



# St. Mary's High School

Lancaster, NY



## *The Academies at St. Mary's High School*

St. Mary's High School is proud to announce the development of **The Academies at St. Mary's High School**, where students will take courses that reflect a real interest in a particular field of study, giving them a taste of what their potential career path may be before the time comes to pick a college major. Each year, students will have the option to continue on in their chosen "major" or switch to a different one to get as much experience as possible in these different fields of study.

The academies in different subject areas will work in tandem with St. Mary's Lancer Life Curriculum as well as students' NYS Regents classes, meaning students will still take their usual Math, Science, Social Studies, English, Spanish, and elective classes in addition to partaking in The Academies at St. Mary's High School.

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### *The Academies of...*

**Business/Entrepreneurship/Finance**  
**Education**  
**Engineering & Experimental Design**  
**Global Citizenship/International Relations**  
**Health & Sciences**  
**Hospitality/Event Planning**  
**Journalism & Marketing**  
**Law & Criminal Justice**  
**Performing Arts**  
**Visual Arts**  
**The First Year**

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## *The Academies at St. Mary's High School* *will begin September 2022*



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## *The Academies at St. Mary's High School*

# *The Business, Finance, & Entrepreneurship Academy*

The **Business, Finance, & Entrepreneurship Academy** prepares students to pursue a business or financial-related major in college by providing an overview of the principles associated with each topic. These principles will then be put into practice through the development and management of several on-campus initiatives, including The Lancer Fund Stock Market Challenge, concession stand management, and more, bringing the concepts of small business management and accounting to life.

### ***Curriculum to Include:***

Public Equity Markets
Supply Chain & Logistics
Project Management
Retirement Planning
Stock Market 101

Small Business Management
Catholic Business Ethics
Trades as a Career
Debt Management
Real Estate & Development

Intro to Finance/Accounting
Regulations
Intro to Tax Law
Student Loans
Intro to Finance

### ***Other exciting elements:***

- Guest speakers from all worlds of management and finance
- Real world experience from the Academy's faculty in the related fields
- "School time" field trips to local businesses - both small and large - to see their inner workings
- Manage on-campus business initiatives, i.e. coffee shop, concession stand, school store

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## *The Education Academy*

The **Education Academy** is designed for students who have an interest in education and would like to start their career path toward becoming a future educator. The goal is to empower the next generation teaching force, building the skills necessary for strong teachers. Students will learn by watching different teaching techniques and theories and then put those into practice through creative lesson planning, innovative educational technology, and cooperative educational experiences that will give future teachers a foundation for success.

### **Curriculum to Include:**

Different Types of Schools  
Schedules  
Teacher Evaluations  
Public Speaking

Best Teaching Practices  
The College Experience  
Lesson Planning  
Effective Communication

Salary Levels  
Technology for Teachers  
Classroom Management  
Learning Styles

### **Other exciting elements:**

- Practice teaching in a simulated classroom environment
- Gain valuable experience in a school setting
- Tour local colleges and universities to explore different teaching programs
- Guest speakers from different backgrounds and grade levels to provide insight on the teaching profession

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# *The Academies at St. Mary's High School*

## *The Engineering & Experimental Design Academy*

The **Engineering and Experimental Design Academy** is focused on exposing students to the fundamentals of chemical, civil, electrical, and mechanical engineering. Through a combination of theory and hands-on projects, students will be introduced to the different fields of engineering. Students will also engage in the process of experimental design, used by science professionals, to collect, analyze, and present their own scientific data.

### ***Curriculum to Include:***

Mathematics & Physics  
Principles  
Experimental Design  
Cybersecurity  
STEM

Data Collection  
& Analysis  
Careers in Engineering  
Project Management  
Robotics

Testing Research  
Questions  
Data Presentation  
Scientific Method  
Informational Tech (IT)

### ***Other exciting elements:***

- Integrate Physics and Mathematics principles into real world problems
- Field trips to various locations to explore the education required to become an engineer and what the workplace requires
- Guest speakers who work in engineering and experimental design
- Design and build an engineering project (i.e. bridge, tower, plane, rocket, trebuchet, or a project based on student interest)
- Research a scientific problem, create a hypothesis, and design and carry out an experiment
- Present scientific findings to be easily understood by peers and professionals

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## *The Academies at St. Mary's High School*

### *The Global Citizenship & International Relations Academy*

The **Global Citizenship & International Relations Academy** will create an international understanding among students and a desire to celebrate and participate in the various traditions that make the world, and our community, a unique place. Students will learn to acknowledge the presence of multiple cultures, languages, and ways of living across the globe and the current needs and political, social, and economic issues surrounding various ethnic groups in several different countries. In the tradition of St. Francis, the Lancers in this academy will develop a “citizen of the world” mentality, learning our place on a global scale and things they can do to make the world a better, more peaceful place - both in local communities and the world at large.

#### **Curriculum to Include:**

Student Exchange Programs  
Immigration Law  
Tourism

Foreign Language Education  
Volunteer Tourism  
International Business  
Interpreting

Non-Profits Serving Refugees  
Cultural Arts  
Missionary Work

#### **Other exciting elements:**

- International travel opportunity
- “Lancers Lend” Human Response Groups
- Faculty with multi-national experience and native foreign language speakers
- Guest speakers who have experience in these fields.
- Food tasting and traditional arts and crafts
- Documentaries/films
- Field trips to culturally immersive sites

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## *The Academies at St. Mary's High School*

# *The Health & Science Professionals Academy*

The **Health & Science Professionals Academy** is designed to give students a greater understanding of the healthcare, science, and mental health fields. After receiving a background in biology, chemistry, and psychology, students will conduct research and perform experiments in a laboratory setting, simulating work done by healthcare and science professionals. The goal of this academy is to provide students with a base level of experience so they can go on to pursue careers as doctors, nurses, therapists, pharmacists, social workers, lab technicians, psychologists, and more.

### **Curriculum to Include:**

Biology
Mental Health Evaluations
Best Lab Practices
Medical Supply
Nursing

Chemistry
Personality Tests
Dissection
Pharmaceutical

Psychology
Experimental Research
Medical Ethics
Athletic Training
Mental Health Professionals

### **Other exciting elements:**

- Guest speakers from the medical, science, and mental health fields
- Field trips to labs/doctors' offices
- Hands-on work, including the dissection of different animals with a lab partner
- Students will research different colleges and majors in these fields of interests to get ahead in the application process
- Internship opportunities

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*The Hospitality & Event Planning Academy*

**The Hospitality & Event Planning Academy** exposes students to these rapidly growing fields. This academy will be extremely hands-on, as students will work to plan, execute, and manage various events and functions. Rooted in tourism and travel, hospitality and event planning give students a taste of what the industry can be like on a global scale, taking them all over the country, and even the world, if they choose to pursue careers in these fields.

**Curriculum to include:**

Project Management  
Resort Management  
Tourism Trends

Meeting Deadlines  
Networking  
Leadership/Teamwork  
Culinary Arts

Customer Service  
Client Relations  
Attention to Detail

**Other exciting elements:**

- Guest speakers from the Hospitality Industry
- Tour local restaurants and venues
- Discover career opportunities in the Hospitality and Event Planning Industries
- These fields are still relatively new and are still evolving in the college curriculum, so students will explore these majors at different colleges and universities across the country of interest to them to see the different opportunities and partnerships available at each school
- Internship opportunities

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*The Journalism & Marketing Academy*

The **Journalism & Marketing Academy** will explore those fields and further develop the skills needed to pursue careers in the fast-paced world of media. This writing-intensive academy will create the foundation for students to be successful in any avenue of these fields, including print, social media, newscasting, podcasts, web, and video production and editing. In this hands-on environment, students will dive into the current journalism and marketing efforts of the school, working to enhance those efforts.

**Curriculum to Include:**

Print Publications  
Monthly Marian Gazette  
Website Management  
Photography

Writing Press Releases  
Podcasts  
Video Editing  
Marketing

Design & Layout  
Social Media  
Writing Copy  
Interviewing

**Other exciting elements:**

- Work directly on projects already in-progress at the school alongside St. Mary's staff
- Contribute to publications that market St. Mary's High School to the school and outside communities
- After-school commitments to cover events and other newsworthy topics
- Learn software programs used to put together publications
- Guest speakers in these fields
- Senior internship program

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## *The Academies at St. Mary's High School*

# *The Law & Criminal Justice Academy*

In **The Law & Criminal Justice Academy**, students interested in law, governance, justice, and public service will build a strong foundation of the skills, knowledge, and experience needed to pursue careers in these fields. Few fields combine theory and practice so effectively, opening diverse avenues for applying the tools of intellect to the problems of society. The Law & Criminal Justice Academy at St. Mary's High School combine the liberal arts advantage with the lens of Catholic understanding.

### **Curriculum to Include:**

Philosophy  
Debate Skills  
Researching for a Case

Political Science  
Brief Writing  
Contract Law

Ethics  
Constitutional Law  
Criminal Justice System

### **Other exciting elements:**

- Guest speakers from the law and criminal justice fields
- Model United Nations - similar to programs run at Harvard, Georgetown, and Canisius College
- Participation in Mock Trial where students prepare for an actual court case and compete against other area high schools

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# *The Academies at St. Mary's High School*

## *The Performing Arts Academy*

The **Performing Arts Academy** welcomes performers of all skill and experience levels to further develop their abilities on the stage as well as foster a greater appreciation for the creative process of staging a production as a whole. A combination of theory-based and hands-on exercises will be utilized to dive into all aspects of a performance - from singing, dancing, and acting on stage, to set and costume design, and more.

### **Curriculum to Include:**

Intro to Theater
Stage Movement/Dance
Costumes & Design
Script Writing
Jobs in Theater

Acting
Tech
Set Design & Construction
Finances of a Show
Theater & Tech

Vocals
Make-Up
Lighting & Sound
Producing a Show
Film vs. Live Theater

### **Other exciting elements:**

- Guest artists from local theaters
- Working with the Educational Department at Shea's Buffalo
- Guest speakers for sound engineering, lighting, film editing, and construction
- "School time" field trips to performances at local colleges/theaters
- Universal Theater Performances
- Different types of cultural performances

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# *The Academies at St. Mary's High School*

## *The Visual Arts Academy*

The **Visual Arts Academy** is open to students who are serious about pursuing a career in the visual arts and are looking for more experience and want to add to their artistic portfolios. The academy is also open to students who see the Visual Arts as more of a hobby and enjoy looking at and creating beautiful artwork.

### **Curriculum to Include:**

Use a Variety of Visual Arts  
Media  
Careers in the Arts  
Photography

Different Ways to  
Create Art  
Create Artist Websites  
Create & Enter Shows  
Lighting & Sound

Famous Artists &  
Their Work  
Portfolio Organization  
Costumes & Design

### **Other exciting elements:**

- Visit museums & art galleries
- Real world experience from the Academy's faculty in the related fields
- Watch movies by and about artists
- Visit art businesses
- Make the school beautiful with individual & group projects
- Trips added to the great museums of the world

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# *The Academy of The First Year*

The **Academy of the First Year** is designed as an introduction to St. Mary's High School and our expectations and values. The goal is to identify ways in which students will feel confident and driven within the academic setting and beyond, engaging them with a variety of resources and activities.

### **Curriculum to Include:**

St. Mary's 101  
Service & Community  
Career & College  
Exploration

Organization & Study Skills  
SMART Goal Setting  
Stress Management  
Franciscan Spirituality

Social Skills  
Life Skills  
How to Prep for  
Sophomore Year

### **Other Exciting Elements:**

- *Guest Speakers*
- *Fireside Chats*
- *Workshops*
- *Field Trips*
- *Team Building*
- *College and Career readiness*
- *Mentoring*
- *Academic Success*

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