Nearly 60 percent (58 percent, or 92,937) of about 160,000 science, technology, engineering and mathematics (STEM) certificates and associate degrees awarded in 2016-17 were to white students. Hispanic students comprised the second largest group (17 percent, or 27,258 credentials), followed by blacks/African-Americans (12 percent, or 19,837 credentials) and Asians (7 percent, or 10,631 credentials). Minority students have made some progress over the past decade in these fields, but with mixed results. Between the 2008-09 and 2016-17 academic years, Hispanic students’ share of attaining sub-baccalaureate STEM credentials rose from 13 percent to 17 percent, while the share for black/African-American students decreased from 14 percent to 12 percent. Many community colleges are working to increase diversity among students in STEM fields, including participation in programs such as the National Science Foundation’s Advanced Technological Education program and other initiatives.

For more information, contact Kent Phillippe, associate vice president for research and student success at the American Association of Community Colleges, at 202-416-4505 or kphillippe@aacc.nche.edu, or Rahel Tekle, AACC research associate, at 202-416-4508 or rtekle@aacc.nche.edu.