



Technology



MLHS is Inter and Intra Connected

- *At MLHS the student to computer ratio is 3.5 to 1.*
- *Students have their own personal folders that are password protected and accessible from any MLHS computer.*
- *All MLHS computers are fully networked.*
- *Computer Applications is a freshman year requirement.*
- *Advanced Placement Computer Science is offered.*
- *Fast DSL connection.*
- *Students can access computers during study halls and before and after school .*
- *Internet access is monitored by content-filtering software.*
- *Teachers utilize the latest technology such as "Smart Boards", live media streaming and Photo Story Three to enhance teaching methods.*

David Bergt, Technology Director, utilizes the latest teaching technology—the interactive digital white board projector to “make information come alive” for students. MLHS has these “Smart Boards” in the Science, English, Math and Computer class rooms.

Mr. Bergt teaches:
 Computer Applications/Programming
 Accounting
 Consumer Math
 Algebra I and II
 Geometry
 Advanced Placement Calculus
 Advanced Placement Computer Science
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Learning and living in a global civilization while strengthening your faith

Media and Technology

MLHS students have the opportunity to study Media and Broadcasting at Gemini Studios in Fairmont. Bruce Abitz is the instructor.

In this "hands-on" class setting, students are expected to dress, speak and perform as professionals.



They learn the ins-and-outs of television broadcast production from beginning to end.

Becky Breitbarth (2005) credits her MLHS Media classes for giving her a solid foundation to excel in her Media courses at Bethany Lutheran College, Mankato. She also interned at Fox News under Greta VanSusteren.

Students become familiar with on-screen situations that require spur-of-the-moment decision making.



Weekly productions are aired on Fairmont Cable Channel #12.



Journalism and Technology

Newspaper: Students interested in developing their journalism talents have the opportunity to be on the newspaper staff. The *Knightly News* is written and produced by MLHS students as an extra-curricular activity. Staff members are responsible for interviews, story lines, writing and production. Rebecca Oerman is the advisor.

Yearbook: Producing a pictorial historical document of the year allows students to fine-tune their journalism and graphic design skills. The MLHS yearbook is produced completely on-line through the Jostens company. It is offered as an extra-curricular activity. Students are trained to use the program by the Jostens representative. They are able to access the yearbook program from any computer with internet connection.

Students learn Photo Shop and become familiar with taking and editing digital photos. Staff also learn sales and finance by selling ads and holding fundraisers to finance yearbook expenses.

Marge Thiesse is the advisor.



Vast learning opportunities available with just one click of the mouse.

Classrooms and Technology



Digital Video Projectors: All teachers have the capability to enhance teaching methods utilizing digital video projectors (commonly known as "Smart Boards.") This allows them to show pre-recorded presentations, access on-line video streaming or utilize Power Point presentations to augment student learning.

Science: Students can simultaneously view microscopic organisms via a scope cam video microscopy color system. An interactive white-board used by the instructor makes science "larger than life" for students.

English: In order to facilitate research and learning opportunities, freshmen students are trained in internet literacy and on-line library database navigation. These internet exploration opportunities are reviewed yearly. A special emphasis is placed on responsible, safe internet usage.

Math: Each student is issued a graphing calculator for use in Pre-calculus and Advanced Placement Calculus. Interactive technology greatly facilitates students' understanding of advanced math concepts.

Social Studies: The latest technology brings the world right into the classroom when studying history, geography and other cultures.

