

Mahwah High School

Engineering and Technology Pathway Commitment Application

Students who choose to engage the *MHS Career Pathway Endorsement* will develop skills in the areas of science, technology, engineering, art, and mathematics to apply their learning in the context of real-world challenges. Students will investigate critical local and global issues and create innovative solutions. MHS Career Pathway courses are designed on the following five pillars: critical thinking, experiential learning, collaboration, interdisciplinary connections, and communication.

Required Science and Mathematics Courses	Credits
Mathematics Courses (minimum sequence Algebra, Geometry, Algebra 2)	15 high school credits
Science Courses (minimum sequence Biology, Chemistry, Physics)	18 high school credits

Career Pathway Focused Elective Courses	15 Total Elective Credits

Endorsement requirements for the Engineering and Technology Pathway:

An endorsement on your transcript, signifying your academic achievement in the Engineering and Technology Pathway, will be awarded to students who complete the following academic, community-based, and authentic co-curricular requirements:

Academic	➤ Completion of required/elective courses in the career pathway totaling 48 credits ➤ >80% (B) in all pathway focused elective courses	
Co-curricular	➤ Active participation in FIRST Robotics or another preapproved engineering co-curricular activity	
Community based	➤ Successful completion of approved Internship or ➤ approved job shadowing externship minimum five to eight (5-8) hours) or ➤ approved senior capstone project of thirty (30) hours of pre-approved community service related to your selected career pathway or ➤ approved Option Two experience related to your selected career pathway	

By signing this Engineering and Technology Pathway Commitment, I am aware of the above requirements to receive a transcript endorsement. To receive a MHS Career Pathway Endorsement, all required course work must be completed at Mahwah High School. The endorsement is awarded to students upon the successful completion of their senior year.

Student Full Name (print)

Date

Student Signature

Grade



Mahwah High School
Guidance and School Counseling
Services Department
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