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## 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.

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## 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.

### International Baccalaureate

On February 21, 2013, Lake Marion High School & Technology Center became an International Baccalaureate World School offering the Diploma Programme. The Diploma Programme curriculum is made up six subject groups and the DP core, comprising theory of knowledge (TOK), creativity, activity, service (CAS) and the extended essay. Available courses are Theory of Knowledge, English Literature, Biology, History of the Americas, ITGS (Information Technology in a Global Society), Mathematics, & Spanish/French.

Through the DP core, students reflect on the nature of knowledge, complete independent research and undertake a project that often involves community service.

### JROTC

The Army JROTC program at Lake Marion High School & Technology Center currently serves 271 students, which is 35% 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.



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## Lake Marion High School and Technology Center

*"A haven of excellence and high expectations"*

*Rose Pelzer, Principal*



**2014-2015**

## High School Profile

**3656 Tee Vee Road**

**P.O. Box 650**

**Santee, South Carolina 29142**

**Phone: (803) 854-9213**

**Fax: (803) 854-5202**

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

**Orangeburg Consolidated School District Three**

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## Community

Located in Orangeburg County Consolidated School District Three, Lake Marion High School and Technology Center is the second largest high school in Orangeburg County, with a student enrollment of 764. 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.

<b>Total Enrollment</b>	<b>764</b>
<b>9th grade:</b>	<b>247</b>
<b>10th grade:</b>	<b>199</b>
<b>11th grade:</b>	<b>174</b>
<b>12th grade:</b>	<b>144</b>

**Number of faculty and staff: 123**

**2014 Absolute Rating: Average**

**Federal Report Card Grade: 77.1 C**

## 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.

### Graduation Requirements

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

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

## End of Course Exam Program Results % Passing

First Attempt	Spring 2012	Spring 2013	Spring 2014
<b>Passed Both Parts</b>	67.1%	71.6%	73.1%
<b>Math</b>	67.9%	73.8%	72.7%
<b>ELA</b>	84.2%	83.7%	87.4%

### ACT Mean Scores

Subject	2012	2013	2014
<b>English 1</b>	38.5%	47%	45.8%
<b>Algebra 1</b>	48.8%	69.3%	60.4%
<b>Biology</b>	44.3%	52.8%	68.1%
<b>US History</b>	33.7%	25.4%	32.9%

	2012	2013	2014
<b>English</b>	16.2	15.4	15.1
<b>Math</b>	17.2	16.5	16.3
<b>Reading</b>	16.9	16.4	17.2
<b>Science</b>	17.0	16.9	16.8
<b>Composite</b>	17	16.4	16.5

### SAT Mean Scores

	2012	2013	2014
<b>Crit. Reading</b>	401	385	388
<b>Math</b>	430	409	400
<b>Writing</b>	411	415	401
<b>Composite</b>	1242	1209	1189

### On-Time Graduation Rate

<b>2012</b>	77.4%	<b>2013</b>	75.3%	<b>2014</b>	75.3%
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