



CLARKSVILLE
MONTGOMERY COUNTY
S C H O O L S Y S T E M

Academic Catalog

Classes of 2011 and 2012

(students entering high school 2009/10 and before)

2010-2011

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(students entering high school prior to 2009/10)

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Clarksville-Montgomery County High School Academic Catalog

(for students entering high school prior to 2009/10)

All students performing at their highest potential

This academic catalog has been compiled to assist students in planning for their high school diplomas and preparing for future careers. Because choices made during the high school years can have a major impact on a student's future, we hope that this information will be helpful in making informed decisions.

Planning for High School and Future Careers

All students are required to have a ***six-year educational plan*** designed to include four years of high school and a goal of at least two years of post-secondary education. This plan ensures that students and their parents, along with the school counselors, are planning properly to meet the requirements for earning a Tennessee high school diploma and beyond. The six-year plan should be discussed before a student begins high school and should be used each year as students register for classes. The plan will include core, path, and career cluster choices for high school, as well as post-high school educational and/or career plans.

State Core requirements are the 14 academic classes required for all students by the state for earning a high school diploma.

State Path requirements are the specific courses required by the state to complete either the University Path or the Technical Path. Completion of the University Path will satisfy the course requirements for admission into the state institutions of higher education in Tennessee and most other universities. The Technical Path will prepare students to enroll in a technical school, a community college, an apprenticeship program, the military, or the workforce after graduation. Students choosing both the University and Technical Paths will complete the Dual Path.

Career cluster electives allow students to choose classes in one area that will prepare them for a chosen career path. These career clusters are based on current jobs and industries in Tennessee. Each high school has aligned classes within their various departments into the following sixteen career clusters. Counselors assist the students in the selection of individual courses for the chosen cluster.

Tennessee State Career Clusters

Agriculture, Food & Natural Resources
Arts, A/V Technology & Communication
Education & Training
Government & Public Administration
Hospitality & Tourism
Information Technology
Manufacturing
Transportation, Distribution & Logistics

Architecture & Construction
Business, Management & Administration
Finance
Health Science
Human Services
Law, Public Safety, Corrections & Security
Marketing, Sales & Service
Science, Technology, Engineering & Mathematics

State Core Requirements

University Path

Language Arts	4 credits
Math	3 credits
<i>must include Algebra I, II, & Geometry</i>	
Science	3 credits
<i>one must be Biology or Technical Biology & one must be a physical science</i>	
Social Studies	3 credits
World History or Geography, U.S. History, U.S. Government & Economics	
Lifetime Wellness	1 credit
or JROTC	2 credits

Technical Path

Language Arts	4 credits
Math	3 credits
<i>one must be Algebra I or Technical Algebra one must be Algebra II, Geometry or Technical Geometry</i>	
Science	3 credits
<i>one must be Biology or Technical Biology & one must be a physical science</i>	
Social Studies	3 credits
World History or Geography, U.S. History, U.S. Government & Economics	
Lifetime Wellness	1 credit
or JROTC	2 credits

State Path Requirements

University Path

Foreign Language	2 credits
Fine Art	1 credit
Career Cluster	

Technical Path

Career Cluster	4 credits
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A student's plans for the future will guide the Path and Career Cluster choices for high school.

Students in the 8th grade complete the Kuder Career Search with Person Match, an interest inventory that matches their interests with a career cluster. Students have the opportunity during high school to complete the Kuder Skills Assessment and Super's Work Values Inventory to further aid in career selection.

Students also complete the American College Testing (ACT) series to aid in preparing for post-secondary education. In the 8th grade, students take the EXPLORE test, and in the 10th grade the PLAN test. Both of these tests are benchmarks that help the parents and student understand their preparedness level for the ACT test that is given to all 11th graders in the spring of the junior year. Scores on the EXLORE and PLAN are used for placement in honors classes and determine remediation needs.

Students are encouraged to complete a **strong academic program of study** and focus their electives in a career cluster that will enable them to meet the readiness benchmarks that will allow them to successfully transition to post-secondary education. The admission requirements of colleges and universities differ widely, so it is important that the student determine the admissions requirements for the school in which he/she is interested. Students should see their counselor to inquire about admissions requirements for specific schools and discuss plans with parents.

ACT's College/Workforce Readiness Benchmarks are minimum scores that indicate college and workforce readiness. Students meeting these minimum scores have a 50 percent chance of earning a B or better and a 75 percent chance of earning a C or better in the corresponding entry-level college course. Research also indicates that students meeting the benchmarks are better prepared for success in the workforce. Students can improve their benchmark scores by selecting more rigorous coursework and by using the information provided in the student score reports to develop specific skills in areas of weakness.

Readiness Benchmark Scores

Subject Test	EXPLORE (8 th)	PLAN (10 th)	ACT (11 th)
English	13	15	18
Mathematics	17	19	22
Reading	15	17	21
Science	20	21	24

Career-Technical and Educational Opportunities

On the following page is a chart for CMCSS high schools that you may use to locate specific career programs at your school or at other high schools in the Clarksville-Montgomery County School System. The grid part of the chart will show you the specific Career-Technical (CTE) Programs of Study approved by the state of Tennessee. Notice that different programs are available at each of the CMCSS high schools.

The lists on the right side of the chart will show you additional courses that you may take that will related to any of the sixteen career areas if your school does not offer the state Program of Study that you are interested in.

Several CTE programs are offered only at specific schools. Students in CMCSS may request to attend another high school if their Program of Study (POS) is not offered in the zoned school. The student must complete a ***Special Transfer Request*** form to be considered. Special Transfer Request forms may be obtained in the counseling office at each high school and at the CMCSS Board of Education, 621 Gracey Avenue, Office of Student Services, (931) 648-5600. Students granted a special transfer will be assigned to the new school for the entire day and are also responsible for providing their own transportation. In the event a program is full, the students zoned for the school where that program is offered will be given priority.

CTE (state) Programs of Study	CHS	KHS	MCBS	NEHS	NWHS	RHS	WCHS	by school. Check your school's course listings.)
Agriculture, Food, & Natural Resources								Agriculture electives, Career-Management Success (CMS) or Personal, Academic & Career Excellence (PACE), Ecology, AP Biology, AP Chemistry, Anatomy & Physiology, or (choose 2 from the following) Business Principles, Computer Applications, Keyboarding, Accounting
Power, Structures, & Technical Systems	X		X					
Plant Systems – Landscaping & Turf Science					X			
Architecture								CMS or PACE, Computer-aided Drafting (CAD)
Construction HVAC/R		P						Upper level Math course, Art class, any carpentry, plumbing, electrical elective classes, or Technology Center classes
Construction Carpentry		P	X	P		X	X	(choose 2 from the following) Business Principles, Computer Applications, Keyboarding, Accounting
Construction Electrical				P				
Interior Design								
Arts, A/V Technology & Communication								Art, Music, Theatre or other fine arts classes, Journalism, Speech, Foreign Language, Interactive Multimedia
Design Communication	X					X		
Fashion Design		X				X		
Journalism & Broadcasting		X					X	
Business, Management, & Administration								Psychology, Sociology, Business Principles, Computer Applications, Accounting, Financial Planning, Virtual Enterprise, or other business electives
Business Analysis								
Business Management	X	X			X		X	
Business Financial Management & Accounting	X		X		X		X	
Administrative & Information Support						X		
Marketing & Communications Development								
Education & Training								Computer Applications, Interactive Multimedia, Psychology, Sociology, Speech, Child Development, Nutrition and Foods, Teaching as a Profession, Peer Mentoring and other related courses
Teaching & Training Services		X			X	X		
Finance								Accounting I & II, Financial Planning, Business Principles, Virtual Enterprise, Statistics or other upper level math courses
Banking & Finance				X		X		
Financial Planning								
Government & Public Administration								JROTC, CMS or PACE, Criminal Justice, Psychology, Sociology, Speech, Business Principles, Financial Planning, Computer Applications
Public/Nonprofit Mgt & Administration								
National Security				X				
Health Science								Health Science electives, Chemistry, AP Biology, Anatomy & Physiology, Upper level Math courses, Psychology, CMS or PACE, Nutrition and Foods, Child Development
Biotechnology Research and Development				X		X		
Diagnostic Services						X		
Health Informatics								
Therapeutic Services			P		X			
Therapeutic Emergency		X					X	
Hospitality & Tourism								Speech, Nutrition and Foods, Psychology, Sociology, World Geography, Interactive Multimedia, (choose 2 from the following) Business Principles, Computer Applications
Food & Beverage Services						X		
Human Services								Sociology, Psychology, CMS or PACE, Peer Mentoring or any courses that fall into the CTE Human Services cluster (choose 2 from the following) Business Principles, Computer Applications, Keyboarding, Accounting
Family & Community Services	X	X		X	X	X	X	
Counseling & Mental Health Services			X		X		X	
Consumer Services		X						
Nutrition Counseling		X						
Personal Care Services (Cosmetology)				X	X			
Information Technology								CTE Program of Study courses only
Electronic Publishing								
Interactive Multimedia	X		X	X	X	X		
Web Design								
Web/Multimedia Mgt/Webmaster		X			P	X		
Law, Public Safety, Corrections, & Security								JROTC, CMS or PACE, Interactive Multimedia, Psychology, Sociology, Speech, (choose 2 from the following) Business Principles, Computer Applications, Keyboarding, Accounting
Law Enforcement Services		X		X			X	
Manufacturing								Business Principles, Computer Applications, Technology Center classes, CAD, CMS or PACE, Principles of Technology, Physics, Upper level Math courses
Mechtronics (Special POS - CHS only)	X							
Marketing, Sales, & Services								Computer Applications, Virtual Enterprise, Interactive Multimedia, Psychology, Sociology, Speech, Journalism, Statistics, Discrete Math
Science, Technology, Engineering, & Math								3 science and math courses above required, CAD, or any courses that fall into the CTE Science, Technology, Engineering, and Math cluster
Technology Engineering	X						X	
Science & Mathematics	X						X	
Transportation, Distribution, & Logistics								Business Principles, Computer Applications, Technology Center classes, CAD, CMS or PACE, Principles of Technology, Physics, Upper level Math courses
Automotive Technology					X			
Collision Repair Technology					X			

Advanced Placement Programs

Advanced Placement is an academic program of college-level courses and examinations for secondary school students. The College Board sponsors the AP program and participation is offered to all secondary schools. The AP program gives students the opportunity to pursue college-level studies while still in high school and possibly to receive college credit.

The curriculum of AP courses is challenging and requires more effort and homework on the part of the student than a standard or honors high school course. It gives greater opportunity for individual progress and accomplishment and goes into greater depth with the academic material of each course.

Individual schools determine admission to AP courses. The rubric for selective courses should include numerous elements such as standardized national test scores like PLAN and PSAT, overall GPA, skills in reading and writing, teacher recommendations, etc. It is recommended that students entering the AP program be highly motivated, committed to the course, and understand the higher level of expectations. Students enrolling in an AP course are required to take the AP exam in the spring.

Colleges/Universities use AP scores in a variety of ways to include admission, placements, and credits depending on the college/university policy and the individual student's scores. Students should check with their intended college/university for specific guidelines on how their AP scores will be utilized.

Additional information concerning the national Advanced Placement program may be found at www.collegeboard.org

Dual/Joint Enrollment Opportunities

Juniors and Seniors have the opportunity to begin post-secondary education while still in high school by dual or joint enrollment in several area institutions. *Dual enrollment* is the enrollment of a high school student in one or more specified courses for which the student will be awarded both high school and college credit. *Joint enrollment* is the enrollment of a high school student in one or more course(s) for which the student will earn only college credit. CMCSS is committed to pursuing opportunities as they become available to help bridge the transition from high school to post-secondary education for its students. Dual enrollment students at public institutions may qualify for dual-enrollment scholarships.

- Students meeting Dual Enrollment requirements may enroll in college classes at Austin Peay State University.
- The Tennessee Technology Center admits high school seniors into their machine tool program at a reduced rate.
- Nashville State Community College allows seniors to enroll in on-line and in- school courses
- UT-Martin allows juniors and seniors to enroll in on-line courses in Financial Planning and Agricultural Education

The Middle College High School at APSU

Middle College is a unique collaborative program between Clarksville-Montgomery County School System and Austin Peay State University that enables junior and senior high school students throughout the district to obtain a quality high school education while concurrently receiving direct and invaluable access to college courses. While Middle College is a new concept for Clarksville-Montgomery County students and parents, it is not unique nationwide. Yet, it is distinctive from other programs for students have the option of not only pursuing university credits but career technical credits as well. Middle College at Austin Peay State University is the integration of high school, college and career training all set on a university campus.

Potential Middle College students may be characterized by any of the following: - Seeks intellectual stimulation found in a rigorous curriculum - Desires a more mature learning environment - Demonstrates the maturity to cope with the challenges and relative freedom of a college environment - Holds a sincere conviction in the importance of education, but does not value the co-curricular and extra-curricular activities of the traditional high school Middle College will offer 120 CMCSS juniors and seniors the opportunity to earn their high school degree on a university campus.

In order to effectively address student performance/needs and determine which students could most benefit from the program, candidates must complete an Application for Admission. All students who have completed and/or enrolled in the 10th grade at a Clarksville-Montgomery County School System school are eligible to apply for admission. In order to be considered for regular admission, students should have an ACT score of 20 or higher and/ or a GPA of 2.85. Students seeking a conditional admittance should have a GPA of 2.75 and/or an ACT score of 19. Applications are available from the guidance office at all high schools across the district.

Unlike traditional dual enrollment, the Middle College is an accredited high school and students who attend Middle College have actually transferred from another accredited high school; thus, students who attend are no longer on the rolls at their zoned high school and all diplomas will be conferred by the Middle College at Austin Peay State University.

Students and parents interested in obtaining additional information may contact the school at (931) 221-1350 or view the website under "Our Schools" at [http://www. www.cmcss.net](http://www.www.cmcss.net) .

Student Information

Classification of Students

Students are promoted at the end of each school year based on the following:

- One year attendance and 4 credits earned - promoted to the 10th grade
- Two years attendance and 8 credits earned - promoted to the 11th grade
- Three years attendance and 14 credits earned - promoted to the 12th grade

Attendance Requirements

Students must attend each class 90% of the school days per semester in order to obtain credit for completion of coursework. Students/parents are expected to submit valid written explanation upon returning to school following all absences. Excessive absences due to extenuating circumstances may be reviewed by the Board Attendance Review Committee.

Grading Scale

A =93-100

B = 85-92

C = 75-84

D = 70-74

F = 69 and below

(In order to receive credit for a course, a student must receive a grade of 70 or above and meet attendance policy requirements)

Testing Requirements

Final Examinations - Examinations shall be given at the end of each semester and shall be required of all students with one exception: *A student will be exempt from a second semester course examination provided the student has a 93% or higher for each 9 week grading period during the second semester and the course is a full year class. NO students will be exempt from state end-of-course exams. All students enrolled in a one-semester course must take a final examination.

Gateway Tests - Current students entering high school before 2009-10 must pass state-mandated Gateway tests in Language Arts, Math, and Science. The Gateway Language Arts test is given at the end of English II; Gateway Math is given at the end of Algebra I or Technical Math II; Gateway Science is given at the end of Biology or Technical Biology. Gateway tests are also given in December for students who have passed English II, Algebra I, or Biology from an out-of-state school or who have failed the test previously. Summer testing is offered to those students who have failed a Gateway test.

Beginning with school year 2009/10, state End-of-Course tests will be given in place of the Gateway Tests at the conclusion of the above mentioned Gateway related courses. Students who still need to meet Gateway requirements for graduation will receive a Gateway equivalent score for their End-of-Course test. Students who have already earned the course credit and do not need to repeat the Gateway related course will be given the Gateway Tests only rather than the new End-of-Course tests.

End-of-Course Examinations - End-of-course examinations will be given in English I, English II, English III, Algebra I, Geometry, Algebra II, U.S. History, Biology I, Chemistry, and Physics. Further, the results of these examinations will be factored into the student's grade at a percentage determined by the State Board of Education in accordance with T.C.A. 49-1-302 (2).

The weight of the end-of-course examination on the student's course average is as follows:

- (i) Fall of 2009 and 2010 – 20%
- (ii) Fall of 2011 and thereafter – 25%

Weighting AP, Honors, and College Courses

Weighting for Advanced Placement Courses

Five points will be added to AP courses which follow the national AP guidelines, extend the state mandated curriculum with rigor, and meet five of the nine state recommended components for honors classes. The extra points will be awarded at the end of each semester for students with passing grades – 70 or above. **Weighting for Honors Courses and National Industry Certification**

Weighting for Honors Courses

Three points will be added to honors courses and national industry certification preparation classes that extend the state-mandated curriculum with rigor and meet five of the nine state recommended components of honors classes. The extra points will be awarded at the end of each semester for students with passing grades – 70 or above.

Weighting for College Courses

Three points will be added to semester grades of 70 or above for college classes that meet dual enrollment requirements. This includes the classes taught on the college/university as well as those that may be taught at the individual high school. If college grades are provided by letter grade, the school system conversion scale will be used.

Grade Calculations for High School Courses

Non end-of-course exam course:

Count each 9 week grade 40% and the school exam 20%.

When student is exempt from 2nd semester exam, count each 9 week grade 50%*.

End-of-course exam course:

1st semester – each 9 week grade 40% and the school exam 20%.

2nd semester – For SY 2010-11, count each 9 week grade 35%, the end-of- course exam 20 %, the school exam 10%. (Beginning SY 2011-12, the 2nd semester grade will be each 9 week grade 30%, end-of-course exam 25%, the school exam 15%)

When student is exempt from 2nd semester exam, count each 9 weeks 40%, and end-of-course 20%.* (Beginning SY 11-12, count each 9 weeks 37.5 and end-of-course exam 25%)

Athletic Eligibility

High School Eligibility – Tennessee Secondary Schools Athletic Association (TSSAA)

To be eligible to participate in high school athletics during any school year, the student must earn five credits the preceding school year if less than 24 credits are required for graduation or six credits the preceding school year if 24 or more credits are required for graduation. All credits must be earned by the first day of the beginning of the school year. Academic eligibility for a student is based on the requirements of the school the student was attending at the conclusion of the previous school year.

Students not earning the required number of credits for promotion have the opportunity to make up those credits in Summer School and/or Credit Recovery (both of which may require a fee).

College Eligibility - National Collegiate Athletic Association (NCAA)

In order to practice and participate in intercollegiate athletic competition and/or receive an athletic scholarship the first year of college attendance, all athletes must be cleared through the NCAA Clearinghouse. Information is provided at www.ncaaclearinghouse.net or by contacting the high school counseling office.

- NCAA eligibility is based on grades and credits earned in NCAA approved high school courses as well as ACT/SAT scores.
- The list of NCAA approved courses for each high school may be found on the NCAA website.
- Students must have their ACT or SAT scores sent directly from ACT or SAT to the Clearinghouse. Use code number 9999 when registering for the ACT or SAT.
- New credit earned in a Virtual High School setting may not be recognized by NCAA for eligibility. Future college athletes should plan to earn all credits in a regular classroom setting.

Class Ranking

Class rank is based on the cumulative percent average. In the interest of encouraging and recognizing outstanding academic achievement, ranking is based on type of diploma earned with distinguished honors ranked first, honors second, and regular third. Class ranking is determined only after the first semester of the student's 12th grade year.

Selection of Valedictorian

The selection of valedictorian shall be according to the following procedure:

1. The valedictorian shall be selected from the Distinguished Honors program and shall have the highest numerical average. The numerical average shall be calculated at the end of the seventh semester. Any average calculated after the seventh semester will have no effect on the class ranking.
2. In case of a tie for valedictorian, co-valedictorians will be honored.
3. To be eligible for valedictorian, a student must be enrolled in CMCSS prior to and continuously following the tenth day of the student's senior year.
4. Foreign exchange students will not be considered.

Diploma Types

The Tennessee State Department of Education recognizes three types of diplomas: the Regular High School Diploma, a Diploma of Special Education and a Certificate of Attendance.

Regular – A Regular Diploma will be awarded to students who have earned 20 credits to include 14 required core courses plus completion of the University, Technical or Dual Path and who have passed required Gateway tests. Students meeting the requirements for a Special Education diploma and who pass the required Gateway tests will receive a Regular diploma. CMCSS recognizes honors graduates as follows for the Classes of 2011-2012

***Distinguished Honors** – All requirements for a Regular Diploma must be fulfilled plus a 90% cumulative percent average with no semester grade lower than a 75.

Courses must include the following:

- 4 English to include honors levels in 10th, 11th, 12th
- 4 math - Algebra I, Algebra II, Geometry and one more math above minimum university requirements (Geometry and Algebra II need to be an honors level class in the high school if offered. Contact your school counselor for clarification.) A minimum of 3 years of math must be completed in high school
- 3 high school science courses to include Biology I and at least one of the following: Chemistry, Physics, Anatomy Physiology or any upper level science course requiring Chemistry or Physics as a pre-requisite
- 2 years of the same foreign language
- 2 Advanced Placement classes (one must be from core - English, math, science, social studies). A technical licensing course that meets honors criteria may substitute for a non-core AP course.

***Honors** - All requirements for a Regular Diploma must be fulfilled plus an 85% cumulative percent average with no semester grade lower than a 75.

Courses must include the following:

- 4 English (a minimum of honors level 11th & 12th)
- 3 math - Algebra I, Algebra II, Geometry/Technical Geometry or other upper level math
- 3 high school science courses to include Biology I and at least one of the following: Chemistry, Physics, Anatomy Physiology or any upper level science course requiring Chemistry or Physics as a pre-requisite

Special Education – A Special Education Diploma will be awarded to students who have satisfied their Individual Education Program but who have not passed required Gateway tests.

Certificate of Attendance – A Certificate of Attendance will be awarded to students who have met the requirements for a regular diploma but who have not passed required Gateway tests.

Graduation Participation

Students must meet **all** graduation requirements **before** they may **participate** in the graduation ceremony.

Tennessee Education Lottery Scholarship Program

The HOPE scholarship requires a minimum 21 ACT (composite) or 3.0 GPA. Please check with the school counseling office or Tennessee state website for the most current information concerning the available scholarships and requirements.

Counseling Office Services

Each high school has school counselors who provide the following services:

- Individual and group counseling to help students with educational planning, social development, and school or personal problems
- College and career information, scholarships, and financial aid
- Test administration and interpretation
- Registration, orientation, and placement of students
- Career and vocational counseling

- Organization and maintenance of all student records
- Assistance to students, parents, teachers, and agencies concerning students and programs
- Referrals to outside persons and agencies as necessary