



GRAND TRAVERSE AREA  
CATHOLIC SCHOOLS

# ST. FRANCIS HIGH SCHOOL SCIENCE CLASSROOM RENOVATION PROJECT



**TOP 50**  
CATHOLIC HIGH SCHOOL  
IN THE U.S.A.

*“Wonder is the desire of knowledge.”*

- St. Thomas Aquinas



## Why?

Recognizing the importance science plays in our society, it is imperative that students at St. Francis High School stay competitive in the field and are well-prepared for post high school studies. Being literate in science is no longer just a necessity, but an absolute.

The two science classrooms within St. Francis High School have not been updated since the original construction nearly 50 years ago. The Chemistry/Physics lab needs to be refurbished and updated with modern safety equipment. The Biology lab needs to be upgraded with nine workstations, providing greater student access and expansion of educational opportunities, including Advanced Placement classes.

The delivery of the St. Francis High School science curriculum will be enhanced by this project, ultimately leading to a deeper level of scientific thinking and better opportunities for our students in science-related fields.



## When?

Renovation and construction will occur during the summer of 2011. Both labs will be finished and functional by the start of classes in the fall of 2011.

## How many gifts have been made?

Two "Leadership Grants" have already been made by the Oleson Foundation (\$25,000) and the Art & Mary Schmuckal Family Foundation (\$5,000). Rick Skendzel from Architecture Technology, P.C. has also generously donated a great deal of time and talent by providing an architectural design (shown at right) and consulting for the project.

## How can I help?

St. Francis High School does not have access to public or millage funding. To overcome this obstacle, there are a number of ways that you can help us complete this project:

- **Make a specific financial contribution to the project (see attached pledge form)\***
- **Provide free/discounted labor – let us know if you are licensed and have an expertise in plumbing, electrical, or construction**
- **Provide free/discounted materials or equipment – let us know if your company provides construction materials or scientific equipment or if you conduct business with this type of company**
- **Referral to a funding source – do you have a relationship with a science-oriented donor or foundation that would contribute to this exciting project?**

\* **Naming opportunities for gifts in excess of \$25,000 will be considered.**

## PROPOSED BUDGET

### Chemistry / Physics Lab Renovation

Refurbish 12 existing work stations	\$6,500
New lighting	\$1,000
Equipment purchases	\$5,000
Material & chemical purchases	\$2,000
Electrical & gas code compliance updates	\$4,000
Cabinetry - refurbish + new	\$4,000
Safety Equipment	\$1,000
Repainting	\$2,000
Window Replacement	\$14,500
<b>Subtotal</b>	<b>\$40,000</b>

### Biology Lab Renovation

Construct 9 new work stations	\$45,000
Install 15 electrical access points for desks	\$3,500
Whiteboard & projection screen	\$1,000
New lighting	\$1,000
Equipment purchases	\$15,000
Material & chemical purchases	\$2,000
Electrical & gas code compliance updates	\$4,000
Cabinetry - refurbish + new	\$4,000
Safety Equipment	\$3,000
Repainting	\$2,000
Window replacement	\$14,500
<b>Subtotal</b>	<b>\$95,000</b>

**TOTAL PROJECT COST \$135,000**



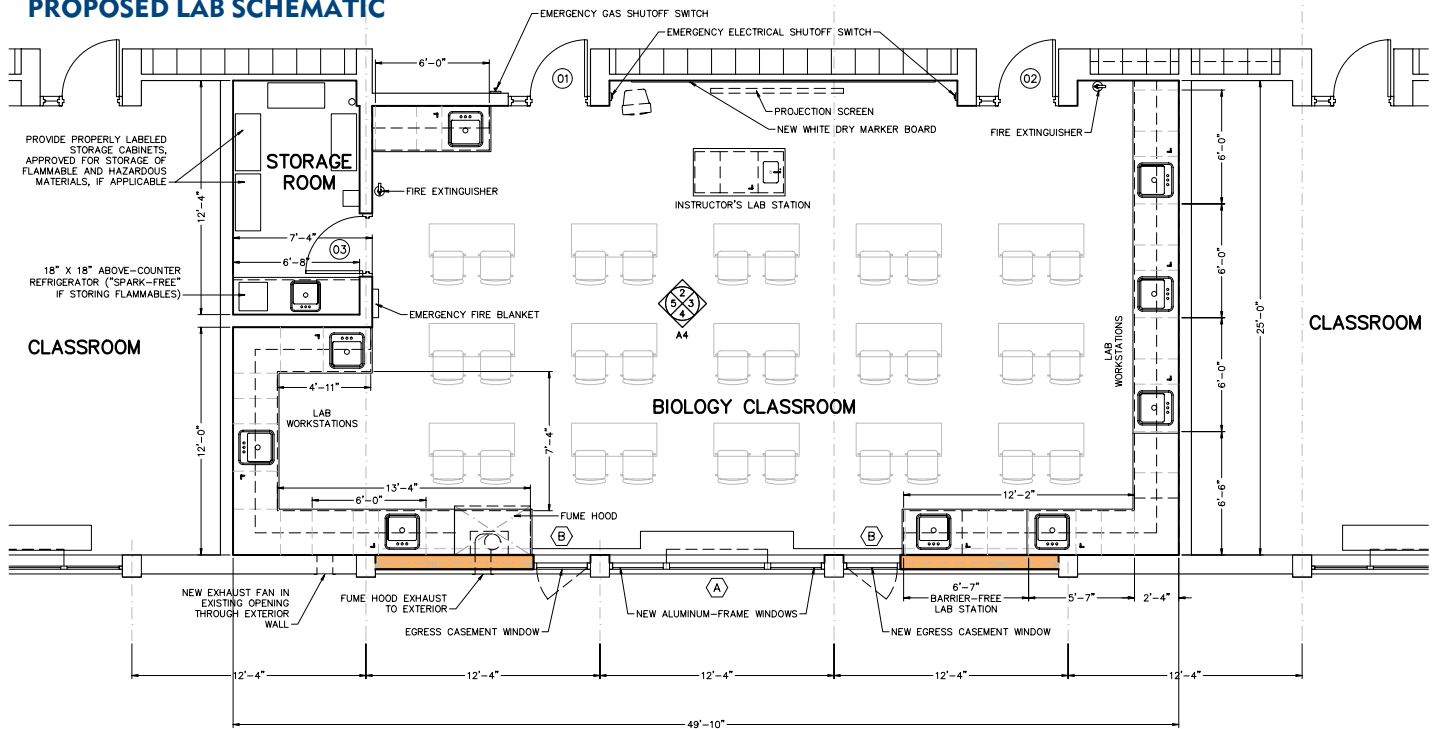
## CURRENT CLASSROOM LAB



## PROPOSED CLASSROOM LAB

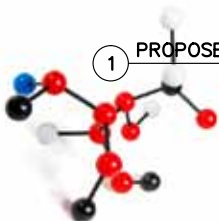
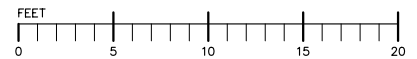


## PROPOSED LAB SCHEMATIC



1 PROPOSED PARTIAL SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"



PRELIMINARY  
NOT FOR CONSTRUCTION

# ST. FRANCIS PROFILE

## COMMUNITY

St. Francis High School, accredited by the Michigan Non-Public School Accrediting Association, is a four-year comprehensive high school with an average student-teacher ratio of 22:1. Five local parishes maintain the Grand Traverse Area Catholic School system to give students a thorough knowledge of the Catholic faith as well as to help them achieve excellence in the arts and sciences. The school serves an economically diverse population and has been in existence since 1877.

## TOP 50 CATHOLIC HIGH SCHOOL

For 2008/09 and 2010/11, Traverse City St. Francis was named a top 50 Catholic high school by the Catholic School Honor Roll. St. Francis was selected out of nearly 1,300 Catholic high schools in the U.S.A. The Catholic High School Honor Roll is an independent project of the Acton Institute ([www.cshonor.org](http://www.cshonor.org)). To receive this honor, the School was evaluated on academic excellence, Catholic identity and civic education.



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## CURRICULUM

A full range of college preparatory courses is offered, including a variety of College Board's Advanced Placement courses, Psychology course, Calculus AB and English Literature and Composition courses. An honors curriculum is offered and students with demonstrated educational maturity may elect carefully assigned and monitored independent study coursework. Students are required to complete 24 Carnegie units of credit. Honors and accelerated courses are not weighted. Students may participate in the dual enrollment program at Northwestern Michigan College. Further, students may elect additional Advanced Placement classes at the local public high school as well as classes at the Traverse Bay Area Career Tech Center.

## ACADEMIC ACHIEVEMENTS

St. Francis High School students continually receive numerous scholarship recognitions from both independent and public colleges and universities. St. Francis students are consistently chosen for recognition of their leadership within the community.

AVG. ACT SCORE	TCSF 2010	MICHIGAN	NATIONAL
ENGLISH	24.47	18.9	20.5
MATH	21.95	19.7	21.0
READING	24.88	19.7	21.3
SCIENCE REASONING	23.01	19.9	20.9
COMPOSITE	23.76	19.7	21.0

## STUDENT ACTIVITIES

Among available activities are musical theater, Bible study, athletics, Respect for Life student chapter, mission projects, Key Club, National Honor Society, student council/student government and a variety of student leadership forums.

## COLLEGE AND UNIVERSITY PLACEMENTS

### All Michigan colleges & universities

Ball State University  
Berklee College of Music  
Boston College  
Brown University  
Butler University  
Carnegie Mellon University  
College of William and Mary  
Dartmouth College  
Denison University

DePaul University  
DePauw University  
Florida Institute of Technology  
Fordham University  
Loyola University  
Marquette University  
Marymount Manhattan, NY  
Miami University of Ohio  
Northwestern University  
New York University, NY  
Purdue University

Rose-Hulman Inst. of Technology  
St. Francis College, NY  
St. Mary's College, IN  
Santa Clara University  
U.S. Air Force Academy  
U.S. Coast Guard Academy  
U.S. Military Academy  
U.S. Naval Academy  
University of Notre Dame  
Vanderbilt University

