
Student Programs

Lake Marion High School and Technology Center offers a variety of programs to enhance student achievement.

Orangeburg-Calhoun Tech Middle College

The OC Tech Middle College blends high school and the first two years of college into one seamless program of study. Students travel to OC Tech during the school day to take college level courses. Middle College coursework may be used for high school majors, complementary coursework, or general education courses, including university transfer. The OC Tech Middle College provides students with the opportunity to graduate from high school with earned college credit to use at OC Tech or other two and four-year colleges and universities. Whether the goal involves a two-year or four-year college experience, the OC Tech Middle College has something to offer students at Lake Marion High School.

Virtual Academy

Through the SC Department of Education, students at LMHS have the opportunity to earn high school credit through the Virtual Academy. This flexible learning environment gives students the opportunity to work at their own pace and resolve scheduling conflicts.

College Summit

College Summit is a national nonprofit organization that partners with schools and districts to strengthen college-going culture and increase college enrollment rates, so that all students graduate career and college-ready. Trained student influencers build college-going culture, while teachers and counselors use a managed curriculum and technology tools to help all students create postsecondary plans and apply to college. Data and accountability tools equip school leaders to manage improved student outcomes. The result? All students see high school graduation as a launching pad to successful futures.

Project Lead the Way

LMHS offers two PLTW programs: Engineering and Biomedical Science. The PLTW Engineering program offers students an array of advantages, from career readiness and hands-on experience to college preparatory-level classes, labs, and creative exercises. The program is designed to appeal to all students, from those already interested in STEM-related fields, to those whose experience in the sciences and math has been less comprehensive or who find themselves uninterested in traditional STEM curricula. The rigorous and relevant four-course PLTW Biomedical Science sequence allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health.

PLTW classes are hands-on, based in real-world experience, and fun for students and teachers. PLTW sets the highest standards for rigorous, focused, and engaging study, developing students' innovative, collaborative, cooperative, and problem-solving skills.

GEAR-UP (Gaining Early Awareness and Readiness for Undergraduate Program)

GEAR-UP is a partnership grant between OCCSD3 and South Carolina State University. This discretionary grant program is designed to increase the number of low-income students who are prepared to enter and succeed in postsecondary education. GEAR-UP provides six-year grants to states and partnerships to provide services at high-poverty middle and high schools. GEAR-UP grantees serve an entire cohort of students beginning no later than the seventh grade and follow the cohort through high school. GEAR-UP funds are also used to provide college scholarships to low-income students.

JROTC

The Army JROTC program at Lake Marion High School & Technology Center currently serves 302 students, which is 41% of the student population. The four-year program is taught by three instructors with a combined 73 years of military experience. The program has been named an honor unit with distinction in each of its onsite inspections since its inception.



Lake Marion High School and Technology Center

"A Haven of Excellence and High Expectations"

Kelvin Lemon, Principal



2017-2018

High School Profile

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<http://lmhs.obg3.k12.sc.us/>

Orangeburg Consolidated School District Three

Community

Located in Orangeburg County Consolidated School District Three, Lake Marion High School and Technology Center is the only high school in the eastern end of Orangeburg County, with a student enrollment of 707. The school district includes five zip code areas, with a total population of 19,641.

School

Completed in 2005, Lake Marion High School and Technology Center is a state of the art facility located near Santee, South Carolina. The facility consists of a main building with an auditorium, a spacious media center, a practice gymnasium, and a performance gymnasium. The technology center, located in an adjoining building, contains eight computer labs and a multitude of vocational labs. Classrooms throughout the building are equipped with mounted interactive SMART boards with LCD projectors. Additionally, the Lake Marion High School and Technology Center campus has spacious parking lots, onsite athletic facilities, and a walking track.

Total Enrollment	707
9th grade:	216
10th grade:	192
11th grade:	162
12th grade:	137

Number of faculty and staff: 120

**School Schedule: Block
2 Semesters**

90 Minute Class Quarter or Semester

Accreditation

AdvancED and the S.C. Department of Education

Curriculum

A multi-level instructional plan is offered, giving each student the opportunity to pursue individual goals. Students who seek higher education may pursue the Honors (H) or College Preparatory (CP) programs.

Honors (H) are limited to students who qualify based on test scores, grades, faculty recommendations, and the desire for rigorous study.

Advanced Placement courses are also offered in Human Geography, Biology, English Language and Composition, and US History.

Graduation Requirements

<u>Subject</u>	<u>Unit Requirements</u>
English	4
Math	4
Science	3
U.S. History	1
Economics	½
U.S. Government	½
Social Studies	1
Physical Ed or JROTC	1
Foreign Language or CATE	1
Computer Science	1
Personal Health	½
Electives	6½
Total	24

To qualify for the South Carolina high school diploma, students must earn units of credit as specified above and fulfill attendance requirements.

ACT WorkKeys

	2015	2016	2017
% Earning NCRC	81.8%	74.5%	67.7%
Bronze NCRC	41.4%	33%	39.4%
Silver NCRC	35.9%	37.2%	25.2%
Gold NCRC	4.4%	4.3%	3.2%

End of Course Exam Program Results % Passing

Subject	2015	2016	2017
English 1	37.5%	52%	52.1%
Algebra 1	63.3%	43.6%	65.7%
Biology	57%	52%	66.9%
US History	52.5%	50%	46.5%

ACT Mean Scores

	2015	2016	2017
English	15.6	14.3	14.9
Math	16.5	15.9	15.5
Reading	17.0	15.9	15.6
Science	16.9	16	16.7
Composite	16.7	15.7	15.8

SAT Mean Scores

	2015	2016	2017
Crit. Reading	433	413	446
Math	407	393	415
Writing	414	430	—
Composite	1254	1236	861

Four-Year Graduation Rate

2015 76.1% **2016** 78.5% **2017** 82%