with
business and
industry groups



54%

collaborated with
other two- and
four-year colleges

OTHER ACTIVITIES

were conducted by ATE projects

in 2023 in support of advanced technological education. ATE projects engaged in a wide range of activities. More information about those listed below and others can be found in the full report.



operated

**10 coordination
networks**



conducted

**50 research
studies**



hosted

10 conferences



developed

200 publications