
Special Programs

Orangeburg-Calhoun Tech Middle College

OC Tech Middle College blends high school and the first two years of college into one seamless program of study. 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.

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. All students see high school graduation as a launching pad to successful futures.

Jobs for America's Graduates (JAG)

The JAG model is a statewide dropout prevention and workforce preparation program for youth. The objective of the JAG program is to help youth secure a quality job that will lead to a good career. The LMHS JAG program is one of the best in the state and ranks third in South Carolina.

Credit Recovery

LMHS offers assistance to those students who find themselves falling behind. Students are given the opportunity to use computer-based instruction to recover credits they failed to earn. Credit Recovery sessions are offered throughout the year.

STEM Academy—Project Lead the Way

- **Pre-Engineering**—The PLTW Pathway To Engineering (PTE) program is a sequence of courses, which follows a proven hands-on, real-world problem-solving approach to learning. Students learn and apply the design process, acquire strong teamwork and communication proficiency and develop organizational, critical-thinking, and problem-solving skills. Students use the same industry-leading 3D design software used by companies like Intel, Lockheed Martin and Pixar. They design, test and actually construct circuits and devices such as smart phones and tablets and work collaboratively on a culminating capstone project.
- **Biomedical Science**—The PLTW Biomedical Sciences (BMS) Program offers students a hands-on, real-world problem-solving approach to learning. Students explore the concepts of human medicine and are introduced to topics such as physiology, genetics, microbiology and public health. They also explore the prevention, diagnosis and treatment of disease, working collaboratively to investigate and design innovative solutions to the health challenges of the 21st century such as fighting cancer with nanotechnology.

Accomplishments

- One Palmetto Scholar
 - Senior class amassed over \$3 Million in scholarships
 - The Jobs for America's Graduates Program (JAG) placed 1st in the state at their annual competition.
 - Lake Marion HS 2012 Special Olympics Team won 28 ribbons at the S.C. Area II Special Olympics games..
 - LMHS placed 2nd in the Magnet Schools of America poster contest.
 - OC Tech Engineering Field Day: 2nd place Bridge Competition.
 - Skills USA Pre-engineering team placed 2nd in the Engineering Technology Competition.
 - LMHS Band finished 13th at South Carolina State Marching Championship
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Lake Marion High School and Technology Center

*High Expectations, High Standards,
Unprecedented Performance*

Rodney C. Zimmerman, Principal



**2012 Annual Report
Orangeburg County Consolidated
School District Three**

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Orangeburg Consolidated School District Three



LMHS Mission Statement

The mission of Lake Marion High School & Technology Center, in collaboration with parents and stakeholders, is to provide a safe learning environment that ensures all students value diversity, respect other cultures, and achieve their full potential to become life-long learners who are competitive citizens in a global society.

LMHS Beliefs

We, Lake Marion High School and Technology Center, believe that

- community involvement is vital to the success of our schools.
- learning is a lifelong process.
- effective and honest communication among all stakeholders is vital.
- learning is a shared responsibility between home and school.
- all students are capable of learning.
- student commitment is essential to learning.
- stakeholders bring value and integrity to the educational process.
- student/parent/teacher relationships are vital to a quality education.
- respect is a key component of good citizenship.
- the integration of career and technical education provides an avenue for student success.

Curriculum

Lake Marion High School and Technology Center offers a multi-level instructional program, which includes an Advanced Placement Program (AP), Honors Program, College Preparation Program (College Prep), and Special Education courses. Students may qualify for academic college credit by enrolling in AP courses and/or participating in the Middle College Program offered in partnership with Orangeburg-Calhoun Technical College. Students with special needs and disabilities are placed in special education classes according to their disabilities. Additionally, we provide diagnostic and remedial services, as well as credit recovery (PLATO and APEX) to our students.

In addition, Lake Marion High School & Technology Center offers students the option of selecting between two magnet academies. In the 2011—2012 school year, students in grades 9 and 10 chose between the International Baccalaureate (IB)* program and the STEM (Science, Technology, Engineering, and Math) program. LMHS is an International Baccalaureate Candidate School.

*Only schools authorized by the IB Organization can offer any of its three academic programmes: the Primary Years Programme (PYP), the Middle Years Programme (MYP), or the Diploma Programme (and in addition the IB Career-related Certificate). Candidate status gives no guarantee that authorization will be granted.

High School Assessment Program Results

First Attempt	Spring 2009	Spring 2010	Spring 2011
Passed Both Parts	66.0%	71.3%	60.7%
Math	68.7%	73.6%	63.4%
ELA	81.1%	82.9%	79.6%

End of Course Exam Program Results

Subject	2009	2010	2011
English 1	55.3%	45.0%	24.0%
Algebra 1	68.2%	54.5%	42.6%
Physical Science	43.5%	49.8%	14.8%
Biology	N/A	N/A	46.2%
US History	9.6%	19.1%	17.8%

% Passing ACT Mean Scores

	2009	2010	2011
English	15.0	15.1	16.1
Math	16.9	16.7	17.1
Reading	15.7	16.0	16.8
Science	17.8	16.8	17.1
Composite	16.5	16.3	16.9

SAT Mean Scores

	2009	2010	2011
Crit. Reading	434	492	411
Math	461	461	424
Writing	459	470	401
Composite	1354	1423	1236