

Advanced Technologies Academy

Clark County School District

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Grade Levels: 9-12
Website: www.atech.org/



2004-2005 School Accountability Report

Mission Statement

The mission of Advanced Technologies Academy (A-TECH) is to empower a diverse student body by teaching academic concepts and technological skills and by instilling in students the importance of effective, responsible application of their knowledge to succeed in a highly competitive, technologically changing world.

Principal's Highlights

A-TECH is a stand-alone magnet school with seven program majors and a college prep curriculum.

- Students scored a grade of 3, 4, or 5 on 81.7% of AP exams completed.
- Senior and junior A-TECH engineering students completed UNLV semester engineering courses through video conferencing.
- Class of 2006 earned A-TECH "Exemplary High School" designation by Nevada State Board of Education.
- Fifty-four seniors earned Tech Prep credit through Community College of Southern Nevada.
- Sophomores scored above national average on PSAT by 6 points in Verbal, 8.4 points in Math, and 5.3 points in Writing.
- Students completing the SAT I exam scored 34 points above the national average in Verbal and 31 points in Math.
- 80% of seniors qualified for the Nevada Millennium scholarship.
- 100% of seniors passed the Nevada High School Proficiency Exams in math, reading, and writing.
- A-TECH was named one of 60 finalists out of 3,300 applicants in the Intel and Scholastic Schools of Distinction Award.

Goals and Objectives

Goal 1

All non-proficient students in the Class of 2005 will pass the NHSPE in mathematics during the 2004-2005 academic year.

Objective(s):

Seniors identified as non-proficient in mathematics will achieve proficiency as measured by the Nevada High School Proficiency Examination by the spring of 2005.

Goal 2

The percent of non-proficient math students in the Class of 2006 will be reduced by at least 50%.

Objective(s):

At least 50% of the Class of 2006 who have been identified as non-proficient in math will achieve proficiency as measured by the Nevada High School Proficiency Examination by the spring of 2005.

For more information visit www.nevadareportcard.com

Demographics and Student Information

Demographic profiles are reported by gender, race/ethnicity, and special student populations, as of December 1, 2004. Student Average Daily Attendance (ADA) is the percentage of the school enrollment in attendance on an "average school day" as of the 100th day of school.

	Enrollment Number		Enrollment %		Avg Daily Attendance		
	School	District	School	District	School	District	State
Total Students	1,002	280,840	100.0 %	100.0 %	97.5 %	94.3 %	94.5 %
Male	596	144,392	59.5 %	51.4 %	*	*	*
Female	406	136,448	40.5 %	48.6 %	*	*	*
American Indian/Alaskan Native	4	2,312	0.4 %	0.8 %	97.3 %	92.6 %	93.1 %
Asian/Pacific Islander	184	23,038	18.4 %	8.2 %	98.5 %	96.1 %	96.2 %
Hispanic	195	99,368	19.5 %	35.4 %	97.3 %	93.8 %	94.1 %
Black/African American	114	40,325	11.4 %	14.4 %	97.4 %	93.0 %	93.1 %
White	505	115,797	50.4 %	41.2 %	97.3 %	94.5 %	94.7 %
IEP	17	30,408	1.7 %	10.8 %	97.3 %	92.5 %	93.0 %
LEP	21	59,092	2.1 %	21.0 %	98.5 %	94.7 %	94.9 %
FRL	149	124,678	14.9 %	44.4 %	97.3 %	94.2 %	94.3 %
Migrant	-	24	-	0.0 %	*	*	*

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 that this population was not represented.
 '**' indicates data are not available.

Transiency, Truancy, and Discipline

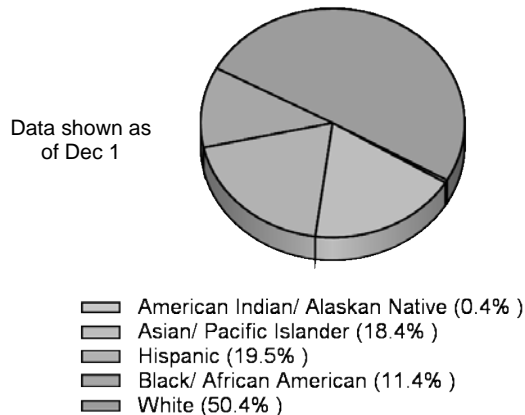
	School	District
Transiency Rate	3.0 %	37.0 %
Habitual Truancy - # of Incidents	0	1,016
Discipline - # of Incidents Resulting in Suspension/Expulsion for:		
Violence to Other Students	3	9,687
Violence to Staff	0	302
Possession of Weapon	0	1,084
Distribution of Controlled Substance	0	156
Possession/Use of Controlled Substance	0	1,009
Possession/Use of Alcohol	0	321
Habitual Disciplinary Expulsions	0	16

Incidents are reported at the school where the action occurred.

Credit Deficiency

Grade	School #	School %	District #	District %
9	0	0.0 %	2,668	10.3 %
10	0	0.0 %	1,703	8.3 %
11	0	0.0 %	121	0.8 %
12	0	0.0 %	624	4.5 %

Student Ethnicity



Average Class Size

Subject Area	School	District
English	19	23
Mathematics	19	24
Science	20	27
Social Studies	19	26

Adequate Yearly Progress (AYP)

High Classification: Made Adequate Yearly Progress

Designation: High Achieving - Status

Advanced Technologies Academy has been classified as a school which demonstrated Adequate Yearly Progress during the 2004-2005 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 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	5 %	12 %	42 %	40 %	1 %	8 %	79 %	12 %	10 %	26 %	50 %	13 %
District	5 %	13 %	46 %	36 %	1 %	8 %	80 %	11 %	10 %	29 %	48 %	12 %
School	0 %	0 %	22 %	78 %	0 %	0 %	69 %	31 %	0 %	2 %	54 %	44 %

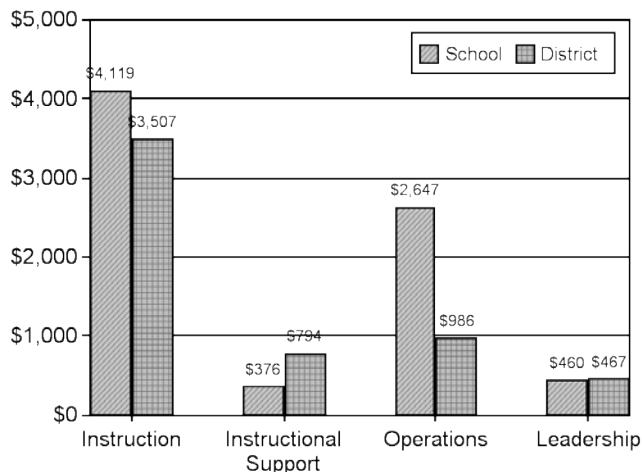
'-' indicates data not presented for groups fewer than 10.
 'N/A' indicates that this population was not represented.

Per-Pupil Expenditures 2003-04

Beginning in 2002-2003 total per pupil expenditures for all Nevada school districts and their schools have been calculated by In\$ite, which results in comparable financial information over time and across the state. Financial data are reported for the year prior to the school year just completed.

A-tech Total Cost Per Pupil = \$7,601.49
 District Total Cost Per Pupil = \$5,753.94

Per-Pupil Expenditures By Category



Personnel Information

Classes Not Taught by Highly Qualified Teachers

	School	District
	Percent	Percent
Elementary	N/A	34.9 %
Arts	40.0 %	27.6 %
English	17.0 %	44.8 %
Foreign Language	39.1 %	36.2 %
Mathematics	0.0 %	47.2 %
Science	10.9 %	51.4 %
Social Studies	13.0 %	39.5 %

'N/A' indicates that this population was not represented. Data obtained from the Office of Teacher Licensure as of October 1, 2004.

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	96.0 %	0	128	0
District	95.9 %	0	71	0
School	95.7 %	0	1	0

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

Graduation / Dropout Information: Class of 2004

	Graduation Rate			Dropout Rate		
	School	District	State	School	District	State
Total Students	95.8 %	62.7 %	67.0 %	1.7 %	7.2 %	5.8 %
Male	93.6 %	59.5 %	64.2 %	2.1 %	8.0 %	6.4 %
Female	100.0 %	65.9 %	69.7 %	1.2 %	6.4 %	5.2 %
American Indian/Alaskan Native	-	51.7 %	58.2 %	0.0 %	11.9 %	7.4 %
Asian/Pacific Islander	100.0 %	71.8 %	73.4 %	0.0 %	5.4 %	4.9 %
Hispanic	100.0 %	50.4 %	52.6 %	0.5 %	9.6 %	8.2 %
Black/African American	100.0 %	50.0 %	50.5 %	0.0 %	7.7 %	7.4 %
White	93.3 %	70.8 %	74.7 %	3.0 %	6.0 %	4.5 %

- indicates data not presented for groups fewer than 10.

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

** indicates data are not available.

The graduation rate reported in the 2003-2004 Annual Report of Accountability may have been artificially elevated because of the phase-in of accurate matriculation at the high school level.

High School Completion Indicators (Class of 2004)	Standard Diploma		Advanced Diploma		Adult Diploma*		Adjusted Diploma		Cert. of Attendance+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
State	10,931	63.1 %	4,042	23.3 %	192	1.1 %	1,195	6.9 %	951	5.5 %
District	7,750	68.2 %	1,987	17.5 %	121	1.1 %	753	6.6 %	760	6.7 %
School	114	70.8 %	47	29.2 %	0	0.0 %	0	0.0 %	0	0.0 %

'N/A' indicates that there were no diplomas 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 2004)

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 attend college out of state.

Nevada System of Higher Education (NSHE)			
	# Enrolled	# Remediated	% Remediated
District	3,991	1,590	39.8 %
School	88	23	26.1 %

Parent/Community Involvement

The A-TECH webpage (www.atech.org) provides parents and students 24/7 access to A-TECH information including the A-TECH calendar, registration guide, magnet information, directory information, and individual teacher webpages with grades, assignments, and resources. Through Interact, students and parents may communicate with teachers by e-mail. Parents are invited to a fall Open House at A-TECH and to participate in the Parent Advisory Committee meetings held eight times a year with a morning and evening meeting on each day to better meet schedules of parents. Six times a year the A-TECH newsletter is mailed to the home of each student with information on program majors, student success, academics, and future events. Partnerships with companies including internships, career fair, guest speakers and job shadowing brings community members to A-TECH and A-TECH students to businesses where they experience how classroom learning relates to skills and knowledge in business.

The development of this annual school accountability report is a joint effort between 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. A comprehensive listing of all accountability data, including student test data, may be accessed on the Nevada Annual Reports of Accountability website at <http://www.nevadareportcard.com>.