

2025-2026 ELECTIVE COURSE OPTIONS FOR 7TH GRADE STUDENTS

Apex Middle School

The elective courses listed below are options for 7th grade students at AMS.

- If your child is taking band, they will select year-long band.
- If your child is **not** taking band, they will **select 6 courses (4 primary courses and 2 alternates)** from the list below.
- **Please note** - Choosing an elective does not guarantee its availability in your child's individual schedule.

Fine Arts Electives	
Course	Course Description
Level II Band 36 Weeks (Year-Long Course)	This class is a continuation of the skills taught in Beginning Band with further development of tone production, breath support, and music reading. Students are introduced to performance skills and techniques. They are encouraged to perform as individuals and as members of an ensemble. Students should anticipate some after-school practices and evening performances.
Level II Chorus 18 Weeks = (Semester)	Students apply correct singing technique and various elements of musical expression through developmentally appropriate and historic vocal literature. Students will use traditional notation to learn music, and to respond correctly to conductors' gestures both in rehearsal and public performance. Students in this class may be asked to represent the school in public performances and should anticipate some after-school practices and evening performances.
Drawing 18 Weeks = (Semester)	Students are taught drawing techniques using various media. They work with line, value, and basic perspective. In addition, students will learn to think and write critically about master work as well as their own.
Visual Composition I 18 Weeks = (Semester)	Students will engage in deep study of the elements and principles of art centered on the curriculum set forth in the North Carolina Essential Standards for Visual Art. Two and three-dimensional techniques will be taught using a variety of media. Students explore various cultures, art history and learn to think and write critically about master work as well as their own.
World Language Electives	
Course	Course Description
Spanish Beginning Less than 1 Year 18 Weeks = (Semester)	Part 1 of the Spanish curriculum series for HS credit. Students will learn the foundations of the language's vocabulary and structures in order to communicate in simple, memorized, sentences related to basic necessary skills in the target language. Classes are conducted primarily in the target language with a strong focus on comprehensible input at a level appropriate for novice learners. Activities focus on students' abilities to perform in the interpersonal, interpretive, and presentational modes of communication. Students who successfully complete this course will demonstrate Novice Low proficiency and should enroll in Spanish I to continue the HS Level I credit curriculum.

Career & Technical Education Electives	
Course	Course Description
Exploring Business & Entrepreneurship 9 Weeks = (One Quarter)	Explore the purpose and functions of business and the concepts of entrepreneurship. Focus on the characteristics of an entrepreneur and the entrepreneurial process. Gain the knowledge and skills for careers in business, finance, and marketing. The class covers the purpose of business, the 4 forms of business, non-profit, profit business, personal characteristics of a business person and the procedures for starting a business.
Computer Science Discoveries 9 weeks = (One Quarter)	Solve a series of puzzles, challenges, and real-world scenarios using problem-solving processes. Explore how computers take input, output, store, and process information to help humans resolve problems. Design original content and share it on a webpage using HTML and CSS. Explore the knowledge and skills for careers in the Computer Science, IT, and Technology pathways.
Exploring Economic Systems 9 weeks = (One Quarter)	Discover the basics of economics. Research the types of economic systems and explore the United States economic system. Investigate concepts including supply and demand, the stock market, e-commerce, and the Federal Reserve. Gain the knowledge and skills for careers in business, finance, and marketing.
Digital Literacy 9 weeks = (One Quarter)	Explore critical digital literacy skills and evaluate content for accuracy and motive. Research the benefits of online communities and how to effectively navigate potential pitfalls in their digital lives. Formulate practical steps to protect privacy and safety online. Explore the knowledge and skills for the careers in the Computer Science, IT, and Technology pathways.
Engineering: Invention and Innovation I 18 Weeks = (Semester) (Paired with Invention and Innovation II)	This will be a semester-long course as it is paired with Invention and Innovation II. Students will explore the core concepts of engineering, including the Engineering Design Process, Engineering Design Journal, and modern careers in engineering and technology. Students will apply these skills in a variety of real-world challenges and apply their creativity in the invention and innovation of new products, processes, or systems.
Engineering: Invention and Innovation II 18 Weeks = (Semester) (Paired with Invention and Innovation I)	This will be a semester-long course as it is paired with Invention and Innovation I. Students will explore the core concepts of engineering, including the Engineering Design Process, Engineering Design Journal, and modern careers in engineering and technology. Students will apply these skills in a variety of real-world challenges and apply their creativity in the invention and innovation of new products, processes, or systems.
Engineering: Technological Systems I 18 Weeks = (Semester) (Paired with Technological Systems II)	This will be a semester-long course as it is paired with Technological Systems II. Technological Systems will introduce students to systems within a residential dwelling that have led to the sanitation, safety, comfort, and convenience of daily life. The skills, tools, and safety requirements of the (high-demand) career of a Certified Apartment Maintenance Technician (CAMT) will be explored, including its dependence on the U.S. Electrical Power Grid, tools, materials, and licensing standards and the federal, state, and local codes that apply to these systems (building, plumbing, pool/spa, and HVAC).

Engineering: Technological Systems II 18 Weeks = (Semester) (Paired with Technological Systems I)	This will be a semester-long course as it is paired with Technological Systems I. Technological Systems will introduce students to systems within a residential dwelling that have led to the sanitation, safety, comfort, and convenience of daily life. The skills, tools, and safety requirements of the (high-demand) career of a Certified Apartment Maintenance Technician (CAMT) will be explored, including its dependence on the U.S. Electrical Power Grid, tools, materials, and licensing standards and the federal, state, and local codes that apply to these systems (building, plumbing, pool/spa, and HVAC).
Exploring Childcare 9 Weeks = (One Quarter)	Investigate children's development from birth to age seven. Practice basic care of infants, toddlers, and preschoolers, discuss proper nutrition, understand how to prevent accidents, and how to use positive guidance while working with children. Illustrate the importance of well-prepared and trained babysitters and how to prepare for the diverse responsibility of being a babysitter. Gain the knowledge and skills for careers in early childhood education.
Exploring Financial Literacy 9 Weeks = (One Quarter)	Explore the basics of financial literacy to build confidence in making financial decisions. Understand decision-making principles related to banking, budgeting, and credit. Discover careers in the financial industry while exhibiting mindful money management behaviors needed for adult life. Gain the knowledge and skills for careers in all Career and Technical Education pathways.
Exploring Nutrition & Wellness 9 Weeks = (One Quarter)	Students gain an understanding of the impact of choices on wellness by examining the current USDA Food Guideline. Practice nutritious meal planning and preparation. Explore basic kitchen skills, safety needs, and sanitation. Gain the knowledge and skills for careers in hospitality and tourism or human services.
Exploring Apparel & Interior Design 9 Weeks = (One Quarter)	Examine the field of apparel by exploring the elements of design, basic clothing construction, and the impact of marketing on clothing choices. Characterize the basics of interior design, including the basic principles of design. Practice managing living spaces and learn how sustainable design impacts housing. Gain the knowledge and skills for careers in apparel, textile, and interior design.