

# Advanced Academics @ MAST Academy

## ADVANCED PLACEMENT (AP)

Advanced Placement (AP) is a program created by the College Board which offers college-level curricula and examinations to high school students. American colleges and universities may grant placement and course credit to students who obtain a minimum score of a 3 on a 5 point scale on the corresponding AP exam.

## CAMBRIDGE AICE DIPLOMA

The Advanced International Certificate of Education (AICE) allows eligible high school students to earn credit toward graduation and may be accepted for postsecondary credit at colleges and universities. In addition, successful completions of the AICE diploma will make students eligible for the Florida Bright Futures Scholarship with the completion of necessary community service hours but without additional test scores.

## CAREER AND TECHNICAL EDUCATION

Any career education courses authorized for grades 13 or higher may be taken for credit by students in grades 9 - 12, based on the career objectives of the students. M-DCPS adheres to a policy of nondiscrimination in requirements for admission to and graduation from programs offered at postsecondary area technical colleges operated by the district. The district will provide on a case-by-case basis, waivers, accommodations, and reasonable substitutions in meeting the admission and graduation requirements for students with disabilities at postsecondary area technical centers.

## CAREER PATHWAY

Career Pathway is a senior high school sequential Career and Technical Education program of study that allows students to achieve industry certification, a two-year postsecondary certificate and/or degree, with an option of continuing toward the completion of a baccalaureate degree. Career Pathway students typically select general programs of study; show interest in career technical fields; earn an industry certification, earn articulated post-secondary credits at select institutions; transition on to a two-year certificate program; or pursue an associate or baccalaureate degree. Students should check with their school counselors for information and approval of Career Pathway courses.

MAST Academy offers career pathway programs in Applied Engineering Technology, Culinary Arts, and Computer Science as well as a range of industry certification options. Students interested in more information can reach out to their teachers or counselors to learn about earning the ServSafe Food Protection Manager Certification, RECF Pre-Engineering Certification, American Red Cross Lifeguarding, or the American Red Cross Water Safety Instructor Certification.

## DUAL ENROLLMENT

Dual enrollment is an articulated acceleration mechanism open to eligible secondary students (grades 6-12) in Florida public schools. To enroll in dual enrollment academic courses, students must demonstrate a readiness to successfully complete college-level course work and have attained a qualifying grade point average. In order to determine the high school equivalency and the high school credit awarded for postsecondary courses completed through dual enrollment, please refer to the most current Dual Enrollment Course – High School Subject Area Equivalency. The district must weigh college-level dual enrollment courses the same as

Advanced Placement, International Baccalaureate, and Advanced International Certification of Education courses when grade point averages are calculated. The list of currently active and authorized courses for dual enrollment is printed in Curriculum Bulletin-I, which is published annually. All secondary schools must follow the Dual Enrollment master scheduling protocols established by the Office of Information Technology Services (ITS) Systems Programming in order to ensure the capturing of Dual Enrollment data for students participating in both on school campus and off school campus dual enrollment courses.

## CAREER DUAL ENROLLMENT

Career dual enrollment is a specific form of dual enrollment in which students enroll in postsecondary courses that lead to an industry certification as identified in section (s.) 1008.44, Florida Statutes (F.S.) Career dual enrollment is available to students in public schools, home education and private high schools that are in compliance with s. 1002.42(2), F.S. and provide secondary curriculum pursuant to s. 1003.4282, F.S., seeking a certificate or degree and industry certification through a career education program or course.

## CAREER PLANNING/COLLEGE ENTRANCE EXAMINATIONS

In completing their postsecondary education plans, students may find it advisable to complete one or more of the standardized tests listed below which are used for college admissions, career planning, placement in college courses, and/or eligibility for scholarships. Recommended grade levels during which tests should be taken are shown in parenthesis.

1. **ACT** – American College Testing Program, formerly the American College Test (11, 12)
2. **PSAT** – Preliminary Scholarship Aptitude Test (9, 10, 11)
3. **SAT I: Reasoning Test** – formerly the Scholastic Assessment Test (10, 11, 12)
4. **SAT II: Subject Test** – formerly the Scholastic Assessment Test (11, 12)

Students should see members of the Student Services team for further information about the tests that would be most appropriate for meeting their needs. Some tests require the completion and mailing of a registration form several weeks in advance of the test date. These materials are available in the Student Services Department.

## EARLY ADMISSION

Early admission is a form of dual enrollment through which eligible grade 12 students may enroll in a college or university on a full-time basis in courses that are creditable toward a high school diploma and the associate or baccalaureate degree. To be considered fulltime dual enrollment, early admission student, a student must meet the GPA and college entrance exam criteria and enroll in a minimum of 12 college credit hours but may not enroll in more than 15 college credit hours per semester.