

Advanced Technologies Academy

Clark County School District

2501 Vegas Dr.

Las Vegas, NV 89106

Ph: 702-799-7870 Fax: 702-799-0656

Karen Diamond, Principal

Grade Levels: 9-12

Website: www.atech.org/



2010-2011 School Accountability Summary Report

For more information visit www.nevadareportcard.com

Mission Statement

The mission of Advanced Technologies Academy is to empower a diverse student body to succeed in a competitive world by teaching academic concepts, technological skills, and ethical behavior.

Principal's Highlights

A-Tech is an all-magnet high school that is committed to challenging students through a college-preparatory curriculum and cutting-edge technological training in each of its eight program majors.

- A-Tech has been identified as one of three exceptional Nevada schools eligible for nomination as a Blue Ribbon School.
- The Nevada Childhood Cancer Foundation honored Liberty Leavitt, Magnet Theme Coordinator, as Volunteer of the Year.
- The Presidential Award for Excellence in Mathematics Teaching for Nevada was awarded to A-Tech teacher, Mike Patterson.
- The Nevada Board of Education awarded A-Tech a "Continuing Exemplary" designation for meeting Annual Yearly Progress.
- Nevada High School Proficiency Examination tenth-grade pass rates for math: 98%, reading: 100%; and science: 89%.
- Two A-Tech students were recognized at the first Annual White House Science Fair for their innovations in STEM.
- DECA's chapter won the Sweepstakes Award at state conference, and Geoff DeMaio received the award for Advisor of the Year.
- Magnet Schools of America named A-Tech a Magnet School of Distinction to recognize its continuing commitment to excellence.
- Architectural Design students placed 1-2-3 in the annual National Association of Women in Construction Design Contest.

Goals and Objectives

Goal 1

Advanced Technologies Academy will increase college readiness in the area of academic content knowledge.

Objective(s):

Increased achievement in the content areas of English, mathematics, reading, and science will be measured by a 2% increase from 2009-10 in the mean score on the SAT and ACT in each composite score.

Goal 2

Advanced Technologies Academy will increase college readiness in critical thinking, problem solving, and writing skills.

Objective(s):

Increased achievement in critical reading, mathematics, and writing skills will be measured by a 2% increase in the number of students who score at or above a score of 55 on corresponding sub-tests of the PSAT/NMSQT.

Demographics and Student Information

Data are provided by the Nevada Department of Education from the state student information system. Gender, race/ethnicity, and special student populations are reported as of count day. Student Average Daily Attendance (ADA) is the percentage of school enrollment in attendance on an "average school day" as of the 100th day of school.

| | Enrollment # | | Enrollment % | | Avg Daily Attendance | | |
|--------------------------------|--------------|----------|--------------|----------|----------------------|----------|--------|
| | School | District | School | District | School | District | State |
| Total Students | 1,059 | 309,749 | 100.0 % | 100.0 % | 97.6 % | 94.8 % | 94.6 % |
| Male | 677 | 159,484 | 63.9 % | 51.5 % | * | * | * |
| Female | 382 | 150,265 | 36.1 % | 48.5 % | * | * | * |
| American Indian/Alaskan Native | - | 1,935 | - | 0.6 % | - | 93.8 % | 93.8 % |
| Asian | 227 | 21,976 | 21.4 % | 7.1 % | 98.3 % | 96.8 % | 96.8 % |
| Hispanic | 288 | 130,260 | 27.2 % | 42.1 % | 97.6 % | 94.8 % | 94.8 % |
| Black/African American | 92 | 38,434 | 8.7 % | 12.4 % | 97.8 % | 93.4 % | 93.5 % |
| White | 338 | 98,874 | 31.9 % | 31.9 % | 97.1 % | 94.8 % | 94.8 % |
| Pacific Islander | 26 | 3,859 | 2.5 % | 1.2 % | 97.8 % | 94.9 % | 94.8 % |
| Multi-Race | 84 | 14,411 | 7.9 % | 4.7 % | 98.1 % | 95.0 % | 95.0 % |
| IEP | 21 | 31,561 | 2.0 % | 10.2 % | 98.0 % | 93.1 % | 93.3 % |
| LEP | 40 | 71,247 | 3.8 % | 23.0 % | 99.3 % | 95.4 % | 95.4 % |
| FRL | 295 | 157,290 | 27.9 % | 50.8 % | 97.5 % | 94.4 % | 94.4 % |
| Migrant | N/A | N/A | N/A | N/A | * | * | * |

IEP = Students with Disabilities
LEP = Students with Limited English Proficiency
FRL = Students qualifying for Free/Reduced Lunch

* indicates data not presented for groups fewer than 10.
'N/A' indicates a population of zero.
** indicates data are not available.

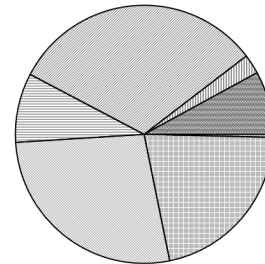
Transiency, Truancy, and Discipline

| | School | District |
|--|--------|----------|
| Transiency Rate | 3.9 % | 30.7 % |
| Habitual Truancy - # of Incidents | 21 | 3,381 |
| Discipline - Incidents Resulting in Suspension/Expulsion for: | | |
| Violence to Other Students | 2 | 5,058 |
| Violence to Staff | 0 | 101 |
| Possession of Weapon | 0 | 390 |
| Distribution of Controlled Substance | 0 | 147 |
| Possession/Use of Controlled Substance | 3 | 1,236 |
| Possession/Use of Alcohol | 0 | 220 |
| Habitual Disciplinary Expulsions | 0 | 19 |

Incidents are reported at the school where the action occurred.
Data reported as of the end of the school year.

Student Ethnicity

Data reported by NDE as of count day.



American Indian/Alaskan Native (0.4%)
Black/African American (8.7%)
White (31.9%)
Asian (21.4%)
Hispanic (27.2%)
Pacific Islander (2.5%)
Multi-Race (7.9%)

Credit Deficiency

| Class of | School # | School % | District # | District % |
|----------|----------|----------|------------|------------|
| 2014 | 0 | 0.0 % | 0 | 0.0 % |
| 2013 | 7 | 1.9 % | 6,869 | 28.8 % |
| 2012 | 1 | 0.4 % | 5,793 | 25.4 % |
| 2011 | 0 | 0.0 % | 4,381 | 21.9 % |

Data as of: Count Day
This table shows the number and percent of students who are expected to graduate in a given year that are credit deficient. Because of the changes in law (NAC 387.659) that affect the way credit deficient students are identified, no data comparison should be made before and after the 2010-2011 school year.

Average Class Size

| Subject Area | School | District |
|----------------|--------|----------|
| English | 24 | 25 |
| Mathematics | 23 | 25 |
| Science | 22 | 27 |
| Social Studies | 20 | 28 |

Average Class Size is listed for all core classes where students rotate to different teachers for different subjects. Data reported as of December 1.

Adequate Yearly Progress (AYP)

High Designation: Continuing Exemplary

Advanced Technologies Academy has been classified as a school which demonstrated Adequate Yearly Progress during the 2010-2011 school year. Classification as demonstrating AYP is due to the school's meeting all No Child Left Behind criteria in the areas of English language arts (ELA), mathematics, and the school-wide other indicator.

Summary of Standards-Based Test Performance

Nevada uses the High School Proficiency Exam (HSPE) to measure student achievement relative to Nevada's academic standards. Data in this table are a compilation of test results for grades represented at this school and may not represent the figures that were used to determine this school's Adequate Yearly Progress. For grade-specific assessment results and other assessment information, refer to the Nevada Report Card Website at www.nevadareportcard.com.

ED = Percentage of students performing in the lowest range of achievement (Emergent/Developing)
 AS = Percentage of students performing in the Approaches Standards range of achievement
 MS = Percentage of students performing in the Meets Standards range of achievement
 ES = Percentage of students performing in the highest range of achievement (Exceeds Standards)

| | Reading | | | | Writing | | | | Mathematics | | | |
|----------|---------|-----|------|------|---------|------|------|-----|-------------|------|------|------|
| | ED | AS | MS | ES | ED | AS | MS | ES | ED | AS | MS | ES |
| State | 1 % | 5 % | 47 % | 47 % | 1 % | 20 % | 76 % | 2 % | 1 % | 26 % | 55 % | 18 % |
| District | 1 % | 5 % | 49 % | 45 % | 1 % | 21 % | 75 % | 2 % | 1 % | 28 % | 53 % | 18 % |
| School | 0 % | 0 % | 10 % | 90 % | 0 % | 3 % | 91 % | 6 % | 0 % | 0 % | 25 % | 75 % |

⊠ indicates data not presented for groups fewer than 10.

'N/A' indicates that data are not available.

As a result of substantive changes to the content and rigor of the 2011 reading assessments, direct comparisons should not be made between 2011 performance and performance in previous years.

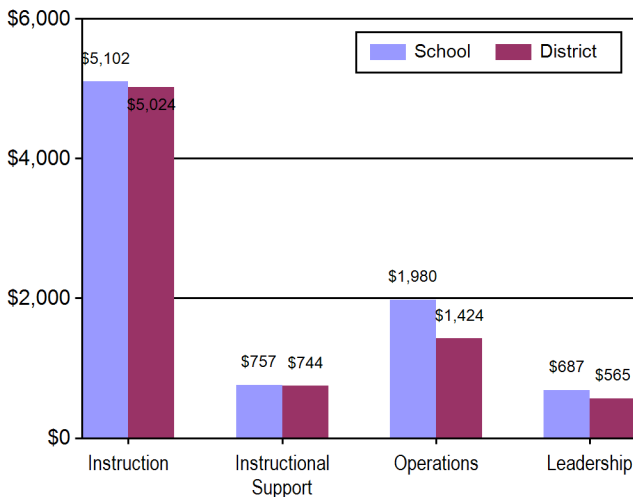
Per-Pupil Expenditures 2009-2010

The Nevada Department of Education in consultation with InSite adjusted the formula used to calculate per pupil expenditures beginning with the 2009-2010 Annual Reports of Accountability. Therefore, we have two appropriate comparisons sets; comparisons 2003-04 SY through 2008-09 SY and comparisons of 2009-10 SY and forward.

A Tech Total Cost Per Pupil = \$8,526.39

District Total Cost Per Pupil = \$7,757.17

Per-Pupil Expenditures By Category



Schools showing only \$0 have not been in operation long enough to have data for 2009-2010.

Personnel Information

Classes Not Taught by Highly Qualified Teachers

| | School % | District % |
|------------------|----------|------------|
| Elementary | N/A | 5.3 % |
| Arts | 0.0 % | 2.4 % |
| English | 0.0 % | 12.0 % |
| Foreign Language | 0.0 % | 4.3 % |
| Mathematics | 0.0 % | 11.4 % |
| Science | 0.0 % | 8.5 % |
| Social Studies | 0.0 % | 7.5 % |

'N/A' indicates that these subjects or grade levels are not present. Data obtained from the Office of Teacher Licensure as of May 2011.

Highly qualified teachers hold a minimum of a bachelor's degree, are licensed to teach in the State of Nevada, and have demonstrated competence in their teaching area.

Teacher ADA and Licensure Information

| | Teacher Average Daily Attendance Rate | Teachers providing instruction: | | |
|----------|---------------------------------------|--|--|---|
| | | Pursuant to NRS 391.125 (Emergency Credential) | Pursuant to waiver with State Approval | Without an endorsement for the subject area |
| State | 95.4 % | 439 | 15 | 43 |
| District | 95.6 % | 431 | 0 | 7 |
| School | 96.6 % | 0 | 0 | 0 |

Teacher Average Daily Attendance (ADA) is the percentage of licensed educators who provided instruction to students in classrooms on an "average school day".

'N/A' indicates that data are not available.

Graduation/Dropout Information: Class of 2010

| | Graduation Rate | | | Dropout Rate | | |
|--------------------------------|-----------------|----------|--------|--------------|----------|-------|
| | School | District | State | School | District | State |
| Total Students | 98.7 % | 68.1 % | 70.3 % | 0.4 % | 4.8 % | 4.2 % |
| Male | 97.7 % | 66.3 % | 68.1 % | 0.6 % | 5.1 % | 4.6 % |
| Female | 100.0 % | 70.0 % | 72.3 % | 0.0 % | 4.3 % | 3.7 % |
| American Indian/Alaskan Native | - | 59.5 % | 64.1 % | 0.0 % | 7.2 % | 4.4 % |
| Asian | 98.0 % | 82.3 % | 81.3 % | 0.0 % | 3.1 % | 3.0 % |
| Hispanic | 100.0 % | 59.8 % | 60.3 % | 0.4 % | 5.5 % | 5.1 % |
| Black/African American | 100.0 % | 57.6 % | 57.6 % | 0.0 % | 6.2 % | 6.1 % |
| White | 97.6 % | 76.4 % | 78.4 % | 0.7 % | 3.8 % | 3.2 % |
| Pacific Islander | N/A | N/A | N/A | N/A | N/A | N/A |
| Multi-Race | N/A | N/A | N/A | N/A | N/A | N/A |

'-' indicates data not presented for groups fewer than 10 for graduation rate.

'N/A' indicates sufficient data are not available.

High School Completion Indicators: Class of 2010

| | Standard Diploma | | Advanced Diploma | | Adult Diploma* | | Adjusted Diploma | | Cert. of Attendance+ | |
|----------|------------------|--------|------------------|--------|----------------|-------|------------------|-------|----------------------|-------|
| | # | % | # | % | # | % | # | % | # | % |
| State | 16,979 | 72.3 % | 3,922 | 16.7 % | 84 | 0.4 % | 1,221 | 5.2 % | 1,287 | 5.5 % |
| District | 13,101 | 80.6 % | 1,327 | 8.2 % | 1 | 0.0 % | 815 | 5.0 % | 1,003 | 6.2 % |
| School | 203 | 92.3 % | 17 | 7.7 % | N/A | N/A | N/A | N/A | N/A | N/A |

'N/A' indicates that no diplomas or certificates of this type were issued.

* Adult diplomas issued to 12th grade students enrolled in a program of alternative education are included in these figures.

+ Certificates of Attendance are given to students who did not receive a diploma only because they did not pass the Nevada High School Proficiency Exam.

Nevada System of Higher Education (NSHE): Fall 2010

Students enrolled in remedial courses within the Nevada System of Higher Education (NSHE) do not reflect all graduates. Some graduates do not attend college or they attend college out of state.

| | # Enrolled | # Remediated | % Remediated |
|----------|------------|--------------|--------------|
| District | 5,629 | 1,467 | 26.1 % |
| School | 113 | 16 | 14.2 % |

Parent/Community Involvement

The A-Tech website, www.attech.org, provides parents and students access to staff information, activities calendar, course catalog, student/parent handbook, lottery information, directory information, and daily school and district announcements as well as individual teacher web pages with grades, assignments, and resources. Students and parents can e-mail teachers through InterAct, and live video announcements are broadcast into each classroom. ParentLink is updated daily with current grades, and it calls students' home phone numbers on all absences, important dates, and activities. Parents are invited to a fall Open House, two evening Community Information Nights, Counselors' College Night and to participate on the Parent Advisory Committee and various school committees. Student Ambassadors visit all CCSD eighth-grade schools each year through February to recruit for A-Tech. Parent newsletters and student newspapers are published electronically. Partnerships with companies provide advisory committees, internships, career fairs, and job shadowing experiences and bring community members to A-Tech.

Note: District totals do not include state or district sponsored charter school data.

The development of this annual school accountability report is a joint effort among the Nevada Department of Education, Otis Educational Systems, Inc., and Nevada school districts. This report is provided to the public as required by the federal No Child Left Behind Act and NRS 385.347. A comprehensive listing of all accountability data, including student test data, may be accessed on the Nevada Annual Reports of Accountability website at www.nevadareportcard.com.