



Winterim Catalog



2019-2020

Inspiring Girls to Lead Lives of Purpose

Table of Contents

Winterim at AGS: Philosophy and Expectations	2
List of Courses	3
Winterim Course Descriptions	4-13
Guest Teacher Biographies	14 & 15
Winterim Schedule Grid	16
Course Request Form	17

Registration Guidelines

A course planning worksheet can be found at the back of this catalog. Students, with their parents, are encouraged to use this to write down their course preferences prior to registration November 7th. Registration will take place via Blackbaud during Advisory and advisors will keep a copy of their choices.

Students must sign up for two courses in each category. Students will receive official schedules before winter break.

Winterim at AGS

Winterim is a two-week long term beginning immediately after Winter Break and concluding the Friday before MLK weekend. Students take four 1.5-hour classes each day. At its inception, Winterim was designed as a way to allow students to encounter topics that they might not otherwise encounter in school, to spark a new passion or hone an existing one, and to try something “new” in a less stressful environment.

As we think about what it means to be purpose-built for girls and as we look to the strengths of character, competency, and reflection that we want to instill, we have the opportunity to build a very intentional curriculum for our students, with classes that, in many creative ways, build the qualities that we want to see in an AGS graduate.

COURSE PHILOSOPHY

Various course offerings reflect the collaborative design-thinking approach to STEAM that has been a core value in our interdisciplinary curriculum. Students are invited to take a deep dive into rigorous content, including exploring AP topics; look inward to find ways to care for themselves; and look out into the world to make global connections.

Experiential learning classes provide opportunities for community collaboration that cultivate new interests, performance, service, awareness of diversity, hands-on making, or design work, as well as fitness, wellness, and personal growth. We are excited about several new offerings this year and the opportunity to grow and strengthen the program.

DATES

Winterim 2020 runs from Monday, January 6th through Friday, January 17th. The Winterim school day runs from 8:00 am to 3:05 pm (Mondays –Thursdays) and 9:00 am to 3:00 pm on Fridays.

STANDARDS

During Winterim, the school will continue to expect, both on and off campus, the same conduct that is expected of AGS students throughout the school year. Please review the Community Handbook for details.

DRESS

Students are not required to wear their AGS uniforms but must follow guidelines for appropriate dress. Students will have time to change attire depending on their course activities.

ATTENDANCE

Students will attend all classes and activities. The policy for absences during Winterim is the same as during the regular school year, as defined in the Community Handbook.

COURSE SCHEDULING

Students will take a total of four blocks per day during Winterim. Students are expected to choose a variety and balance of courses.

For courses with additional fees, please submit a check to Sara Fisher, Registrar, by Friday, December 13, 2019.

Winterim classes are not formally graded; however, we encourage teachers to provide informal feedback during the two-week period.

List of Courses

Looking In

- Conditioning****
- Connecting the Dots (Study Skills)
- Dance: All Life Is A Journey
- Eye of the Hurricane: Finding Calm in the Storm
- Let's Step
- MS Basketball ***
- Queer Eye
- Self Defense - Anticipation and Preparation
- Soccer Skills****
- Swim Team***
- Workout & Wellness

Looking Out

- A day in the life... Entrepreneurship 101
- Adulthood 101
- Basics in Baking
- Building a Hydroponic Garden
- Craftivism: Crafting for Good
- Drone Programming and Racing
- Eat, Play, Love
- Empowered Women - Empowering Women
- Exhibit Design @ ATL Girls' School
- Explorations in Fiber Arts
- Inside ATL 5.0
- Interviews with Horrible Men
- It's Sew Easy: Intro to the Sewing Machine
- Make Your Own Board Game
- Mold Making for Ceramics
- Origami, the Science and Art of Paper Folding
- Jewelry Making with Polymer Clay
- Social Justice: Issues and Activism
- The Power of Puzzles
- Wheeling with Isabella

Deep Dive

- Anatomy & Physiology
- AP Biology****
- AP Spanish***
- Careers and Leadership in Geography****
- Cinéma du Monde Francophone****
- Circuits***
- Design for Women's Equality
- Digital Photography
- Disney/Pixar: Using STEAM to Power a Story
- Infinite Series***
- Informed Decision Making***
- Learn the Basics of Auto Mechanics
- Literacy Thru Drama: The Worst Play Ever Written!
- LITTLE MERMAID: Spring Musical***
- Poetry Workshop
- SAT/ACT Prep \$\$**
- Science Engineering and You!
- Science is Awesome
- Spanish in action
- Swarm Robotics: From Social Insects to Teams of Robots
- Teenage Drivers Education \$\$**
- The True Cost of Fast Fashion
- Water!***
- Web Development
- Yearbook***

*Required course

**Strongly recommended

\$\$ Associated cost

2020 Course Offerings

Looking In: These classes provide girls with opportunities for fitness, wellness, or personal growth. They highlight these characteristics of our portrait:

- Self-Awareness—understand the power and responsibility of your own voice
- Adaptivity—persist and find success with flexibility
- Responsivity—advocate with an open mind and willingness to try
- Empathy—adopt the viewpoint of others
- Health—exercise good choices for mind, body, and relationships

Conditioning**

This course is for anyone who wants to take her fitness to the next level. This class uses Crossfit style training and is taught by a Crossfit Level 1 trainer. You will be introduced to a variety of exercises, including Olympic lifts such as the back squat, power clean, and clean and jerk. You will also be exposed to kettlebells, slam balls, and plyo boxes which may be used during that day's WOD (workout of the day). Expect to push yourself physically out of your comfort zone. A good attitude is mandatory for this class!

Open to Upper School Students

Instructor: Coach Stacy Floyd

Connecting the Dots (Study Skills)

This class will introduce you to the structure of effective and efficient study habits. Crossing all subject areas, we will work to build skills to answer the questions, "How am I supposed to remember ALL this stuff?" "Why do I spend SOOOO much time preparing and then I don't do well?" "There's so much information to study - what actually matters?"

We will get down to business and make meaning of all the great things we learn at AGS!

Open to Middle School Students

Instructor: Ms. Gaela Peters

Dance: All Life Is A Journey

This course will demonstrate the basics of Modern, Hip Hop, and Theatrical dance through strategic material distributed by instructor. At the end of this course the goal for the students is to be able to build a sense of confidence, understanding of their body and how it moves through emotion, as well as there will be a performance to express what was obtained and taught.

Open to All Students

Instructors: Ms. Sundayah Reid & Mr. JT Butler

Eye of the Hurricane: Finding Calm in the Storm

Grab a cup of herbal tea and a yoga mat and come explore a variety of meditation practices and benefits. This class will include guided meditation with Deepak Chopra, mindfulness, visualization, Kundalini/chakra, and theta/megahertz meditation. Students will reflect about their experiences, change, and growth in private journals and fishbowl conversations.

Open to All Students

Instructor: Ms. Dori Thurman

Let's Step!

Stomp! Clap! Pat! Snap! Move! Where did it originate? Dive deep into the history of steppin' and what it means to step. During this time, you will

learn moves from your instructor while creating some of your own.

Open to All Students

Instructor: Ms. Sara Fisher

Middle School Basketball*

This class is for Middle School students who are on the Gold and Blue basketball teams.

Required for Middle School Basketball Players

Instructors: Coach James Campbell & Coach Jessica Forte-Paul

Queer Eye

Take a look at the world through a queer lens. What does the queer community look like around the world and in our own backyard? More importantly, what can you do to help? Queer Eye will dig into current events and advocacy and discuss the Atlanta queer community and organizations. We will host discussions, travel to local organizations, and think of how to best serve the AGS community.

Open to Upper School Students

Instructors: Mr. Nic Silvestri & Coach Forte-Paul

Self-Defense – Anticipation and Preparation

It is essential for young women that the fundamentals of self-defense are taught in an open, non-threatening and practical environment. In this course, students will be taught the basics of a self-defense mindset and how it applies to decision making, an understanding of predatory behaviors and ‘watch outs’, as well as practical workouts that will build a base of both offensive and defensive techniques. Participants will be expected to participate fully in the physical elements of this course.

Open to 10th – 12th Grade Students

Instructor: Ms. Melissa Johnson

Soccer Skills**

Whether you have been playing soccer all of your life or you don't even know what a cleat is, everyone can learn something in this course. Each day, we'll focus on a particular skill, like dribbling, shooting, or defense. We will also have plenty of scrimmage opportunities each day. All students seeking to play varsity soccer this year should sign up for this course.

Open to All Students

Instructor: Mr. Ric White

Swim Team*

This class will serve as swim team practice for the Middle School and varsity swim teams.

Required for Current Swim Team Members

Instructor: Coach Cat Stansbury & Coaches

Workout & Wellness

This course will demonstrate to middle school girls that exercise can be fun through games and workouts. We will have discussions on wellness, while thinking about yourself and the people around you. We will have open and honest discussion about problems people face in day to day life.

Open to 7th & 8th Grade Students

Instructor: Ms. Clare Wheeler

Looking Out: These experiential learning classes provide opportunities for community collaboration that cultivate new interests, performance, service, awareness of diversity, hands-on making, or design work. They highlight these portrait characteristics:

- Authenticity—present your true self
- Compassion—serve for the benefit of others
- Resilience—possess courage and lead with confidence
- Ethics—act with honor and integrity
- Generosity—practice giving with a gracious attitude

A day in the life... Entrepreneurship 101

It looks easy! Pick an item or service and sell it!!! Ummm... yeah. No! Being an entrepreneur is more than a #TodaysOffice post. It's important to know your audience, know your product or service and everything in between. Take a class with a business owner who took her passion and turned it into profit (all while taking a few losses and a lot of wins!).

Open to 8th-12th Grade Students
Instructor: Ms. Brandi Shelton

Adulting 101

Yes, it's true—there will come a time when you will be on your own. "Adulting" can be hard, but the skills you need are easy to acquire. This course will give you practical skills for taking care of yourself and your needs. Participants in this course will learn how to grocery shop, cook healthy meals in the microwave, handle basic first aid, do simple sewing, and much more.

Open to Middle School Students
Instructors: Ms. Amber Player, Ms. Julie Hall, Ms. Becki Leeds & Ms. Annie Jestus

Basics in Baking

Basics in baking will inform students about kitchen safety, baking ingredients, and how to put them together to create wonderful baked goods.

Open to 8th & 9th Grade Students
Instructor: Chef Bill Lipscomb

Building a Hydroponic Garden

Learn how to build a Hydroponic Garden. We will learn the steps, shop for supplies, and build one

outside near the garden area. Then we can watch our plants grow throughout the year.

Open to 10th – 12th Grade Students
Instructor: Ms. Becki Leeds

Craftivism: Crafting for Good

This course allows students to explore the worldwide movement of craftivism, when crafting and activism collide. In this course, students will learn about the craftivism movement, and create and discuss a handmade craft that advocates a social cause of her choosing. Students with basic crafting experience are welcome to take the course, as she will enhance her skills to promote positive change in our world.

Open to 8th – 10th Grade Students
Instructors: Ms. Shetal Shah & Ms. Lisa Ríos

Drone Programming and Racing

Want to learn the ways of the future and how drones work? Come learn what it takes to get off the ground. Drone Programming and Racing is an introductory course to programming, flying and racing small drones. Throughout the course you will learn how to code autonomous programs and use an app controller to fly drones through a competition level obstacle course. The class will end with you designing, building and testing your own obstacle racing course.

Open to Middle School Students
Instructor: Ms. Lisa Ríos

Eat, Play, Love

Relax, refresh, and learn to live and feel better. With a wide range of activities including smoothie making, tea-tasting, yoga, chocolate making, documentary

screenings, preparing foods, and practicing mindfulness, we will seek to find balance.

Open to All School Students

Instructors: Ms. Amoy Walker & Ms. Joy Gray Prince

Empowered Women - Empowering Women

Students who take this course will be introduced to a variety of women in the Atlanta area. They will share their stories of success, challenges and how they have worked to combine passion with purpose. Each day there will be a different speaker.

Open to Upper School Students

Instructor: Ms. Ayanna Hill-Gill

Exhibit Design @ ATL Girls' School

Come hang out with MODA to learn the fundamentals of exhibition design. During the workshops, we will be learning about the role of prototyping, and how exhibits have the power to communicate ideas. We will have some hands-on time in museums and galleries around Atlanta to look, explore and talk about different ways curators use space to communicate ideas and content. Back on campus, we will be designing a collaborative installation.

Open to Middle School Students

Instructor: Ms. Alice Vogler

Explorations in Fiber Arts

Let's play with yarn! Students will learn to create textiles using in knitting, crocheting, and felting. They will explore the history of these crafts, as well as some mythology and literature that relate to them. They will also explore the concept of handiwork as a form of meditation and use it as a means to relax and "unwind." They will learn the basics of knitting,

crocheting, or felting and will then undertake one larger project in the medium of their choice.

Open to All Students

Instructors: Ms. Jennifer Halicki & Ms. Kerry Smith

Inside ATL 5.0

We are fortunate to live in a vibrant metropolis where there is so much to explore. Step outside your comfort zone and see our city in a whole new way. This year, in celebration of our fifth year, Inside ATL will go back to its roots: exploring the unconventional spots of Atlanta. Transportation and entrance fees will be provided. Students will have the opportunity to purchase food, souvenirs, etc. with their own money. *THIS IS A DOUBLE BLOCK COURSE.*

Open to 8th– 12th Grade Students

Instructors: Ms. Roz Byrne & Ms. Susan Joss

Interviews with Horrible Men

Academy Award-winning director Errol Morris has made a series of documentaries which are largely interviews with men who, if not horrible, have done horrible things, including Robert McNamara, Donald Rumsfeld and Steve Bannon. Morris is not overtly hostile to his subjects but allows them to reveal their own failures and misdeeds. Why do these men, especially after the McNamara film, agree to be recorded? Narcissism? Arrogance? Is the camera irresistible? Is the title adjective redundant?

Open to Upper School Students

Instructor: Mr. Jim Pettit

It's Sew Easy: Intro to the Sewing Machine

Learn the basics of using a sewing machine (winding bobbins, threading machines, fundamental stitches, etc) and reading and sewing from a pattern. All students will create basic projects to apply their developing skills. NOTE: sewing requires patience, focus, attention to detail, and a willingness to work slowly and methodically. This course will provide students with the equivalent instruction, practice, and skills development of an introductory sewing class.

Open to 8th-12th Grade Students

Instructor: Mr. Will Linares

Make Your Own Board Game

Ever gone to Target or Wal-Mart, looked at the board game section, and thought that you could make something even better? Now you can! In this class, you will learn more than you ever thought possible about board games, and then develop one of your own! We will work alongside real designers and publishers to get a real understanding of what it takes to get a game from idea to store shelves. Who knows? Maybe we'll see your game next to Scrabble and Apples to Apples in the near future!

Open to 6th- 9th Grade Students

Instructors: Ms. Amber Player & Mr. Ric White

Mold Making for Ceramics

Learn basic ceramic mold making techniques, create at least 2 molds, and cast several pieces from the molds that will then be fired and glazed or could be combined to create greater visual interest in a larger sculptural piece.

Open to Upper School Students

Instructor: Ms. Rebecca Layson

Origami: The Science and Art of Paper Folding

Have you ever wanted to learn how to create cool shapes from paper folding? Are you curious about how they even come up with those designs? In this class, we are not only going to learn and practice specific origami creations, but we will learn the science and math behind it and how it works. Join us in making beautiful creations!

Open to All Students

Instructor: Ms. Becki Leeds

Jewelry Making with Polymer Clay

Accessorizing is one of the easiest ways to express yourself but buying all kinds of jewelry and other accessories can get pricey pretty quickly. In this course, we will learn how to use a special type of clay to make pieces that help us express ourselves. Good news: this clay is really easy to find in craft stores, so you can continue making pieces even after the course is over!

Open to Middle School Students

Instructors: Ms. Annie Jestus & Ms. Rebecca Layson

Social Justice: Issues and Activism

Have you watched current events involving racism, sexism, or homophobia in shock? This class will tackle issues of race, class, gender, and religion and explore how our differences sometimes create tension in society. Students will explore their own identities, share stories, research different points of view, and think creatively about ways they can bring about social change. Each student will leave the class with ideas about positive steps that she can take to help overcome these obstacles.

Open to 8th – 12th Grade Students

Instructors: Ms. Jennifer Halicki & Ms. Shetal Shah

The Power of Puzzles

Let's look at the world through the power of PUZZLES! We will explore the concepts behind logic puzzles, spatial reasoning, and brain games of all kinds. We will build up our own decision-making skills and ability to independently and collaboratively solve brain busters and mental mazes. Puzzles have Power!!

Open to 6th & 7th Grade Students
Instructor: Ms. Gaela Peters

Wheeling with Isabella

Basic throwing skills will be taught, as well as design and decorative techniques for functional pottery forms. The goal will be for each student to destress, get dirty, and create mugs.

Open to 12th Grade Students
Instructor: Isabella Newberg
Faculty Sponsor: Ms. Rebecca Layson

Deep Dive: These intellectually rigorous, deep-dive classes offer robust interdisciplinary, design, maker, or STEAM elements. They highlight these portrait characteristics:

- Logic and Creativity—solve problems thoughtfully
- Communication—speak publicly with confidence; express yourself through writing
- Cultural Intelligence—understand global perspectives and values
- Collaborative Solutions—work effectively with others of diverse viewpoints
- Discernment and Prioritization—make good decisions, personally and academically

AP Bio Labs**

Students enrolled in AP Biology will use this time to dive deeper in required topics, practice writing and grading FRQs, complete labs, and cover supplemental topics. While this course is not required for AP Biology students, it is strongly encouraged to help set the foundation for a successful AP Biology exam experience.

Strongly recommended for current AP Biology students
Instructor: Ms. Krista Parker

AP Spanish*

The main objective is to review and reinforce student's knowledge by increasing their vocabulary, sharpening their grammatical skills, expanding the student's written abilities and improving their oral proficiency. The entire course will be devoted to completing practice tests with special emphasis in function words and verbs. The students will use the workbook Preparing for the AP language course along with tapes and old AP exams for practice.

Required for current AP Spanish students
Instructor: Ms. Aury Bravaldo

Careers and Leadership in Geography**

Are you interested in public health? Epidemiology and disease? Immigration? Girl power on a global scale? In this course, you will have the opportunity to listen to and engage with specialists in these fields. Build your understanding of these issues and become part of the global problem-solving efforts to create a safe, sustainable, and equitable future.

Open to 10th-12th Grade Students
Strongly recommended for students enrolled in AP Human Geography
Instructor: Ms. Kerry Smith

Cinéma du Monde Francophone**

Students will explore modern French cinematic movements of the 20th and 21st centuries. We will discuss quintessential themes of French film and watch 5- 6 films. After viewing the films, we will engage in journaling and small group discussion of the prevalent themes and compare/contrast the American and French cinematic styles, and some of the emotional dilemmas presented in the films.

Open to 8th grade students with instructor recommendation. Open to Upper School Students. Strongly Recommended for students currently taking AP French.

Instructor: Ms. Dori Thurman

Circuits*

Students will learn how battery-powered electric circuits work. They will use light bulbs, batteries, resistors, and more to investigate the factors that affect current, resistance, and voltage. They will learn to use meters to measure voltage, current, and resistance and learn how they are related to each other. Prior physics knowledge is not required.

Contains AP content.

Open to 10th – 12th Grade Students

Required for students currently taking AP Physics.

Instructor: Dr. Suzy Beckham

Design for Women's Equality

Women wage a long brave fight for equal rights. It's often been loud and sometimes quiet. Design makes these movements more powerful. Historians describe two waves of feminism: the first in the 19th century, growing out of the anti-slavery movement, and the second, in the 1960s and 1970s. It has paved the way for runs for president, joining the Supreme Court, feminist magazines, "The Squad," and more.

Join me for a visual look and discussion on how design plays a part in these movements.

Open to All Students

Instructor: Ms. Lisa Babb

Digital Photography

We will cover the basics of digital photography including camera operation, reading a histogram, and making non-destructive image edits in camera RAW. We will also discuss and create composite images in Photoshop and learn how to prepare images for print. Owning a digital camera is helpful but it is not required to take this course.

Open to All Students

Instructor: Ms. Rebecca Layson

Disney/Pixar: Using STEAM to Power a Story

Disney and Pixar are known for their memorable storytelling, but few realize the work the writers and animators put into getting the details right. These studios do deep research and rely heavily on STEM to tell their stories, but the films are also works of art. In this course, we will analyze clips from Finding Nemo, Coco, Tangled, and more for successful elements of the writing craft along with the STEM required to achieve these films' authenticity before creating an original storyboard.

Open to Upper School Students

Instructors: Ms. Amber Player & Ms. Lisa Ríos

ExcelLent

Inside your computer is a program with powerful features that so many people ignore. This program can store and analyze information, solve math problems, and create images, amongst many other things. You may be asking yourself, "What is this mysterious, magical program, and why do people ignore it?". Good news: that program is called Excel (or Google Sheets). Bad news: people often don't realize the depths of Excel's powers! In this course, you will become masters of this very powerful tool.

Open to 6th-10th Grade Students

Instructors: Ms. Annie Jestus & Ms. Julie Hall

Infinite Series*

Students will learn about infinite series and how to determine if the sum of a particular series converges to a number. Students will learn how to write familiar functions as infinite series. They will discover the power of infinite series in estimating solutions in calculus that are otherwise impossible to determine. Contains AP content.

Open to students currently enrolled in calculus or higher. Required for students currently taking AP Calculus BC.

Instructor: Dr. Suzy Beckham

Informed Decision Making*

This **required course** provides 9th graders information promoting AGS strong decision making about reproductive health, drugs, and alcohol. Students will study the science of reproductive health and drugs, while thoughtfully exploring their parents' and their own attitudes about the responsibilities that come with freedom. Girls will learn how to keep themselves and their friends safe by using knowledge to prevent pregnancy, the contraction of sexually-transmitted diseases, alcohol-related death, destruction of reputations and self-respect, and drug addiction.

Required for 9th Grade Students

Instructor: Nurse Robin Newberg

Intro to Anatomy & Physiology

Basic overview of anatomy and physiology and how body systems interact with one another.

Open to All Students

Instructor: Carisa Hines Moore, MD

Learn the Basics of Auto Mechanics

It can be difficult to make your own auto repairs if you don't know the basics. Mechanics have their own lingo, tools, and specifications that anyone can learn. Topics covered include oil changes, tire changes, replacing headlight bulbs and spark plugs, and even topping off your windshield washer fluid. Whether it's an emergency or routine maintenance, this class will give you some hands-on exploration about some car repairs that you can easily do yourself with just a few tips.

Open to 10th – 12th Students

Instructors: Mr. Will Linares, Mr. Will Hill & Mr. Francis Saint-Hilaire

Literacy Thru Drama: The Worst Play Ever Written!

Two Atlanta Shakespeare Company actors will conduct a crash course in dramatic writing's most essential literary devices and facilitate students in writing their own production of "The Worst Play Ever Written!" (Based on Broadway's "The Play That Goes Wrong") Students will have the opportunity to explore comedic acting and stage combat techniques in order to bring their creation to life in a final performance showcase. Student writers, actors and designers welcome!

Open to Middle School Students

Instructors: Ms. Kati Grace Brown & Mr. Sean Kelley

LITTLE MERMAID: Spring Musical*

"The Little Mermaid is a beautiful retelling of the classic story. The Disney-Broadway show will rehearse singing, acting, and dancing for all cast members. Crew will work on building set and props for use in the show. THIS IS A DOUBLE BLOCK COURSE.

Required for Musical Participants

Instructors: Mr. Nick Silvestri, Ms. Barbara Uterhardt & Mr. JT Butler

Poetry Writing Workshop

This course will be a combination literature/writing class. Students will create 4-5 new poems based on assignments in class and read a broad and diverse portfolio of world poetry. We'll discuss students' work and provide feedback. It'll be fun.

Open to Upper School Students
Instructor: Ms. Danielle Hanson

SAT/ACT Prep \$\$

Whether you choose to take the ACT or SAT, your standardized test scores will be a crucial element of your college application. In this course, you'll learn the concepts and strategies needed to know where to begin your prep process and achieve your best score. We will study the ACT and the SAT, paying special attention to the areas in which the tests differ. The class will conclude with a mock ACT exam given at AGS on Saturday, January 18th from 7:30am to 12:30pm. You will receive both ACT and SAT prep books to continue your studies. **Payment is due Friday, December 13th.** Checks should be made payable to AGS and given to Ms. Sara Fisher. Enrollment Cost: \$395

Open to 9th – 11th Grade Students
Instructor: Mr. Scott Shepherd

Science, Engineering, and You!

Are you interested in science and engineering? Have you ever wanted to make tiny robots or magnetic slime? Then this course is for you! We will learn about science and engineering through fun hands on activities. You will get to use your creativity and problem-solving skills to complete STEM projects in a collaborative environment. Classes will be run by Georgia Tech Graduate and Undergraduate students. Come prepared to learn and play!

Open to Upper School Students
Instructor: Ms. Monica Marks & GaTech MSE Dept

Science is Awesome

Get ready to have fun in the labs! Each day young scientists will engage in a different activity and understand just a little more about WHY things work the way they do. We will make slime, invisible ink, chromatography t-shirts and some tasty treats. Students will use science process skills along the way while they learn and have fun. Why take this Winterim class? Because Science is AWESOME!

Open to Middle School Students
Instructors: Ms. Melissa Hankinson & Dr. Suzy Beckham

Spanish in Action

Want to boost your conversational Spanish? Would you like to know more about the Hispanic culture? Do you want to cook "Comida Latina", learn how to dance some Latin rhythms and sing some Spanish songs? In this course students will increase their daily conversational Spanish by using the appropriate vocabulary in different situations. A visit to the Plaza Fiesta Mall is planned during this course.

Open to 7th-9th Grade Students
Instructors: Sra. Aury Bravaldo & Sra. Mayre Kile

Teenage Driver Education \$\$

Taggart's Driving School will teach driver education consisting of 30 hours of classroom instruction. Students must schedule their in-car lessons with our office within 60 days of completion of the start of the course and complete their in-car lessons within 6 months of the start of the course. This course includes the state mandated four-hour alcohol and drug program (ADAP). This program meets the state requirements for Driver Education. For more information about the program, visit: www.TaggartsDrivingSchool.com.

Payment is due Friday, December 13th. Checks should be made payable to Taggart's Driving School and given to Ms. Sara Fisher. **Enrollment Cost: \$495**

THIS IS A MORNING DOUBLE BLOCK COURSE. Friday morning course will begin at 8:45am.

*Open to Upper School Students
Instructor: Taggart's Driving School*

Swarm Robotics: From Social Insects to Teams of Robots

Ever wondered how birds fly together without bumping into each other or how schools of fish swim together in beautiful formations? This course investigates how to make large teams of robots move together in useful and elegant ways based on lessons learned from biology in general, and social insects in particular. The topics that will be covered include: 1. How to move together without colliding? 2. How to describe a swarm using math? 3. How to program robots to act like ants or bees?

*Open to 10th-12th Grade Students
Instructor: Mr. Magnus Egerstedt*

The True Cost of Fast Fashion

Pull back the curtain on the fashion industry. Participants will watch the 2015 documentary The True Cost and deepen their understanding of the industry with research of clothing factories and environmental effects of the growing industry of inexpensive clothing. Participants will learn how their decisions affect our global community and ways to help foster change through upcycling and thrift store shopping.

*Open to Upper School Students
Instructor: Ms. Jenny Cockrill
Student Assistants: Lelia Tolbert & Courtney King*

Water!*

Have you ever stared at the drain of your shower and wondered where the water goes? Did you ever wonder how one state can own the water the flows into another state? Take a deep dive into Atlanta's water quantity and quality through guest speakers, field trips and activities that challenge you to take steps towards building a more sustainable world.

*Required for AP Environmental Science Students
Open to 11th – 12th Grade Students
Instructor: Ms. Melissa Hankinson*

Web Development

Have you ever looked at your favorite blog, online shop, or educational website and wish you knew how it was made. In this course we will begin to understand the code that makes a website look appealing and makes it function. during these two weeks you will work in a collaborative setting to build your own website while learning a bit about the history of code.

*Open to 7th- 10th Grade Students
Instructor: Ms. Becki Leeds
Student Assistant: Carter Sessions*

Yearbook*

The yearbook staff is responsible for planning and executing the AGS yearbook. Interests and skills that come into play involve all elements of design, layout, fonts, cropping, photography, writing, and proofing. We will be creating a wonderful yearbook for all to enjoy at the end of the school year.

*Restricted & required for Yearbook Staff
Instructor: Ms. Sara Fisher*

Community Leader Biographies

Lisa Babb is a Graphic Design Educator at the collegiate level for eighteen years. In addition to serving as Assistant Director for MODA, she is a Lecturer at Georgia Tech in the Industrial Design Department, specializing in Graphic Design. Lisa has more than twenty-five years experience in the Graphic Design Industry both in Atlanta and New York. She holds a Masters Degree from Pratt Institute and a Bachelors from Baruch College. She lives by the mantra “if you want a better world, make one” and truly believes that design and especially design education is one of the few things that can change lives. Once you have graphic literacy and can really see, it is hard to even blink.

Kati Grace Brown Kati Grace has been a professional actor and director with the Atlanta Shakespeare Company since 2007. She has been teaching Winterim at AGS on and off since 2010. Favorite roles onstage have included Beatrice, Helena and Juliet. Favorite directing credits include A Midsummer Night's Dream, Twelfth Night and Othello.

Dr. Magnus Egerstedt is a robotics professor at the Georgia Institute of Technology, where he currently serves as the Chair for the School of Electrical and Computer Engineering. Previously, he was the Director for the Institute for Robotics and Intelligent Machines at Georgia Tech, overseeing one of the largest robotics institutes in the nation. He received the M.S. degree in Engineering Physics and the Ph.D. degree in Applied Mathematics from the Royal Institute of Technology, Stockholm, Sweden, the B.A. degree in Philosophy from Stockholm University, and was a Postdoctoral Scholar at Harvard University. Dr. Egerstedt conducts research in the areas of swarm robotics, with particular focus on distributed machine learning, decision making, and coordinated controls, and he has received a number of teaching and research awards for his work in these areas.

Danielle Hanson is the author of *Fraying Edge of Sky* (Codhill Press Poetry Prize, 2018) and *Ambushing Water* (Brick Road Poetry Press, 2017, Finalist for Georgia Author of the Year Award). She is Poetry Editor for Doubleback Books and is on the staff of the Atlanta Review. More about her at www.daniellejhanson.com.

Chef Bill Lipscomb is the Executive Pastry Chef at East Lake Golf Club. After earning a degree in Physics from Hampton University, Bill discovered his true passion for culinary arts and decided to attend Ecole L'Enotie in France, where he studied baking and pastries. Prior to his position at East Lake Golf Club, Bill was the assistant pastry chef at Capitol City Club in Atlanta and adjunct instructor at Le Cordon Bleu Culinary College and the Art Institute of Atlanta. Fun fact: Chef Lipscomb was a 2 time competitor on the Food Network's Holiday Baking Championship.

Melissa Johnson is a 4th degree black belt in the Korean self-defense based art of Hapkido, and has been an instructor of women's self-defense courses for 15 years. Melissa has practical experience teaching teens and age-appropriate self-defense classes, as she is the primary instructor for the Hapkido Teens program at Black Knight Martial Arts.

Dr. Carisa Hines Moore is a native of Virginia. She completed her degree in Chemistry at The University of Virginia and graduated from Meharry Medical College. After completing residency at Atlanta Medical Center, Dr. Hines Moore has worked in Internal Medicine and Emergency Medicine for the past 20 years.

Monica Marks was born and raised in San Diego, California. She graduated from the University of California, Riverside with a B.S. in materials science and engineering. There she worked on plasmonic gold nanostructures. In 2015, she interned at Solvay Specialty Polymers in Alpharetta, where she worked

on polymer nanocomposites. She is currently a Graduate Partner for W.S.T. (Women in Science and Technology), where she runs the outreach program GEMS (girls excelling in math and science) at Inman Middle School. She is co-advised by Dr. Kalaitzidou and Dr. Gutekunst and working on antimicrobial silicone.

Isabella Newberg is a current senior and has been doing ceramics/3D art since 7th grade.

Jim Pettit is the parent of former AGS student. Ex-Lawyer, ex-community organizer, writer, rabble-rouser. Jim has a B.A. in English from Williams College and a J.D. from the University of Michigan Law School.

Brandi Shelton is the creator and owner of Just Add Honey Tea Company, thoughtfully blended loose leaf teas since 2006. In her past life, she's been a wardrobe and prop stylist for print and commercial advertising, managed a bank, and received a degree in biomedical engineering. The tea lady title has been her biggest accomplishment as she juggles

two retail cafes in Downtown Atlanta, teaches workshops around the world, and is a wife and mother to three amazing people.

Alice Vogler is an educator, time-based artist, and curator. She has lived and traveled all over the place, gathering ideas and inspiration. She loves to invent new ways for children, young and old, to create, learn, and explore. Alice aims to serve as a creative role model, to inspire people of all ages to consider how ideas are developed, articulated, and realized in the contemporary art and design worlds. Her passion is out-of-school-time education, and she has worked in community art centers, afterschool programs, art museums, and children's museums for two decades. Alice received her Bachelors of Fine Arts ('98) from Pacific Northwest College of Art in Portland Oregon, and her Master of Fine Arts ('01) from the school of the Museum of Fine Arts and Tufts University in Boston Massachusetts.

Clare Wheeler '19 is a recent AGS alum.

**Atlanta Girls' School
Winterim 2020
SCHEDULE GRID**

Monday	Tuesday	Wednesday	Thursday	Friday
Advisory 8:00-8:10	Advisory 8:00-8:10	Advisory 8:00-8:10	Advisory 8:00-8:10	A 9:00-10:20
A 8:15-9:40	A 8:15-9:40	A 8:15-9:40	A 8:15-9:40	
B 9:45-11:10	B 9:45-11:10	B 9:45-11:10	B 9:45-11:10	B 10:25-11:45
Lunch 11:15-12:00	Lunch 11:15-12:00	Lunch 11:15-12:00	Lunch 11:15-12:00	Advisory/Lunch 11:50-12:20
C 12:05-1:30	C 12:05-1:30	C 12:05-1:30	C 12:05-1:30	C 12:25-1:45
D 1:35-3:05	D 1:35-3:05	D 1:35-3:05	D 1:35-3:05	D 1:50-3:00



Winterim 2020 Course Planning Worksheet

Name: _____

Grade: _____

Advisor: _____

Date: _____

Students: List your first and alternate choices and use to request the courses on Blackbaud.

Advisors: Collect the worksheets and return to the registrar's mailbox.

Please note:

Your required course(s) must be listed as your first choice(s). If you enroll in a course that requires a fee, please submit payment with this form. You will not be enrolled in the course if you do not submit payment.

Category	First Choice	Second Choice
Looking In		
Looking Out		
Deep Dive		
Any Category		