

Required Courses for Agriculture Mechanization

This four-year plan of study should serve as a guide as you develop your academic core requirements and electives.
All plans should meet MAHS graduation requirements.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Choose One: <ul style="list-style-type: none"> • English Language Arts 9 • Honors English Language Arts 9 Required: <ul style="list-style-type: none"> • Career Communications • Research Writing and Public Speaking 	Choose One: <ul style="list-style-type: none"> • English Language Arts 10 • Honors English Language Arts 10 Required (if not taken in 10th grade): <ul style="list-style-type: none"> • Research Writing and Public Speaking 	Choose One: <ul style="list-style-type: none"> • English Language Arts 11 • American Literature • AP English Language and Composition 	Choose One: <ul style="list-style-type: none"> • English Language Arts 12 • American Literature • British Literature • AP English Literature and Composition • English Composition • MPower
Choose One: <ul style="list-style-type: none"> • Pre-Algebra • Algebra I • Algebra II • Honors Algebra II • Geometry • Honors Geometry –Trigonometry 	Choose One: <ul style="list-style-type: none"> • Algebra I • Algebra II • Honors Algebra II • Pre-Calculus • Geometry • Trigonometry • Honors Geometry – Trigonometry • Advanced Math 	Choose One: <ul style="list-style-type: none"> • Algebra II • Honors Algebra II • Advanced Math • Geometry • Pre-Calculus • Trigonometry with Selected Topics • Probability and Statistics • AP Calculus AB • AP Statistics 	Choose One: <ul style="list-style-type: none"> • Algebra II • Geometry • Trigonometry with Selected Topics • Advanced Math • Probability and Statistics • AP Calculus AB • AP Statistics • MPower
Choose One: <ul style="list-style-type: none"> • Biology A • Biology • Honors Biology 	Choose One: <ul style="list-style-type: none"> • Earth Science • Chemistry • Biology B 	Choose One: <ul style="list-style-type: none"> • Biology B • Earth Science • Physical Science • Anatomy and Physiology • Chemistry • Physics • AP Chemistry • AP Biology 	Choose One: <ul style="list-style-type: none"> • Physics • Anatomy and Physiology • AP Biology • AP Chemistry • AP Physics • Physical Science
Choose One: <ul style="list-style-type: none"> • American Cultures • Honors American Cultures 	Choose One: <ul style="list-style-type: none"> • American Cultures II • Honors American Cultures II • AP United States History 	Choose One: <ul style="list-style-type: none"> • World Cultures • Honors World Cultures • AP European History Choose One: <ul style="list-style-type: none"> • Economics • Consumer Economics 	Choose One: <ul style="list-style-type: none"> • Psychology/Government • AP Psychology • MPower
Required: <ul style="list-style-type: none"> • Health/Physical Education 	Required: <ul style="list-style-type: none"> • Physical Education • Drivers Safety Education 	Required: <ul style="list-style-type: none"> • Physical Education 	Required: <ul style="list-style-type: none"> • Physical Education
Recommended for College Bound Students: <ul style="list-style-type: none"> • World Language 	Recommended for College Bound Students: <ul style="list-style-type: none"> • World Language 	Recommended for College Bound Students: <ul style="list-style-type: none"> • World Language 	Recommended for College Bound Students: <ul style="list-style-type: none"> • World Language
Required: <ul style="list-style-type: none"> • Intro to Ag • Masonry/Plumb • Electrical 	Required: <ul style="list-style-type: none"> • Intro to Construction • Engines • Welding/Metal • Ag Fab I 	Required: <ul style="list-style-type: none"> • Sustainable Ag • Farm Management • Ag Fab, Des, and Restoration II and III 	Required: <ul style="list-style-type: none"> • Ag Fab, Des, and Rest III, IV, and V • Landscaping
<ul style="list-style-type: none"> • Electives 	<ul style="list-style-type: none"> • Electives 	<ul style="list-style-type: none"> • Electives 	<ul style="list-style-type: none"> • Electives