

School of Math, Science, and Engineering



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MSE : Aerospace Engineering

The major objective of this course is to give students an overview of Aerospace Engineering. Students will employ a variety of engineering, math and science applications in the solution of aerospace problems.

Lessons will engage students in problems related to aerospace information systems, astronautics, rocketry, propulsion, space life sciences, aeronautics, composite materials, and telerobotics.

Students will work in teams on projects and activities to learn the diverse technologies and applications of aerospace engineering. They will focus on problem solving related to situations that



Above, : Brynn Keenan, Kyle Stesemann, Kyle Olbrich and Wendy Enis discuss the design of their microgravity test apparatus.

aerospace engineers face in their careers.

Extensive use of software programs and hands-on equipment is employed throughout the curriculum.

The course is open to

10th -12th graders with a grade of "B" or above in Algebra 1, Geometry and Physical Science.

For more information see Mr. David Roemer.

UPCOMING EVENTS:

- *Math, Science and Engineering Business Alliance Board Meeting*, March 3rd 2009 @ 6:30 pm —E 107
- *Engineering Club Meeting*, @ 7:50 am —E106
Sponsors: Deb Kennedy & David Roemer
- *Wando Wildlife, Water Warriors W⁴*
Sponsors: Diane Girardeau, Michele Powell,
- *Mu Alpha Theta Math Honor Society Important Dates: 1/31 The Citadel Math Meet,*
- *2/21 C of C*
- *Math Meet,*
- *3/14 Quest,*
- *4/17 Clemson Calculus Competition, 4/26 Wando Math Meet*
Sponsors: Ted Guerard, Larry Crosswell, & Erin Crosswell
- *Marine Science Club Meeting*, @ 7:45 am—F204
Sponsor: Connie Levetette
- *Quiz: Bowl Practice continues*
Sponsors: Betty Sharpe, Erin Crosswell, & Larry Crosswell

- **Congratulations Ted Guerard , Wando High School Teacher of the Year 2009 !**

Course Highlights: Environmental Science

Environmental Science highlights the Atmosphere, Renewable Energy, MSW and Toxic Wastes, Water and Population Issues in the world.

Pictured is Thomas Zeigler and Alex McGoogan collecting data for photovoltaic cells during the renewable energy unit. Each class completes a commu-

nity service project to improve the environment. Projects have included: Energy conservation at Wando High , building a greenhouse for raising trees to improve air quality, and using cloth bags for shopping instead of plastic bags. Highlights include solar cars + pond study.



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