

Technology

The following courses satisfy the 1 credit minimum technology requirement for graduation.

Code	Course	Grade	Prerequisite
516100	Foundations of Technology A*	9-12	
516200	Foundations of Technology B*	9-12	
420800	Communication Systems Technology A**	10-12	
420900	Communication Systems Technology B**	10-12	Comm Systems Tech A
421000	Pre-Engineering A**	10-12	
421100	Pre-Engineering B**	10-12	Pre-Engineering A

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** May count toward a program completer in Advanced Technology.

Computer Science

Code	Course	Grade	Prerequisite
290300	Software Applications by Design A*	9-12	
290400	Software Applications by Design B*	9-12	Software Apps A
290500	Advanced Software Apps by Design A**	10-12	Software Applications by Design
290600	Advanced Software Apps by Design B**	10-12	Adv. Software Apps A
299100	Web Design A**	10-12	Digital Art or Programming course
299200	Web Design B**	10-12	Web Design A
296400	Discovering Programming Concepts A*	9-12	Algebra 1
296700	Discovering Programming Concepts B*	9-12	Disc Programming Concepts A
421400	MicroComputer Tech-IT Essentials A**	10-12	Found of Tech or Disc Prog Recommended
421500	MicroComputer Tech-IT Essentials B**	10-12	Microcomp Tech A
421800	Network Engineering and Mgmt A	11,12	Microcomp Tech
421900	Network Engineering and Mgmt B	11,12	Network Eng and Mgmt A
298900	Honors Computer Programming 1A*	9-12	Concurrent Honors Geom or higher
299000	Honors Computer Programming 1B*	9-12	Honors Comp Prog 1A
290100	AP Computer Programming 2A**	10-12	Honors Computer Programming 1
290200	AP Computer Programming 2B**	10-12	AP Comp Prog 2A
296500	AP Computer Programming 3A**	11-12	AP Computer Programming 2
296600	AP Computer Programming 3A**	11-12	AP Comp Prog 3A
290710	Computer Science Intern A	12	AP Comp Science, Teacher App
290720	Computer Science Intern B	12	AP Comp Science, Teacher App

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Business Education

Code	Course	Grade	Prerequisite
411100	Accounting A**	10-12	
411200	Accounting B**	10-12	Accounting A

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Family and Consumer Science**

Code	Course	Grade	Prerequisite	Fee
484300	Food Trends and Technology A*	11-12		\$25
484400	Food Trends and Technology B*	11-12	Food Trends and Tech A	\$25
463000	Intern'l Culture & Cuisines A (ProStart 1)	10-12		\$35
464000	Intern'l Culture & Cuisines B (ProStart 1)	10-12	Int'l Culture & Cuisines A	\$35
482500	Culinary Essentials A (ProStart 2)	10-12	Int'l Culture & Cuisines	\$40
482600	Culinary Essentials B (ProStart 2)	10-12	Culinary Essentials A	\$40
481600	Hospitality Management Internship	12	Culinary Essentials concurrent	
484700	Child Development 1A	10-12		
484800	Child Development 1B	10-12	Child Dev 1A	
484900	Child Development 2A	11-12	Child Dev 1	
485000	Child Development 2B	11-12	Child Dev 2A	
486600	Child Development 3A	12	1 credit Child Dev/Teacher Approval	
486700	Child Development 3B	12	Child Dev 3A	
486000	Child Development Internship A	11-12	1 credit Child Development Teacher Approval	
486100	Child Development Internship B	11-12	1 credit Child Development Teacher Approval	
486200	Child Development Internship A (dbl)	11-12	1 credit Child Development Teacher Approval	
486300	Child Development Internship B (dbl)	11-12	1 credit Child Development Teacher Approval	

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Cooperative Work Experience (CWE)**

Students who enroll in OJT must also enroll in CWE.

The CWE/OJT program requires students to secure and maintain employment.

Code	Course	Grade	Prerequisite
542500	Cooperative Work Experience A	11-12	
542600	Cooperative Work Experience B	11-12	Coop Work Exp A
543900	On-the-Job Training (OJT) A	11-12	
544000	On-the-Job Training B	11-12	OJT A
544100	On-the-Job Training A (double period)	11-12	
544200	On-the-Job Training B (double period)	11-12	OJT A
544300	On-the-Job Training A (triple period)	11-12	
544400	On-the-Job Training B (triple period)	11-12	OJT A

*** Students who do not take Foreign Language can complete their credits for graduation through these programs.
Please see your counselor for details and credit requirements.*

<http://www.mcps.k12.md.us/curriculum/coursebulletin/>