Advanced Technologies Academy

Clark County School District

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Grade Levels: 9-12
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2011-2012 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 a magnet Blue Ribbon (2003/2011) CTA committed to challenging students through a college-preparatory curriculum and cutting-edge technological training in each of its eight programs.

- U.S. Dept. of Education named A-TECH a Blue Ribbon High School, one of only 71 public, private, and parochial Blue Ribbon High Schools in the US.
- Magnet Schools of America, the National Association of Magnet and Theme-Based Schools, named A-TECH a Magnet School of Distinction.
- The Nat'l. Assoc. of Women in Construction named A-TECH's architectural design students to first, second, and third place in its annual competition.
- The Science Bowl team was undefeated in the Regional Science Bowl and will compete in Washington, DC for the National Science Bowl title.
- The A-TECH chess team was undefeated for the season and were the Clark County chess champions for 2012.
- A-TECH world history teacher, Joyce O'Day, and a senior student were selected to participate in the National History Day Seminar in Normandy, France.
- A-TECH senior Daniel Waqar was selected to participate in the United States Senate Youth Program in Washington, DC.
- A-TECH junior Katelyn Lieberman created the winning logo for the Third Annual Career & Technical Education Conference in Las Vegas.
- The National Merit Scholarship Program selected three finalists from A-TECH to compete for scholarships worth more than $34 million.

Goals and Objectives

Goal 1

To increase college readiness in the area of academic content knowledge

Objective(s):

Increased achievement in the content areas of English, mathematics, reading, and science as measured by a 2% increase in the mean score on the ACT in each sub-test and composite score from the 2010-2011 test administration.

Goal 2

To increase college readiness in the area of academic skills - specifically 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 the corresponding sub-tests on 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	1,086	308,237	100.0 %	100.0 %	97.8 %	95.1 %	94.9 %
Male	688	158,571	63.4 %	51.4 %	*	*	*
Female	398	149,666	36.6 %	48.6 %	*	*	*
American Indian/Alaskan Native	-	1,673	-	0.5 %	-	93.7 %	93.6 %
Asian	233	20,350	21.5 %	6.6 %	98.2 %	97.2 %	97.1 %
Hispanic	320	133,733	29.5 %	43.4 %	97.9 %	95.1 %	95.0 %
Black/African American	85	37,040	7.8 %	12.0 %	97.7 %	93.6 %	93.7 %
White	331	93,024	30.5 %	30.2 %	97.3 %	95.2 %	94.8 %
Pacific Islander	22	4,507	2.0 %	1.5 %	97.3 %	95.1 %	95.0 %
Multi-Race	91	17,910	8.4 %	5.8 %	98.2 %	95.2 %	95.0 %
IEP	22	31,852	2.0 %	10.3 %	98.3 %	93.3 %	93.4 %
LEP	17	54,100	1.6 %	17.6 %	98.7 %	95.8 %	95.8 %
FRL	395	174,372	36.4 %	56.6 %	97.8 %	94.7 %	94.6 %
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.

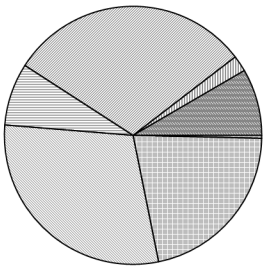
Transiency, Truancy, and Discipline

	School	District
Transiency Rate	3.4 %	29.9 %
Habitual Truancy - # of Incidents	0	1,556
Discipline - Incidents Resulting in Supension/Expulsion for:		
Violence to Other Students	0	4,392
Violence to Staff	1	191
Possession of Weapon	0	357
Distribution of Controlled Substance	0	95
Possession/Use of Controlled Substance	6	1,190
Possession/Use of Alcohol	0	146
Bullying, Cyber Bullying, Harassment & Intimidation	0	1,584
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%)
Asian (21.5%)
Hispanic (29.5%)
Black/African American (7.8%)
White (30.5%)
Pacific Islander (2%)
Multi-Race (8.4%)

Credit Deficiency

Class of	School #	School %	District #	District %
2015	0	0.0 %	0	0.0 %
2014	2	0.8 %	4,267	18.6 %
2013	2	0.7 %	5,958	26.2 %
2012	0	0.0 %	4,772	23.2 %

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 2011-2012 school year.

Average Class Size

Subject Area	School	District
English	23	24
Mathematics	25	25
Science	24	27
Social Studies	21	27

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: High Achieving - Status

Advanced Technologies Academy has been classified as a school which demonstrated Adequate Yearly Progress during the 2011-2012 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	13 %	10 %	65 %	13 %	2 %	23 %	73 %	3 %	1 %	25 %	56 %	17 %
District	14 %	10 %	65 %	11 %	2 %	24 %	72 %	3 %	1 %	26 %	55 %	17 %
School	0 %	0 %	63 %	37 %	0 %	2 %	88 %	10 %	0 %	1 %	37 %	62 %

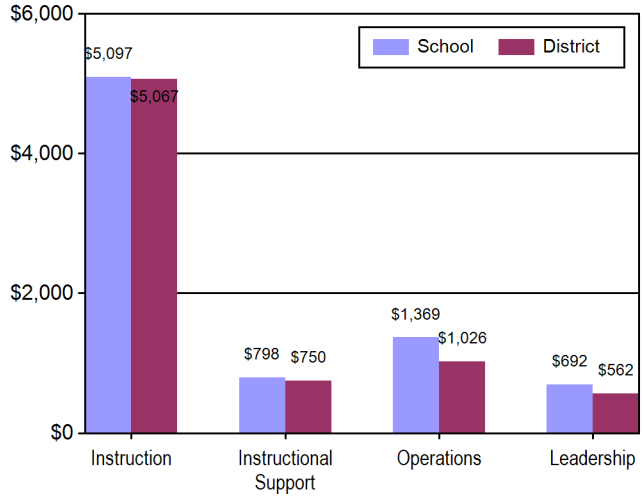
'-' indicates data not presented for groups fewer than 10.
'N/A' indicates that data are not available.
As a result of substantive changes to the content and rigor of the 2011 reading assessments, direct comparisons should not be made between 2011 performance and performance in previous years.

Per-Pupil Expenditures 2010-2011

The Nevada Department of Education in consultation with In$ite 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 = $7,955.28
District Total Cost Per Pupil = $7,404.23

Per-Pupil Expenditures By Category



Schools showing only $0 have not been in operation long enough to have data for 2010-2011.

Personnel Information

Classes Not Taught by Highly Qualified Teachers

	School %	District %
Elementary	N/A	4.3 %
Arts	0.0 %	1.3 %
English	0.0 %	6.6 %
Foreign Language	0.0 %	1.6 %
Mathematics	0.0 %	6.1 %
Science	0.0 %	4.5 %
Social Studies	0.0 %	4.1 %

'N/A' indicates that these subjects or grade levels are not present. Data obtained from the Office of Teacher Licensure as of May 2012.
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	95.7 %	266	16	20
District	95.7 %	256	0	0
School	95.3 %	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 2011 (Leaver Rate)

	Graduation Rate			Dropout Rate		
	School	District	State	School	District	State
Total Students	99.5 %	66.4 %	68.8 %	0.1 %	4.4 %	4.1 %
Male	99.2 %	63.1 %	65.7 %	0.0 %	5.0 %	4.6 %
Female	100.0 %	69.8 %	71.8 %	0.3 %	3.7 %	3.5 %
American Indian/Alaskan Native	-	57.4 %	57.6 %	0.0 %	4.6 %	4.4 %
Asian	100.0 %	75.1 %	75.8 %	0.0 %	3.1 %	3.0 %
Hispanic	100.0 %	59.1 %	60.0 %	0.0 %	5.0 %	4.9 %
Black/African American	90.9 %	49.6 %	50.0 %	0.0 %	6.3 %	6.3 %
White	100.0 %	75.8 %	77.7 %	0.3 %	3.4 %	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 2011

	Standard Diploma		Advanced Diploma		Adult Diploma*		Adjusted Diploma		Cert. of Attendance+	
	#	%	#	%	#	%	#	%	#	%
State	15,163	63.0 %	6,203	25.8 %	87	0.4 %	1,320	5.5 %	1,284	5.3 %
District	10,874	66.2 %	3,693	22.5 %	N/A	N/A	852	5.2 %	999	6.1 %
School	108	57.8 %	79	42.2 %	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 2011

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	4,890	1,286	26.3 %
School	107	18	16.8 %

Parent/Community Involvement

A-TECH, realizing that digital and media resources exemplify current practices, utilizes an active, ever-changing, and always-current website for all aspects of school and community information. All faculty are required to have a web presence, and each of those web presences must include course expectations for each subject taught, contact information, teaching schedule, and a link to ParentLink. Counselors update current college site visitations, and daily announcements, student and parent handbooks, and course registration guides. Student and faculty recognition, particularly program and core class successes in local and state competitions, focuses on the application of academic pursuits. Parent concerns and/or requests are routed through the counseling office where conferences are scheduled. A-TECH offers not only a fall Open House, but also two Parent Information Nights and a Junior/Senior College Information Night. Seven Parent Advisory Committee meetings are held annually. Student and teacher volunteer hours number in the thousands of hours, and community advisory groups recognize and assist our program areas.

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 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.