

**CAREER AND TECHNOLOGY EDUCATION**  
**Programs of Study and Electives – 2011-2012 School Year**

MAGNET/TECHNICAL SCHOOLS

Cluster/Program or Elective Courses	MAGNET/TECHNICAL SCHOOLS					Comprehensive High Schools
	Carver	Eastern	Milford Mill	Sollers Point	Western	
<b>Arts, Media &amp; Communication Cluster Completer Programs</b>						<b>School to Career Supervisor</b>
Graphic/Print Communications Technology				X	X	Kenwood, Overlea High Schools
Interactive Media Production	X	X				Pikesville High School, Catonsville, Franklin, Parkville High Schools
Communication and Broadcast Technology						Dundalk, Overlea High Schools
<b>Health &amp; Biosciences Cluster Completer Programs</b>						<b>Technical Programs Supervisor</b>
Academy of Health Professions (AoHP): Allied Health		X				
AoHP: Allied Health Certified Nursing Assistant				X		
AoHP: Health Science Technology					X	
AoHP: Health Science Technology Academy			X			
Project Lead The Way: Biomedical Sciences						Lansdowne, Overlea, Woodlawn High Schools
<b>Business Management &amp; Finance Cluster Completer Programs</b>						<b>Business Education Supervisor</b>
Business Management		X	X		X	All High Schools Eligible
Finance & Accounting	X	X	X		X	All High Schools Eligible
Administrative Services			X	X		All High Schools Eligible except Chesapeake, Dundalk, Patapsco, Perry Hall, Sparrows Point High Schools
Marketing						All High Schools Eligible
Academy of Finance						Lansdowne, Overlea, Randallstown High Schools
<b>Human Resource Services Cluster Completer Programs</b>						<b>Family and Consumer Sciences Supervisor</b>
Child Care Services			X			Catonsville, Dulaney, Dundalk, Kenwood, Lansdowne, Loch Raven, New Town, Overlea, Patapsco, Woodlawn High Schools
Criminal Justice Technology		X				Chesapeake, Dundalk, Patapsco High Schools
School Age Child Development & Care Services						Hereford, Parkville, Perry Hall, Sparrows Point High Schools
Homeland Security and Emergency Preparedness						Dundalk High School
Human Services Associate			X			Dundalk, Kenwood, New Town, Overlea, Patapsco High Schools
Teacher Academy of Maryland		X				Dundalk High School
<b>Consumer Services, Hospitality &amp; Tourism Cluster Completer Programs</b>						<b>Family and Consumer Sciences Supervisor</b> <b>Technical Programs Supervisor</b>
Cosmetology Careers	X		X	X	X	
Culinary Arts & Restaurant Mgmt.	X	X		X	X	
Professional Image Services						Woodlawn High School
Nutrition & Food Science Associate						Dundalk, Kenwood, Lansdowne, New Town, Parkville, Woodlawn High Schools
Retail Merchandising & Visual Presentation						Overlea, Randallstown, Woodlawn High Schools
<b>Information Technology Cluster Completer Programs</b>						<b>Business Education Supervisor</b>
Information Technology: Programming	X		X		X	Catonsville, Chesapeake, Hereford, Woodlawn High Schools
Information Technology : Cisco Networking		X	X	X	X	Parkville, Dulaney, New Town High Schools

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<b>Construction &amp; Development Cluster Completer Programs</b>						<b>Technical Programs Supervisor</b>
Carpentry Careers	X			X		Perry Hall, Owings Mills, Kenwood, Lansdowne High Schools
Electrical Careers				X		Lansdowne and Overlea High Schools
Mechanical Construction/Plumbing Careers					X	Kenwood High School
Heating/Ventilation/Air Conditioning/Welding						Dulaney and Overlea High Schools
Construction Management		X	X			New Town High School
<b>Environmental, Agricultural &amp; Natural Resource Systems Cluster Completer Programs</b>						<b>Technical Programs Supervisor</b>
Agriscience: Animal & Environmental Sciences						Hereford High School
Agriscience: Plant & Environmental Sciences						Hereford High School
Environmental Technology					X	
<b>Manufacturing Engineering &amp; Technology Cluster Completer Programs</b>						<b>Technology Education Supervisor</b>
Computer Aided Technical Drafting (CAD)			X			
Engineering Careers		X				
Engineering Technician				X		
Project Lead The Way: Engineering						Chesapeake, Dulaney, Parkville, Pikesville, Woodlawn High Schools
<b>Transportation Technology Cluster Completer Programs</b>						<b>Technical Programs Supervisor</b>
Automotive Service Technology		X	X	X	X	
Diesel Truck and Power Systems Technology				X		
<b>School To Career Transition Completer Program</b>						<b>School to Career Supervisor</b>
Career Research and Development (CRD)						All Comprehensive High Schools
<b>School To Career Transition Elective Courses</b>						<b>School to Career Supervisor</b>
Internship						All Comprehensive High Schools
<b>Junior Reserve Officers' Training Corps- JROTC Leadership Program Elective Courses</b>						<b>JROTC Facilitator</b>
Army JROTC						Lansdowne, Patapsco High Schools
Air Force JROTC						Kenwood High School
Navy JROTC						Dundalk, Randallstown, Woodlawn High Schools
Marine Corps JROTC			X			Chesapeake, Franklin, Overlea, Parkville High Schools
<b>Family and Consumer Sciences Elective Courses</b>						<b>Family and Consumer Sciences Supervisor</b>
High School Family & Consumer Sciences						Elective course offerings vary by school
<b>Technology Education Required and Elective Courses</b>						<b>Technology Education Supervisor</b>
Technology Education: Required One Credit Course for High School Graduation	X	X	X	X	X	All Comprehensive High Schools
Advanced Technology Education Courses						All Comprehensive High Schools; Course offerings vary by school