

MCSH HIGH SCHOOL MAGNETS

Columbus High School

The Columbus High School Magnet program is built on a firm academic foundation. Each student takes a college preparatory program which includes 4 units in English, social studies, science and mathematics; 3 units in the humanities; and 1 unit in the fine arts. A liberal arts student does not specialize in any one area. This allows the student to keep all of his options open, so that when he is older he may choose a college or university suited to his career goals. Fifteen advanced placement courses are offered which allow the student to earn college credit.

Contact Info:

- *Principal: Dr. Marvin Crumbs*
- *Address: 1700 Cherokee Avenue*
- *Phone: 706-748-2534*

G.W. Carver STEM School

The Carver High School Integrated Math/Science/Technology Magnet Program is a rigorous college preparatory program for students with an interest in the areas of math, science, and/or technology. The goal of this program is to provide a strong, hands-on, individualized curriculum. This curriculum prepares students to be successful in mastering the challenges that they will meet in the future. The students are provided with state-of-the-art technology, which enhances their academic achievement. This advanced equipment includes computers, graphing calculators, CBL's, laptop computers, etc. Carver Magnet students are extremely successful in their post-secondary endeavors, including university, military, and professional careers.

Contact Info:

- *Principal: Chris Lindsey*
- *Address: 3100 Eighth Street*
- *Phone: 706-748-2499*

Hardaway High School (IB)

The Hardaway International Baccalaureate Diploma Program is a rigorous pre-university course of study that meets the needs of highly motivated secondary school students. It currently exists in 101 countries around the globe, and just over 1,000 schools worldwide. It may be offered only at IB-approved schools. The IB curriculum emphasizes critical thinking, an exposure to a variety of viewpoints, and inter-cultural understanding among young people. The program offers courses such as: IB World Literature, IB 20th Century World History, IB Chemistry and Biology, Discrete Topics, and a course offered ONLY in IB Schools - Theory of Knowledge.

Contact Info:

- *Principal:* **Matt Bell**
- *Address:* **2901 College Drive**
- *Phone:* **Main: 706-748-2766**

Jordan High School

The Industrial Technologies Academies extend the academy concept currently followed in the Construction Technologies Program into the Metals, Automotive, and Drafting/Design Programs. The overall program is offered at three levels allowing students to choose from job entry level, mid-management, or upper level programs that lead to a college program in engineering and architecture. All students take a minimum of one semester of a foreign language and drafting/design. The upper level program leads to a College Preparatory and Tech Prep Diploma Seal. The three level approaches allow students to focus on a variety of career paths and post-secondary options.

Contact Info:

- *Principal:* **Amy Wohler**
- *Address:* **3200 Howard Avenue**
- *Phone:* **706-748-2819**

Kendrick High School

In the Academy of Communication Arts and Design, students will gain fundamental workplace skills, technical application skills, and interpersonal skills necessary to enter and succeed in diverse careers associated with the graphic/print communications industry. Academy students will learn about artistic expression, computer operations, graphics and imagery software applications, machinery operation, desktop publishing, photography, camera equipment/digital electronic printing, image assembly, offset processes, print journalism, teamwork, problem solving, and communications skills necessary in today's modern graphic/printing communications facilities. Students in the academy will also investigate career options through internships and work-based learning. Students will gain experiences in leadership, teamwork, citizenship, and character development through participation in SkillsUSA.

ACAD students will receive classroom and on-the-job experience through a performance-based state curriculum developed by leaders in the communications field. An on-campus, state-of-the-art print shop and design lab will afford students the opportunity to apply their academic knowledge in a real-world setting. Partnerships with local printers, magazines, and newspapers will provide students with real-world expertise and ample opportunity for hands-on learning through mentoring and internships.

Contact Info:

- *Principal:* **Dr. Alonzo James**
- *Address:* **6015 Georgetown Drive**
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Northside High School

The Northside Engineering and Engineering Design Magnet Program offers the best, most intensive pre-engineering and engineering technology available. Summer programs and partnerships with regional universities and technical schools enhance a rich exposure and education for the students in the Academy. From Introduction to Engineering Design, where the student will render and construct simple machines up to complex interdependent systems, to Digital Electronics where students construct circuits virtually and in reality, to the final design and development project as a senior, students are immersed in a thorough preparation for further college and technical training. Support courses in technical writing and humanities, plus standard student-chosen electives complete a well-rounded yet focused high school education.

Contact Info:

- *Principal:* **Marty Richburg**
- *Address:* **2002 American Way**
- *Phone:* **706-748-2920**

Shaw High School

The Shaw Global Media Resources program, developed in cooperation with partners TSYS and MediaCom, offers college prep and tech prep students a cross curricular path to skills and opportunities in communications careers and post-secondary options. Expanded course offerings will include video production, writing for media, announcing, graphics production, news reporting, media law, business advertising, speech/forensics, and internships with media related businesses. The GMR curricular vision includes attractive opportunities for students in every subject area designed to enhance student skills in written, verbal, and broadcast communications. Academic achievement, projects, and community service will be documented on personal CD portfolios.

Contact Info:

- *Principal:* **Adam Herring**
- *Address:* **7579 Raider Way**
- *Phone:* **706-569-3638**

Spencer High School

The Academy of Computer Science and Electronic Game Design is a combination of Advanced Placement and computer science courses dedicated to attracting and retaining diverse learners who seek to gain college and real world experiences while completing their high school requirements. Students and parents will agree to devote their high school career to pursuing rigorous academic classes and a computer science pathway that will result in students graduating with options to continue to post-secondary education and/or begin a career within the technology industry.

Why is this different? First, students will be selected and once on campus they will follow a scripted course progression. Secondly, during the junior and senior years, students will focus on video game design on campus and at Columbus State University. Finally, the Academy of Computer Science and Electronic Game Design will formulate articulation agreements, dual enrollment agreements, internships, and work site training to prepare our students for employment and post-secondary education immediately upon graduation.

What does the future look like for careers in technology? The future for technology is extremely robust, especially in Georgia. The 43-mile stretch between Fort Benning and Lagrange will see tremendous growth because of BRAC and the Kia plant. Jobs that demand technical expertise are readily available. Our students will be employable immediately upon graduation via our course work and mentorships opportunities. Our students will be able to benefit from this economic explosion.

Contact Info:

- *Principal:* **Dr. Johnny Freeman**
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