

ATE Program Impact



The Evaluation Center of Western Michigan reports in its Advanced Technological Education Program 2007 Fact Sheet, which is based on its survey of ATE centers and projects activities during 2006, that

- 31% of ATE students are women; 69% are male.
 - 19% of ATE students are incumbent technicians.
 - 36% of ATE students are ethnic minorities (30% underrepresented minorities, 6% Asians).
 - 73% of ATE grant awardees are two-year colleges or two-year college systems.
 - 96% of ATE grants involve collaborative activities.
- 2,300 collaborations involve business and industry.
 - 2,000 collaborations involve education institutions.
 - 1,000 collaborations involve public agencies, ATE awardees, host institutions, and other entities.
 - In 2006, collaborators donated \$20.5 million in monetary and in-kind support to ATE programs.
 - 43% of ATE grants established 1,480 articulation agreements to move students more effectively either from high schools to community colleges or from community colleges to four-year institutions.
 - 35% of ATE grants involve improvements to courses, laboratories, or work-based experiences in programs that lead to degrees, certificates, or occupational competency points.
 - 31% of ATE grants develop educational materials for national dissemination such as textbooks, laboratory experiments and manuals, software, CD-ROMS, videos, and other courseware.
 - 39% of ATE grants provide 1,400 professional development activities.
 - Of the 28,000 people who participated in the 1,400 ATE professional development activities during 2006, 37% are from associate degree-granting institutions, 35% are from secondary schools, and 22% are from business and industry.

The National Science Foundation reports that in fiscal year 2007, 247 active grants shared \$47.2 million in ATE funding. The president requested \$51 million for the ATE program in fiscal year 2008.

