

**Utica Community Schools
Center for Science and Industry
Frequently Asked Questions**

1. What is the Center for Science and Industry?

The Center is a place that provides a rigorous academic program for students who want a career in technology, while allowing them to see the “why” and relevance of their high school course work.

The Center for Science and Industry is part of the district’s new educational partnership with Armada Area Schools and Mount Clemens Community Schools. The partnership, known as the Alliance for Academic Excellence, is intended to expand learning opportunities for students enrolled in the three school districts. As part of the partnership, Armada and Mount Clemens students will be able to apply for enrollment in the Center.

2. What programs will be offered?

Course work begins with a two-year preparation for ninth and tenth graders, who will attend the Center for a portion of the school day. Regardless of their specific course of study, all ninth graders will take 20 weeks of Art Foundations and 20 weeks of Drafting/CAD. They will also take English 9, taught in the context of technical reading and writing, as well as geometry, with an emphasis on project-based mathematics.

Tenth graders will choose one of the three disciplines and take courses to prepare them for entry into study for Engineering Technology, Mechatronics or Multi-Media Technology. All tenth graders will take English 10 and Algebra I.

3. What is Mechatronics?

Mechatronics blends the applications of mechanical, electronics and software engineering, resulting in improved operating systems. In the professional world, Mechatronics is used in the fields of industrial robotics, automotive engineering and a variety of other occupations.

4. Other than specific course work, what are the advantages for my student to attend the Center?

Students will have access to work-based learning opportunities at all levels, including job shadowing, mentoring and work-site internships.

5. Where will the Center be located?

The Center will be located at the Joan C. Sargent Instructional Resource Center, on Canal Road in Sterling Heights. It is the same location as the district's Center for Mathematics, Science and Technology.

6. Since this is a half-day program, will transportation be provided if the Center is not in my child's school?

Yes. Students will be transported from their home school, in the manner of students attending the district's Center for Mathematics, Science and Technology.

7. What is the application process?

Students must apply as ninth graders. Specific application information will be available to your student during scheduling for the 2008-2009 academic year and from the counseling office.

8. If my student enrolls in the Center for Science and Industry and later wants to return to the regular school district program, will that be allowed?

As a student of the Utica Community Schools, your student will be welcomed back into the regular school program, with increased knowledge and possessing a background of academic rigor and technological achievement.

9. What if there are more applications than space available?

Students will be selected through a lottery process from among qualified applicants.

10. How can I get more information about the Center for Science and Industry?

More information is available by calling 586.797.6806.