



Instructional Technology

Technology Education and Certificates FY22

OVERVIEW

Advancing jobs are predicting the year 2030 will hold 85% of jobs that have not yet been invented, according to Forbes. These include creative problem solving, digital marketing, programming, data communicating, cybersecurity, user experience design and artificial intelligence. Students in Idaho have a competitive edge by taking advantage of the opportunity to certify in these fields when it comes to applying for an internship, school, job or having their certification award them college credit.

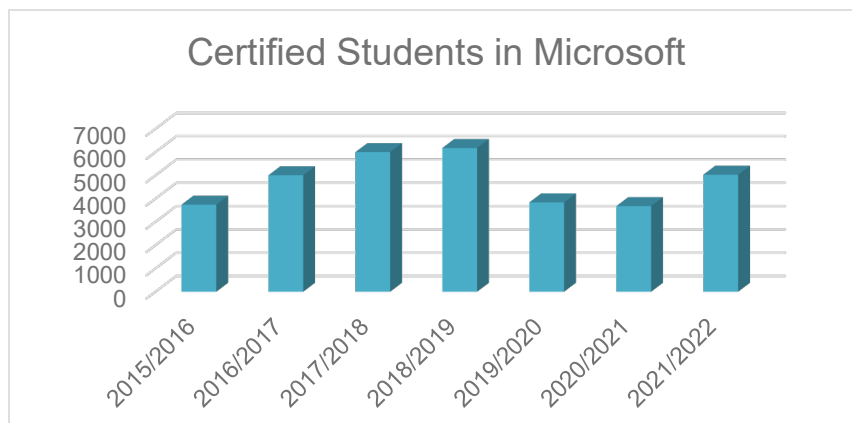
The \$1,300,000 appropriated in FY2022 covers projects that include three or more of the following components:

- (1) Certification of skills and competencies;
- (2) Professional development for teachers;
- (3) Integration with curriculum standards;
- (4) Online access to research-based content and curriculum; or
- (5) Instructional software for classroom use

MICROSOFT IMAGINE ACADEMY- PROGRAM COSTS \$296,403

Idaho is one of the leading states in the country for student certifications across the country per capita.

Table 1- Certified Students in Microsoft

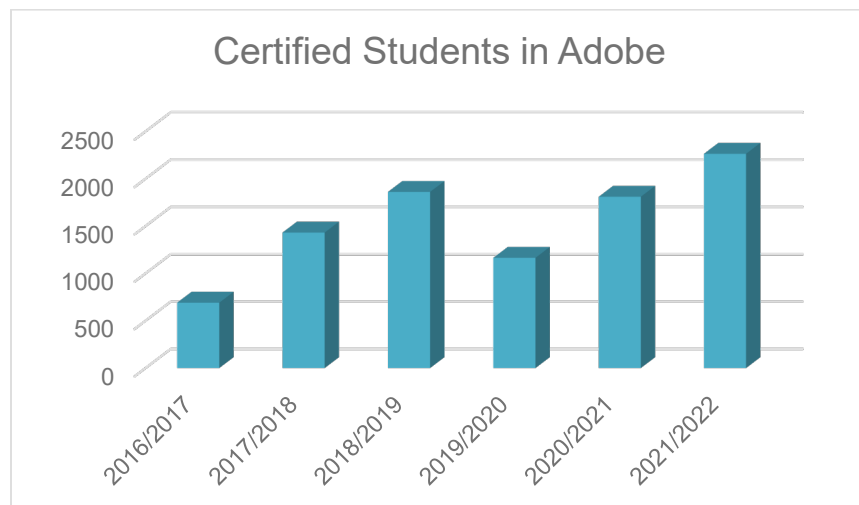




Create Idaho Adobe- Program costs \$1,003,230

While the country saw only 75% of previous certifications, Idaho grew to its highest success to date. Idaho has a hands-on approach with teacher professional development that is unique to states that have followed in Idaho's footsteps.

Table 2- Certified Students in Adobe



NATIONAL/GLOBAL COMPETITIONS

- Microsoft Office Specialist US National Championship
 - 1st place in PowerPoint (Twin Falls High School)
- Microsoft Office Specialist World Championship
 - 2nd place in PowerPoint (Twin Falls High School)
- Business Professionals of America National Leadership Conference
 - 1st place in Computer Security- IT Specialist Network Security (Sandpoint High School)
 - 1st place in Fundamental Desktop Publishing (Sandpoint High School)
 - 1st place in Fundamental Spreadsheet Applications (Parma High School)
 - 2nd place in Server Administration Using Microsoft (Compass Academy)
 - 2nd place in Advanced Accounting (Twin Falls High School)
 - 2nd place in Integrated Office Applications (Glenn's Ferry High School)



Future Priorities

- Digital Literacy certifications (3rd-8th grades)
- JavaScript and Python certifications (6th-9th grades)
- Microsoft Office certifications (6th-12th grades)
- Adobe certifications (6th- 12th grades)

Idaho certified a total of 7,291 students last year and 42,678 since the program's inception. That number would more than fill every seat in the Boise State football stadium.

Forbes-

<https://www.forbes.com/sites/bernardmarr/2022/12/05/the-top-5-in-demand-tech-skills-for-jobs-in-2023/?sh=5486687d826c>