This summary of activities and achievements of the Advanced Technology Education (ATE) program is based on the 2019 ATE Annual Survey. Principal investigators for 92% (n=279) of ATE grants completed the survey, out of a total of 304 ATE grants. This included 229 projects, 32 centers, 4 conference grants, and 14 targeted research studies. The full report is available at evalu-ate.org/annual_survey.

160 DEGREE PROGRAMS AND 423 COURSES were developed by 99 ATE projects.
The majority of academic degree programs (51%) and courses (90%) developed were at the associate’s degree level.

19,330 EDUCATORS participated in 1,080 professional development activities.
The main audiences for ATE professional development activities were educators at secondary schools and two-year colleges.

50,000+ STUDENTS were served by ATE projects.
ATE projects served over 50,000 students through a variety of activities.¹

<table>
<thead>
<tr>
<th>Activity</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attended academic programs</td>
<td>11,910</td>
</tr>
<tr>
<td>Received mentoring</td>
<td>9,700</td>
</tr>
<tr>
<td>Participated in student competitions</td>
<td>8,570</td>
</tr>
<tr>
<td>Received business and entrepreneurial skills development</td>
<td>7,380</td>
</tr>
<tr>
<td>Engaged in workplace-based learning</td>
<td>7,290</td>
</tr>
<tr>
<td>Enrolled in courses</td>
<td>6,900</td>
</tr>
<tr>
<td>Participated in a transition program</td>
<td>5,000</td>
</tr>
</tbody>
</table>

¹ Due to the structure of the survey questions, student counts cannot be combined because of the high probability of double counting individual students.

At secondary schools: 6,430
At two-year colleges: 8,440
At other: 2,960
At four-year colleges: 490

82 Associate’s degree programs served 6,810 students
64 Certificate programs served 4,870 students
ATE ANNUAL SURVEY
2019 HIGHLIGHTS continued

7,110 EDUCATIONAL MATERIALS
were developed by 126 ATE projects.

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

- 3,310 Assessment activities or tests
- 1,160 Modules or instructional units
- 1,010 Lessons or lesson plans

1,273 ARTICULATION AGREEMENTS
were developed or maintained by 48 ATE projects.

4,000 students matriculated to a higher-level education institution with the aid of an ATE-supported articulation agreement.

- High school to two-year college: 659
- Two-year college to four-year college: 407
- Agreements Developed: 86
- Agreements Maintained: 121

10,000 COLLABORATORS
were engaged by ATE projects.

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

- 74% collaborated with business and industry partners
- 60% collaborated with other two- and four-year colleges

OTHER ACTIVITIES were conducted by ATE projects in 2018 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 3 coordination networks
- Conducted 14 research studies
- Hosted 10 conferences
- Developed 228 publications

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