

AMES IS...

- An Early College High School in partnership with the University of Utah
- Comprised of a diverse student body with a population of over 50% ethnic minority, 45% economically disadvantaged, and 34% first generation college attenders.
- Scoring above state and national averages on the ACT test
- Scoring above the state average on the Utah State Student Assessment and Growth (SAGE)
- Named one of the 100 best high schools in the country for low income students by The Daily Beast
- A school where, on average, the senior class graduates with over 1,300 college credits saving their parents between \$500,000 and \$600,000 dollars
- Graduating 98% of our seniors over the past 4 years
- A caring and inclusive environment for all



AMES DECLARATION

AUGUST 2016

AMES is a school where everyone has value and everyone is a participant in a learning community.

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*We as a school and staff support **effort** and **risk**; we support academic success for all.*

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We believe that students cannot do this alone: staff, teachers, and other students support each other.

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AMES strives to build a learning community where interconnectedness is paramount.

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AMES is exceptional in that we address the support of each other and our students.

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No one at AMES should be anonymous.

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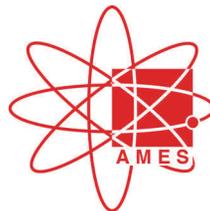
Everyone needs to graduate from high school.

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*We believe in **inclusion**, not **elitism**.*

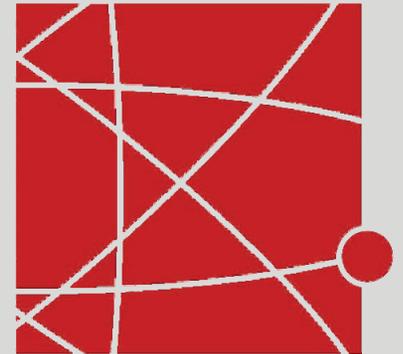
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Every time one student grows and meets their goals we all benefit from their success.



ACADEMY

FOR MATH, ENGINEERING & SCIENCE



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ABOUT US

The Academy for Math, Engineering & Science (AMES), located at Cottonwood High School in Salt Lake City, provides high school students (grades 9-12) opportunities to extend their knowledge beyond the typical high school curriculum, especially into the worlds of technology, math, science and engineering. At AMES, we are looking for students who are:

- *SEARCHING* for better educational opportunities
- *WILLING* to work hard
- *APPLYING* themselves to challenges
- *EAGER* to try new things

AMES is *NOT* about attracting students with the highest GPA or assessment scores. We have a place for all students. We serve our students by providing enrichment and a challenge for the highest level student while also providing the support and scaffolding for all students to meet their potential.

AMES is a stimulating and inspiring place for bright, talented, and disciplined students. We offer an exceptional teaching staff, including University of Utah faculty and Salt Lake-area professionals. Courses include integrated programs in math, science, technology, computer science and engineering as well as core classes in language arts, social studies, and the arts. Additional courses offered through Cottonwood High School round out the total AMES experience.

FAQs

Can I participate in sports and extracurricular activities while I attend AMES?

We have a good partnership with Cottonwood High School and you may participate in Cottonwood sports and extracurricular activities. Many of those activities are well represented by AMES students. As an incoming freshman you may compete in sports at your boundary school or with Cottonwood, however, once you establish where you are playing you may lose a year of eligibility if you try to transfer at a later date.

What languages are offered at AMES?

We have traditionally offered Spanish, Arabic and Russian at AMES and Cottonwood High School provides the opportunity to take French, Chinese, Advanced Spanish and American Sign Language.

Can I get an Associate Degree while attending AMES?

One of the principles of an early college program is that students may earn an associate degree or up to two years of transferable college credit. Our higher education partner the University of Utah does not offer associate degrees. Students may earn up to 43 semester hours of University of Utah credit while attending AMES, which is the equivalent of two years of college.

What if I am not especially good at math or science? Is AMES still the school for me?

AMES offers all the classes you need to graduate from high school. Additionally you can take classes from Cottonwood High School that will diversify your high school experience. You will graduate from AMES with four credits each of math and science, you will be prepared for college when you graduate and you will have done it in smaller classes and in a supportive environment.

CURRICULUM HIGHLIGHTS

- *Small class sizes (<30 students)*
- *250:1 student to counselor ratio*
- *Career and Technical Education Pathways: Robotics, Mechanical Engineering, Programming & Software Development, IT Systems including an AP class*
- *FIRST Robotics Team 3243*
- *Class highlights include: Robotics I and II, Engineering Foundations, Internship*
- *Concurrent Enrollment courses through the University of Utah include: Writing 1010/2010, UGS 2001/2002, Math 1030, Math 1070, Calculus 1210/1220, Chemistry 1210/1220 and Physics 2210/2220*
- *60% of our seniors earn scholarships*
- *90% of our graduating seniors attend college or other post secondary education*



Our Mission...

To prepare a diverse student body for success in college or other post secondary education