

# St. Thomas Aquinas High School Winterterm Program of Studies March 3rd-7th, 2025

Dear St. Thomas Aquinas High School Community,

Welcome to the <u>2025 edition of our Winterterm Program of Studies</u>. We are blessed and fortunate to have both faculty and professionals within our community who support education and allow our school to advance your education in unique and awe-inspiring ways.

Our mission statement reminds us that St. Thomas Aquinas High School transforms the lives of our students through Catholic education, an education that offers them the opportunity to develop their unique gifts. Winterterm affords our young men and women the chance to widen their learning horizons, step outside of the traditional instructional atmosphere, and pursue an area that interests them intellectually.

Students, we invite each of you to **challenge** your mind, **support** your passion, and **transform** your perception of learning so that you may fully embrace what promises to be a remarkable educational experience.

#### **Purpose and Scope**

Winterterm provides meaningful and enriching educational experiences for our students. The single course structure allows students and faculty to bond and work more closely than they do in regular classes. Students may devote their time and attention to a singular area of study where they can engage in academic topics that are not typically offered in the regular semester curriculum.

The enhanced intellectual spectrum embraces not only faculty and staff but also alumni, parents, and area professionals who seek to participate as instructors. The 2025 Winterterm Program offers St. Thomas Aquinas High School students a pedagogical palette of colorful learning opportunities, the kind of which is generally found only on college campuses or as part of international study.

Take a moment to read through each course description, consider your personal area of interest and knowledge, and stretch yourself to new heights. We will provide a registration form the Week of December 9, 2024 so that students can submit preferences for a course of study. The St. Thomas Aquinas Winterterm curriculum is extraordinary.

Remember, St. Thomas Aquinas Students: Aim High. Soar Higher.



## **2025 Winterterm Offerings**

The feasibility of each course offering will be determined once the number of registrants has been obtained. A course may not be offered if the number of registrants is too low to make the course effective and feasible. Similarly, the time(s) of courses may need to be adjusted based on instructor availability and classroom space.

Some options require that students provide their own transportation and cost. We never want transportation or cost to be a barrier for our students. Please contact Joe Boudreau at <a href="mailto:jboudreau@stalux.org">jboudreau@stalux.org</a> with any questions regarding transportation or course cost.

## **Daily Schedule (Tuesday-Friday):**

With Monday as a faculty prep day, Winterterm courses will begin on Tuesday, March 4th and run through Friday, March 7th, unless otherwise noted in the course description. Please see the tentative Winterterm schedule below. The cafeteria will remain open after program hours (until 4:30pm) for students awaiting transportation or those managing pre-arranged academic support.

	Group & Time	Group & Time
	All Full Day Courses	All Half Day Courses
Start	9:00am	9:00am
Session 1	9:00 am - 11:05 am	9:00 am - 11:05 am
Lunch	11:10 am - 11:50 am	11:10 am - 11:50 am
Session 2	11:55 pm - 2:00 pm	11:55 am - 2:00 pm
Dismissal	2:00pm	2:00pm

\*We will hold a modified schedule on Ash Wednesday to allow for mass and the distribution of ashes for those on campus.



## Full-Day Courses: (9am-2pm)

W01- Course Title: Adventures in Biomedical Engineering

Instructors: Mr. Ron Holtz, STA Science Teacher and Mrs. Julie Verde, STA Math Teacher

Fee: \$100

**Student Maximum:** 20 **Sessions:** 4 days- Full Days

Location: STA (Room 408) and off-campus, potentially 1 Day trip to Lonza in Portsmouth, NH.

Course Description: Biomedical engineering involves the application of engineering principles and design concepts to medicine and healthcare for the purposes of advancing diagnostic and therapeutic techniques. Often seen as an interdisciplinary field, careers in biomedical engineering involve a wide variety of engineering applications ranging from applying knowledge and understanding of genetics to cell and tissue development (biotechnology – imagine using a 3-D printer to "print" a human organ) to the development of medical implants and devices to support regenerative medicine and biomechanics. This Winterterm course is designed to explore careers in biomedical engineering by engaging in some basic laboratory techniques used in the field of biotechnology, and in the application of laboratory techniques and engineering (both design and build techniques) to biology. Experiences will also include round-table discussions with engineers in the field of biomedical engineering and a possible tour of a biomedical facility. This Winterterm is open to students who have completed or are currently enrolled in Biology.

#### W02- Course Title: An Introduction to Community-Emphasized Culinary Arts

Instructors: Mr. Lorenzo Angelides, STA French Teacher - Ms. Ginny Rolfe, STA Spanish Teacher

**Fee:** \$140

**Student Maximum:** 12 **Location:** STA, room 402 **Sessions:** 4 days -Full Days

**Course Description:** Sharpen your culinary skills and ignite your passion for food as you dive into hands-on, group-based cooking experiences that will leave your tastebuds dancing. In this immersive course, you'll learn everything from knife skills to baking bread, crafting exquisite desserts to community food-service, and preparing full meals from scratch. Here's a taste of what's in store:

Master the Basics: Hone your knife skills, perfect a bread leaven, and bake fresh, homemade bread to accompany your meals.

Tea Party Treats: Get creative with dessert-making as you craft elegant treats for a delightful 'tea party' at St. Ann's.

Farm-to-Table Cooking: Embark on a greenhouse tour and shop for fresh, local farm produce, then prepare a meal using the ingredients you've chosen.

Pasta from Scratch: Learn the art of pasta-making from industry professionals, and discover the simple joys of authentic Italian cuisine.



Chocolate Craftsmanship: Explore the decadence of chocolate as you master the art of making ganache, rolling truffles, and perfecting the delicate techniques of tempering and finishing chocolates in both classic and playful ways.

Community Impact: Put your skills to good use by participating in a community kitchen experience, helping prepare and serve nourishing meals to those in need.

Throughout this course, you'll build teamwork and cooking skills, connect with local food culture, and gain a deeper appreciation for the art of meal creation. Whether you're a beginner or an experienced home cook, this course will elevate your culinary expertise and broaden your palate. Students may earn up to **four (6)** community service hours during this course.

#### **W03- Course Title: Discovering Faith in Disney Films**

Instructors: Ms. McAden, STA Theology Teacher

Fee: \$50

Student Maximum: 20 Location: STA, room 309 Sessions: 4 days -Full Days

**Course Description:** This Winterterm course explores themes of Catholic faith, morality, and virtue present in popular Disney films. Through guided viewings, hands-on activities, and creative projects, students will analyze how Disney's storytelling aligns with or diverges from Catholic values. Each day features a specific movie, a central theme, and a mix of discussions and fun, interactive activities.

#### W04- Course Title: Exploring the Seacoast through Science, History, Art, and Food

**Instructor:** Ms. Kelleigh Kennedy & Ms. Brittany Castillo, STA Science Teachers

**Fee:** \$120

**Student Maximum:** 20 **Sessions:** 4 days- Full Days

**Location:** Off-campus, cities of the Seacoast including Dover, Portsmouth, Rollinsford, and Rye.

**Course Description:** Students will gain an appreciation for our local Seacoast NH communities such as Dover, Portsmouth, Rye and beyond and the unique cultures represented in our community. Each day, students will visit a different field site to learn about science, history, art, food, and culture. Activities will include activities such as a trip to explore marine biology and engineering, experiencing culture through food, a walking tour/scavenger hunt of local cities, rock climbing, learning about history at local museums, and visiting local art studios. **Participants should be prepared to be outside in any kind of weather and will be required to have their own transportation to each site around the seacoast.** All field trip sites will be located within a 10-20 minute radius of the school campus.

## **W05- Course Title:** Golf For Business and Life

Instructor: Mr. Dan Limauro, STA Math Teacher

Fee: \$175, tbd by enrollment Student Maximum: 8

Sessions: 4 Days-Full Days

Location: STA, Pease Golf Course, Portsmouth Country Club



**Course Description:** Golf For Business and Life is designed to introduce students to the math, science and business of Golf. Students will be exposed to the history of the game, golf swing instruction and analysis and how the game of golf can be used in the business world. Two of the days will be spent off campus utilizing state of the art golf swing and analysis at The Portsmouth Country Club in Portsmouth, NH and the Pease Golf Course in Portsmouth NH. **Students will need to arrange their own rides to and from each of these locations.** 

#### **W06- Course Title: Living Like the Gilmore Girls**

**Instructor:** Ms. Mary Pate, STA English Teacher and Ms. Cummings, STA Math Teacher

Fee: \$200

Student Maximum: 14, Students will need to arrange their own rides to and from each of these locations.

**Sessions:** 4 days- Full Days **Location:** STA (Room 204)

Course Description: Have you ever wondered what it would be like to live as a Gilmore Girl? Throughout the week, we will visit our own Stars Hollow with field trips to downtown Dover and Portsmouth, NH. It will include trips to our own Luke's Diner, Taylor's Soda Shoppe, Ms. Patty's Dance Studio, and a DAR afternoon tea. We will also spend two days on campus where we will explore the themes of family, community, and small-town living through the lens of the beloved family: The Gilmores. During our time on campus, we will watch clips of the show, eat like the Gilmores, and create items inspired by the series. The cost for this course includes snacks, craft supplies, lunch for one day on campus, and all field trip activities which will include lunch.

## **W07- Course Title: Robotics and Applied Engineering**

Instructor: Mr. Chrys Demos, STA Science Teacher

**Fee:** \$0

**Student Maximum:** 14 **Sessions**: 4 Full DaySessions

Location: STA Robotics Lab, Notre Dame Hall

**Course Description**: The Robotics and Applied Engineering winterterm program puts students in charge of design, construction, and improvement of a FRC (FIRST ROBOTICS COMPETITION) competition-ready robot. The robotics team at STA, known as the Robosaints, will be perfecting and life-testing an all-new engineering design. Students who join us for the week can learn how to design with computer assisted drafting (CAD), 3D print, help with web design, troubleshoot modular electronic circuits, implement sensor technology with-code based digital controllers, and improve mechanical design. No prior experience is needed, just an open mind!

#### **W08- Course Title: Serving The Seacoast**

**Instructor:** Ms. Leah DiTommaso, STA School Counselor

Fee: Lunch Money Daily

**Student Maximum:** 12 (grades 11-12)

**Sessions:** 4 days- Full Day **Location:** STA, TBD



**Course Description**: Serving the Seacoast takes our St. Thomas school motto and puts it into action. Students will be completing daily service projects (one per day) at various locations throughout the week. This is a great time to not only get 15 hours of community service alongside their peers but also gives students a chance to live out our school motto in the community.

\*\*\*Students *must have a license* for this group as our locations we will volunteer at are self transport\*\*\*

#### W09- Course Title: Set Design and Construction

Instructors: Mr. Drew Cunningham, STA EnglishTeacher and Ms. Ava Toole, STA Music Teacher

Fee: None

Student Maximum: 12 Sessions: 4 Days- Full days Location: STA Gym/Stage

**Course Description:** This Winterterm course will help students develop hands-on experience designing and building a set for a theatrical production. Students will gain elementary carpentry and drafting skills, learn theater and workshop safety, use power tools to construct a set, and paint the set for our spring musical, Les Miserables.

W10- Course Title: The Story of Boston: A City Shaped by History and Sports Triumphs

**Instructors:** Mr. Craig Cooley, STA Theology Teacher

**Fee:** \$175

Student Maximum: 20 Location: STA, room 402 Sessions: 4 days -Full Days

**Course Description:** This course explores the rich history of Boston, from its pivotal role in the American Revolution to its rise as a city of champions. Students will examine how the city's cultural and historical roots shaped its identity, while delving into the iconic sports teams that have defined Boston's global legacy. **The course includes two trips to Boston, featuring guided tours of Fenway Park, the Boston Sports Museum, and other historic landmarks.** Discover the powerful connection between Boston's past and its championship triumphs, and how sports have become an integral part of the city's story.

W11- Course Title: Tackling E-mail and other Productivity Apps

**Instructor:** Mr. Bill Green

Fee: None

**Student Maximum:** 10 **Sessions:** 4 days- Full Days **Location:** STA Room 206



Course Description: How to Get Your Parents to Take You to Disney...Technology is all around us. Are you using it to its full potential for your personal productivity and organization? Do you battle with your email? Do you have more unread emails than the number of days you've been alive? Learn how to set up your email to get rid of unwanted emails and organize emails to help you be productive AND make your teachers and parents happy. We'll also look at how to use Google Calendar and Tasks to improve your organization. Yeah, but what about Disney? Let's use spreadsheets to gather data about options for your family's summer vacation and use that to convince your parents. Plan on going to college? Spreadsheets can help you track the colleges you're interested in and, with Google Tasks, help make sure you don't miss important dates. Got a job? Are you saving money for college? Spreadsheets can help you track expenses and do budgeting. They can also help you track your investments and track your progress towards retirement. Oh, and spreadsheets can help you calculate how many days you've been alive...

#### W12- Course Title: Whole Body Wellness

Instructor: Ms. Erin Gauthier, STA Nurse, Ms. Jess Martin, STA English Teacher and Ms. Heather Soldner,

STA Guidance Counselor

Fee: \$100

**Student Maximum:** 20 **Sessions:** 4 days- Full Days

**Location: STA TBD** 

**Course Description:** Whole Body Health is a Winterterm course designed to orient students to their wellness routines and help develop new habits, whether it be physically, emotionally, or cognitively. For emotional and cognitive health, students will learn mindfulness techniques, and breathing exercises to counteract stress. For physical health, students will have access to a daily movement class and learn about how to nourish their bodies with whole foods and recognize or eliminate toxic ones. Students will leave this class equipped with the knowledge of how to better support their whole body and make the changes they want to be healthier!

W13- Course Title: World War II Through Film

**Instructor:** Mr. Patrick Hureau

Fee: \$5

Student Maximum: 20 Sessions: 4 days- Full Days Location: STA Room 303



**Course Description:** Students will explore the pivotal events and key figures of World War II through the lens of historical films. In this Winterterm session, students will analyze the historical context of major events depicted in films such as Midway, Hacksaw Ridge, and Greyhound. Through guided discussions and critical comparisons between cinematic storytelling and historical accounts, students will deepen their understanding of the war's strategies, heroism, and sacrifices. This session will not only enhance historical knowledge but also encourage critical thinking about how history is portrayed in popular media. To accurately reflect historical events, these films contain depictions of violence, necessitating a permission slip.

#### W14- Course Title: WWJD (What Would Jesus Do)

Instructors: Mr. Holmes, STA English Teacher, Mr. Salito, STA Social Studies Teacher

Fee: None

Student Maximum: 15 (grades 11-12) Note: Participants may be required to have their own

transportation to each service site.

**Location:** STA, room 103 - majority of time expected to be off campus

**Sessions:** 4 days -Full Days

**Course Description:** WWJD is a Winterterm dedicated to giving an answer to the proposed question: what would Jesus do? To do this, our group will dedicate itself to the Corporal Works of Mercy. These actions give us a model for how to treat others as Jesus would. Our days will include a variety of serviced-based action, including but not limited to: serving meals at a soup kitchen, visiting a nursing home, revitalizing cemeteries, and more. Intermingled with our service will be opportunities for reflection and conversation about this work and what it means. The Corporal Works of Mercy include:

Feed the hungry
Give drink to the thirsty
Clothe the naked
Shelter the homeless
Visit the sick
Visit the imprisoned
Bury the dead

Students enrolled in this course may earn up to eight (8) service hours.

## **Half-Day Courses:**

AM Session: 9:00am -11:05am PM Session: 11:50am - 2:00pm

If a student signs up for an AM session, they will also need to select preferences for a PM session, and vice versa, otherwise they will be placed wherever space is available.

We will do our best to accommodate all selected preferences.



W15- Course Title: All Things Horror: An Introduction to a Classic Genre

Instructor:Mr. Bishop, STA Theology Teacher

Fee: None

**Student Maximum: 10** 

Sessions: 4 days- Half Day (AM) & (PM)

Location: STA, Room 401

**Course Description**: Ever wonder what makes a horror story work? What differentiates a good horror story from a bad one? And have you ever wanted to write your own? Then consider signing up for "All Things Horror: An Introduction to a Classic Genre." We'll read great stories, watch great films, and then practice

writing our own work.

W16- Course Title: <u>Basketball: American Sport to Global Game</u>

**Instructors:** Mr. Zach Snow, STA English Teacher

Fee: None

**Student Maximum: 18** 

**Sessions:** 4 days - Half Day (AM) & (PM)

**Location:** STA (Gym)

**Course Description:** Love basketball? Intrigued by the game? Interested in learning more? In this course, learn more about basketball basics, its history, and the major players who brought this sport into the limelight. You'll get hands-on experience too, picking up physical training techniques to improve athleticism. The physical part of this course will consist of a few training activities & drills, followed by 3 v. 3 scrimmaging, so expect to hit the court each day!

#### W17- Course Title: **Book Club**

Instructors: Mr. Reno Burnett, STA Social StudiesTeacher

Fee: none

Student Maximum: 15 each session

**Location:** STA, room 301

Sessions: 4 days - Half Day (AM) & (PM)

**Course Description:** In this winter term course, you'll have time to read a book(s) of your choosing in a quiet, relaxed environment, with refreshments, and then discuss what you like or do not like about your book(s) with other students. Between school work, sports, and other extracurricular activities, there is not much time left over for recreation reading, so this is a good opportunity to catch up with a book that you have waiting to start or finish. The only requirement is that you bring your own book(s).

#### W18- Course Title: Catholicism, Cinema, and the Transcendental Realities

**Instructor:** Mr. Wesley Becklo, STA Theology Teacher

Fee: none

Student Maximum: 20, per each session

**Sessions**: 4 days- Half Day, and will repeat AM & PM **Location**: STA, TBD Possible Campus Ministry



**Course Description**: In the Catholic Tradition, The Way of Beauty has been recognized as an alluring path that leads people who might follow it faithfully to an encounter with the Divine. The art of cinema, and how it has evolved over the last century, has proven itself to be capable of showing audiences glimpses of tremendous truths, heartbreaking goodness, and overwhelming beauty up on the silver screen. In this Winterterm offering, we will watch and discuss films which exemplify these transcendent realities in their unique expressions and forms.

#### W19- Course Title: Intro into Ethical Hacking and IT Principles

**Instructor:** Mr. Geoffrey Ness, STA Alumni

Fee: None

**Student Maximum: 15** 

Sessions: 4 days- Half day: AM Only

Location: STA, Tech Center

Course Description: Come see what makes the internet function, learn the basics of an IT network, discover career opportunities in IT, and get a peek into the craft of ethical hacking. Join STA alum and CEO of STA's IT company, Nessit, in reviewing some of the latest cybersecurity attacks in NH, what caused them and how one day you could help prevent them. Students should be interested in the field of information technology or have a strong math/science skillset.

#### W20- Course Title: Ethics in Action: Exploring Ethical Dilemmas and Theories

**Instructor:** Mr. Jude Clymer, STA Math Teacher

Fee: None

**Student Maximum: 20** 

Sessions: 4 days - Half Day (AM) & (PM)

Location: STA, room 208

Course Description: Should New Hampshire ban plastic straws? Should bootlegging copyrighted media ever be okay? While these questions may seem small, they challenge our core beliefs and values. In this half-day course, students will engage in structured debates on pressing ethical issues like these, exploring real-world scenarios ranging from bioethics to artificial intelligence. Through these case studies, students will learn about major ethical systems like utilitarianism, deontology, virtue ethics, and natural law. Using these frameworks as tools to guide their reasoning, they'll craft well-thought-out arguments, present their ideas, and engage with the perspectives of others. Get ready to think critically, debate persuasively, and challenge your ideas about what's right and wrong!

#### **W21- Course Title: Home Economics**

Instructor: Ms. Stephanie Stockwell, STA Art Teacher, Ms. Jen Dunham STA Academic Center Coordinator

**Fee:** \$40

**Student Maximum: 16** 

**Sessions:**4 days - Half Day (AM) & (PM) **Location:** STA, room ND 302 STA Art Room

**Course Description:** In this hands-on, interactive course, students will gain practical skills in budgeting, cooking, and sewing—essential tools for independent living. Throughout the course, students will explore the fundamentals of managing a personal budget, including tracking expenses, saving, and making smart financial



decisions. They will also learn the basics of food safety, from proper food storage to preventing cross-contamination, and prepare a variety of simple, nutritious meals.

In addition to financial and culinary skills, students will dive into the world of sewing. They will learn how to use basic sewing techniques to create small, hand-sewn stuffed animals, providing a creative outlet while developing fine motor skills and attention to detail.

The goal is for students to acquire basic skills that will last for a lifetime.

#### W22- Course Title: Origins of Modern Espionage: The Cold War

Instructors: Mr. Enrique López, STA Social Studies Teacher

Fee: none

**Student Maximum: 20 Location: STA, room 302** 

**Sessions:** 4 days - Half Day (AM) & (PM)

**Course Description:** This lecture-based course will focus on the study of key foundational events and turning points in the Cold War Era. This course will include a detailed look at the origins of The Cold War, its tactics, development of "Modern Espionage", and its great impact on World History. The study of these Cold War related topics will examine how the course of history was changed politically, economically, and/or culturally. Topics will include, but are not limited to: The Arms Race and M.A.D., Historically Relevant Leaders and their Financial Plans, The Foundations of The Eastern and Western Blocs, West v. East Berlin, The Cuban Missile Crisis and Intelligence, Sabotage, and Proxy Wars

#### W23- Course Title: <u>Preparing for College 101</u> Instructors: Ms. Murphy, STA Spanish Teacher

Fee: N/A

**Student Maximum:** 15 each session (10-12 Grade only)

Location: STA, room 205

**Sessions:** 4 days - Half Day (AM) & (PM)

**Course Description:** This workshop will provide tips to help make sure you're ready for every aspect of the college experience...from choosing the best fit for you, preparing your application and practicing for an interview, to developing habits to help you thrive once you're there. The time and effort you spend preparing for college now can help ease the transition and allow you to get the most out of the experience, without feeling overwhelmed by the process. The goal of this workshop is to help you college with confidence.

#### W24- Course Title: Strength & Conditioning, Strength Training & Nutrition for High Schoolers

Instructor: PJ Strebel, Owner, MaxWay Performance, Mr. David Morissette, STA Athletic Administrator

Fee: \$75

**Student Maximum: 35** 

Sessions: 4 days- Half Day, AM only

Location: STA, fitness facility. MaxWay Performance in Greenland on 4th Day

**Course Description**: This course will be 4 half days of learning and practicing strength and conditioning, learning nutritional habits and concepts for the active high school students. This will be a mixture of classroom



learning with topics ranging from: training modalities, rep range and their goals, how to build your own strength training program, basic nutritional information, nutrition habits and practical applications of nutrition. The first three days will be held at STA, with the last day being an on-site day at MaxWay Performance where the students will be able to not only see S&C theory in real life scenarios, but also train at MaxWay and have a Q&A with some of the MaxWay coaching staff.

**W25- Course Title:** <u>Taekwondo</u>

**Instructors:** Mr. Meyers is a 1998 STA Alumni with a 6th degree Black Belt in Taekwondo

Fee: N/A

**Student Maximum:** 6 **Location: Athletic Room** 

Sessions: 4 days - Half Day: PM Only

**Course Description:** Taekwondo is a Korean martial art that's not just about punching and kicking; it's a whole lot more. It's a blend of physical fitness, mental focus, and self-discipline. So, if you're looking for a way to stay fit, gain confidence, and develop skills that will serve you well in high school and beyond, Taekwondo might be the perfect choice. You'll be amazed at what you can achieve both physically and mentally. It's an adventure

waiting for you to kickstart!

# International Winterterm Trips Pre-enrollment was required for the following:

**W26- Course Title: Chile Trip** 

**Instructors:** Ms. Heather Soldner- STA School Counselor, Mr. Howard Puertas - STA World Languages Teacher, Ms. McKenzie McGrath- Communications and Marketing Coordinator, Mark Stailey - STA Parent

Fee: \$4,500

**Student Maximum: FULL** 

Sessions:

Location: Off-site - Chile, South America

**Course Description:** This trip to Chile will be a service and cultural-immersion experience. Students will spend a portion of their time engaging in various service opportunities alongside a Catholic-based mission organization in Santiago that provides resources and shelter to the homeless, those facing poverty, and orphaned



children. In a nearby city, Valparaiso, our students will also be able to live out the Catholic mission of service by assisting the rebuilding of homes damaged and affected by the 2024 wildfires. On non-service days, students will have access to explore the breath-taking landscape of Chile, including glaciers, moderate hiking trails, national parks, and pristine beaches. Students will learn about Chilean culture, practice language immersion, and a day of our trip will be dedicated to exploring the Shrine of Santa Teresa de Los Andes, Chile's first, fully canonized Chilean Saint, who will also be our patron intercessor for the trip! Students will earn a minimum of sixteen (15) service hours from this trip. *Registration for this trip took place during the summer and is now closed.* 

**W27- Course Title:** <u>Galapagos Trip</u>

Instructor: Ms. Amy Petelo - STA Science Teacher, Mr. John Rolleri - STA Science Teacher

Fee: \$5,995

**Student Maximum: FULL** 

**Sessions:** 

Location: Off-Site - Galapagos Islands, Ecuador

**Course Description:** Students will work with Ecuadorian nonprofit ECOS and the Mola Mola Student Eco Club to collect meaningful data and contribute to broad conservation efforts in the Galapagos. Students will return home excited by nature and science and equipped with a deeper understanding of the conservation issues impacting this unique ecosystem. *Registration for this trip took place earlier in the fall semester and is now closed.* 

#### **W28- CATHOLIC SCHOOLS INTERNSHIP**

Select spots will be available for students interested in serving as a student classroom aide in one of our three Catholic Elementary School partners on the Seacoast, St. Mary's Academy (Dover), St. Patrick Academy (Portsmouth), and Sacred Heart School (Hampton). Students will be responsible for supporting teachers, helping to collaborate on curriculum planning and execution, and running at least one grade-appropriate learning center or activity. This is a great opportunity for students considering a career in education! Students will earn a set number of 16 service hours for this placement. NOTE: students will be responsible for self-transportation to each school location. Additional pre-placement training may be required. An evaluation must be completed by the student and Catholic Schools site supervisor to receive credit for their internship. Students interested in this option must complete the Catholic Schools Internship Application and return it to Mr. Boudreau by Friday, December 6th, 2024.



Students are encouraged to develop their own learning opportunities through an independent study on a topic that interests them. **Independent studies must relate to the school's mission and produce a final product (paper, presentation, podcasts, website, etc.) to share with members of the school community.** All independent studies must be submitted to Ms. Soldner or Mr. Boudreau by <u>Friday, December 6, 2024</u> using the Winterterm Independent Study Application form. The final product is due to Mr. Boudreau by Friday, March 14, 2025. <u>Students interested in this option must complete the Winterterm Independent Study Application</u>.

#### **W30 - WINTERTERM INTERNSHIPS**

Students are strongly encouraged to participate in an internship or career shadow opportunity that pertains to their potential field of study. Self-arranged internship applications must be submitted to Ms. Soldner or Mr. Boudreau by December 6, 2024 using the Winterterm Internship Application form. Internship students must produce a final product (paper, presentation, podcasts, website, etc.) to share with members of the school community. The final product is due to Mr. Boudreau by Friday March 14, 2025. An "Evaluation form" must be completed by the student and site supervisor to receive credit for all internships.

Internships in previous years have included areas of interest in physical therapy, pharmacy, oral surgery, veterinary science, business administration, aeronautical engineering, and fire rescue.

## Any Winterterm Proposals submitted AFTER December 6, 2024 may not be considered.

# Winterterm 2024-25 Independent Study Application Form

Our mission statement reminds us that St. Thomas Aquinas High School transforms the lives of our students through Catholic education, an education that offers them the opportunity to develop their unique gifts. WinterTerm affords our young men and women the chance to widen their learning horizons, step outside of the traditional instructional atmosphere and pursue an area that interests them intellectually.

Students, we invite each of you to **challenge** your mind, **support** your passion and **transform** your perception of learning so that you may fully embrace what promises to be a remarkable educational experience.

#### PERSONAL DATA



Na	ame	Class of		
Cell Phone		Advisor		
IN	NDEPENDENT STUDY PROPOSAL (submit a	separate page to Mr. Boudreau by 12/6/24)		
2. 3. 4.	Please describe the purpose of your independent study. How does the purpose relate to the school's mission?  How does this expand your knowledge from what you have learned at St. Thomas Aquinas?  Please describe what you will gain from this experience.  What resources and materials will you use to complete your independent study?  Please describe the final product (paper, presentation, podcast, website, etc.) you will create. (Be prepared to present this to members of the school community)			
Hi	y signing below, you agree to conduct yourself with appeal gh School. This application is due to Mr. Boudreau by I., 2025.	-		
Pai	rent Signature:			
Stu	udent Signature:			
*	pproved by Principal (or designee): YES			
Sig	gnature:	Date:		
	Winterterm Internship A	pplication Form 2024-25		
thr Wi	ar mission statement reminds us that St. Thomas Aquina rough Catholic education, an education that offers them interTerm affords our young men and women the chanc aditional instructional atmosphere and pursue an area that	the opportunity to develop their unique gifts. e to widen their learning horizons, step outside of the		
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PE	ERSONAL DATA			
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**INTERNSHIP** - The internship may be service based, vocational, job sharing, or a learning experience encounter. Students must complete a minimum of 16 hours during WinterTerm week. The dates are March 4-7, 2025.

If you have a location/internship that you have four	nd on your own, please complete the following information:
Name of Company	Location
Point of Contact	Phone
Internship field	
Who would you shadow?	
What will you be learning?	
	website, etc.) will you create about your experience? (be community)
Why are you interested in this internship?	
PLEASE NOTE: it is the responsibility of the parer the internship.	nt(s) to determine the methods of transportation to and from
	ith appropriate behavior consistent with St. Thomas Aquinas onscientious. Dress code is expected unless prior approval is
Parent Signature:	



Student Signature:				
********* *****	*******	*******	******	**********
Approved by the Prin	cipal (or designee):	YES_	NO	
Principal Signature: _			Date:	
Winte	rterm 2025 I	nternship Su	pervisor	Evaluation
Student Name:			Class o	of
Internship Site:				
Site Supervisor's Na	me:			
Telephone:		E-mail:		
Dates of Internship:	to	Approximate	hours comple	ted:
Please circle	that best option that d	escribes the student a	nd provide com	ments when possible.
Always	wed directives and inst Most of the time	Irregu	ılarly	re, politeness) Seldom
2. The student made Always	e himself/herself availa Most of the time	ble to participate in v Irregularly		'dom



3. Please rate the quali Outstanding Comments:	Good	Fair		Poor	
<b>4. Please rate the stude</b> Outstanding  Comments:	Good	Fair		Poor	
Comments.					
5. Please rate the stude Outstanding Comments:	Good	Fc	air	Poor	
Please Turn Pag	ge				
<b>6. Would you work wi</b> <i>Would prefer not</i>	_	in? 3	4	5 Absolute	ely!
Comments:					
7 W 11	ation/business be w	villing to host STA	A students in t 4	he future?  5 Absolute	elv!
7. Would your corpor	to 1 2	3	-		



	Please turn in forms by Friday, March 14	th 2025 to Mr. Boudreau	
Printed Name: _			
Signature:		<b>Date</b> :	

St. Thomas Aquinas High School 197 Dover Point Road, Dover, NH 03820 603 742 3206 fax 603 749 7822 attendance@stalux.org www.stalux.org