



Advanced Placement and Honors Courses Career Pathway Programs by Cluster 2009-2010

College Tech Prep Clusters	Career Pathway Programs	Advanced Placement and Honors Courses
Arts, Humanities, Media, and Communications	Multimedia and Interactive Technologies	2936/2937 Advanced Web Tools and Digital Media (Advanced Level)
Biosciences, Health Science, and Medicine	Academy of Health Professions	3641/3642 Biology (Advanced Placement) 3651/3653 Biology (DP) (Advanced Placement) 3741/3742 Chemistry (Advanced Placement) 3751/3752 Chemistry (DP) (Advanced Placement) 3869/3870 Internship Biosciences A/B (Advanced Level) 3875/3876 Guided Research in Biotechnology A/B (Advanced Level) 3879 College, Biosciences (Advanced Level) 4042/4043 Anatomy and Physiology for Health Professions A/B
	Biotechnology	3641/3642 Biology (Advanced Placement) 3651/3653 Biology (DP) (Advanced Placement) 3659/3660 Environmental Science A/B (Advanced Placement) 3741/3742 Chemistry (Advanced Placement) 3751/3752 Chemistry (DP) (Advanced Placement) 3867/3868 Molecular Biotechnology A (DP) (Advanced Level) 3869/3870 Internship Biosciences A/B (Advanced Level) 3871/3872 Special Topics in Biotechnology A/B (Advanced Level) 3875/3876 Guided Research in Biotechnology A/B (Advanced Level) 3879 College, Biosciences (Advanced Level)
Business Management and Finance	National Academy Of Finance	2315 Economics, Macroeconomics (Advanced Placement) 2316 Economics, Microeconomics (Advanced Placement) 4103 Financial Planning (Advanced Level) 4107 International Finance (Advanced Level)
	Accounting	4113/4114 Accounting, Advanced A/B (Honors)
	Business Management	4046/4047 Business Administration Guided Research A/B (Honors) 4138 Securities and Insurance (Advanced Level)



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Engineering, Scientific Research, and Manufacturing Technologies	Advanced Engineering (Project Lead the Way)	4255/4256 Civil Engineering and Architecture (Advanced Level) 5150/5151 Principles of Engineering (Advanced Level) 5154/5155 Computer Integrated Manufacturing (Advanced Level) 5156/5157 Digital Electronics A/B (Advanced Level) 5158/5159 Engineering Design and Development (Advanced Level) 5721/5722 Aerospace Engineering (Advanced Level)
Information Technologies	National Academy of Information Technology	2936/2937 Advanced Web Tools and Digital Media (Advanced Level) 2989/2990 Computer Programming 1 A/B (Advanced Level) 2901/2902 Computer Programming 2, (Advanced Placement) Computer Science (Advanced Placement) 2965/2966 Computer Programming 3 Advanced Placement Computer Science A/B (Advanced Placement) 4200/4210 Computer Programming 1 A/B (Advanced Level) 4230/4231 Advanced Network Engineering and Management (Advanced Level) 4232/4233 Database Administration Programming (Advanced Level)
	Cisco Networking Academy	4230/4231 Advanced Network Engineering and Management (Advanced Level)
	Oracle Internet Academy	4232/4233 Database Administration Programming (Advanced Level)
Law, Government, Public Safety, and Administration	Justice, Law, and Society	2145 Government, Comparative Politics and Government (Advanced Placement) 2315 Economics, Macroeconomics (Advanced Placement) 2316 Economics, Microeconomics (Advanced Placement) 2330/2331 Psychology A/B (Advanced Placement) 5134 Contemporary Issues in Justice, Law, and Society (DP) (Advanced Level) 5144/5145 Contemporary Issues in Justice, Law, and Society A/B (Advanced Level) 5142 Internship, Law, Government and Public Safety (Advanced Level) 5177 College Law/Public Safety A/B (Advanced Level)