



## 2009-2010 Articulated Career Pathway Programs by Cluster

Clusters	Career Pathway Programs	Available Articulated College Tech Prep Credits
<i>Arts, Humanities, Media, and Communications</i>	Broadcast Media	<b>In development</b>
	Multimedia and Interactive Technologies	<b>In development</b>
	Printing, Graphics, and Electronic Media	<b>In development</b>
<i>Biosciences, Health Science, and Medicine</i>	Biotechnology	<b>Up to 7 credits</b>
	Medical Careers	<b>Up to 5 credits</b>
<i>Business Management and Finance</i>	Academy of Finance, National	<b>Up to 13 credits</b>
	Accounting	<b>Up to 10 credits</b>
	Business Administration and Management	<b>Up to 15 credits</b>
	Marketing	<b>In development</b>
<i>Education , Training, and Child Studies</i>	Early Child Development	<b>Up to 9 credits</b>
	Teacher Academy of Maryland	<b>Pending</b>
<i>Engineering, Scientific Research, and Manufacturing Technologies</i>	Advanced Engineering (Project Lead the Way)	<b>Up to 3 credits</b>
	Pre-Engineering	<b>Pending</b>
<i>Environmental, Agricultural, and Natural Resources</i>	Environmental Horticulture	<b>In development</b>
	Green Industry Management	<b>In development</b>
	Landscape Design	<b>In development</b>
<i>Human and Consumer Services, Hospitality, and Tourism</i>	Academy of Hospitality and Tourism, National	<b>Pending</b>
	Cosmetology	<b>No related program at MC</b>
	Hospitality Management	<b>Only at AACC*</b>
	Nail Technology	<b>No related program at MC</b>
	Professional Restaurant Management	<b>Up to 1 credit</b>
<i>Information Technology</i>	Academy of Information Technology, National	<b>Up to 24 credits</b>
	Cisco Academy	<b>Up to 24 credits</b>
	Computer Programming	<b>Up to 18 credits</b>
	Network Operations	<b>Up to 9 credits</b>
	Oracle Academy	<b>Up to 16 credits</b>
	Software Applications by Design	<b>Up to 3 credits</b>
<i>Law, Government, Public Safety and Administration</i>	Fire and Rescue Services/Emergency Medical Technician	<b>Up to 10 credits</b>
	Justice, Law, and Society	<b>Up to 6 credits</b>

**Note:** Students completing the articulation process between Montgomery County Public Schools and Montgomery College receive **FREE** College Tech Prep credits at Montgomery College. These career pathway programs are for students that entered Grade 9 for the first time in 2008 and will graduate in June, 2012.



## 2009-2010 Articulated Career Pathway Programs by Cluster

### Foundations Career Pathway Programs

Clusters	Career Pathway Programs	Available Articulated College Tech Prep Credits
<i>Construction and Development</i>	Carpentry	<b>Up to 7 credits</b>
	Electricity	<b>Up to 7 credits</b>
	HVAC	<b>Up to 7 credits</b>
	Masonry	<b>Up to 3 credits</b>
	Plumbing	<b>Up to 7 credits</b>
	Principles of Architecture and CAD Technology	<b>Up to 3 credits</b>
<i>Transportation, Distribution, and Logistics</i>	Automotive Body/Technology Dealership Training	<b>Up to 3 credits</b>
	Automotive Technology/Dealership Training	<b>Up to 3 credits</b>
	Foundations of Automotive Technology	<b>Up to 3 credits</b>

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