

# CAREER ACADEMIES and Pathways 2022-2023

Health Academy	Technology Academy	Arts and Entrepreneurial Academy	Public Services Academy
<p><b>Health Science and Medical Technology Industry Sector - Patient Care Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Sports Med</li> <li><input type="checkbox"/> Advanced Sports Med</li> </ul> <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Anatomy/Physiology</li> <li><input type="checkbox"/> Sports Management</li> <li><input type="checkbox"/> Biotechnology</li> <li><input type="checkbox"/> Health Careers Core</li> <li><input type="checkbox"/> AP Psychology/Psychology</li> <li><input type="checkbox"/> Sociology</li> <li><input type="checkbox"/> AP Chemistry</li> </ul>	<p><b>Engineering and Architecture Industry Sector – Engineering Technology Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ROP Robotics Engineering</li> <li><input type="checkbox"/> Robotics Eng. II</li> </ul> <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> AP Physics/Physics</li> <li><input type="checkbox"/> AP Computer Science A</li> <li><input type="checkbox"/> Computer Programming</li> <li><input type="checkbox"/> AP Statistics/Statistics</li> </ul>	<p><b>Business and Finance Industry Sector – Business Management Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Business Communication (semester only course)</li> <li><input type="checkbox"/> Business &amp; Personal Finance</li> <li><input type="checkbox"/> Virtual Enterprise</li> </ul> <p><u>Plus 25 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Intro to Mass Media</li> <li><input type="checkbox"/> ROP Adv. Video Productions</li> <li><input type="checkbox"/> Intro to Broadcasting</li> <li><input type="checkbox"/> Computer Keyboarding (semester only course)</li> <li><input type="checkbox"/> Microsoft Office (semester only course)</li> <li><input type="checkbox"/> AP Statistics/Statistics</li> <li><input type="checkbox"/> Financial Algebra</li> </ul>	<p><b>Public Service Sector - Legal Practices Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Foundations of Law, Gov and Public Services</li> <li><input type="checkbox"/> ROP Law Enforcement (Articulated with LMC A.J. 110)</li> <li><input type="checkbox"/> Mock Trials, Moot Courts and Trial Advocacy</li> </ul> <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Leadership</li> <li><input type="checkbox"/> Child Development</li> <li><input type="checkbox"/> Speech &amp; Debate/Adv Speech &amp; Debate</li> <li><input type="checkbox"/> AP Language/AP Literature</li> <li><input type="checkbox"/> Air Force JROTC 1,2,3,4</li> <li><input type="checkbox"/> AP World History</li> <li><input type="checkbox"/> AP US History</li> <li><input type="checkbox"/> AP Government &amp; US Politics</li> <li><input type="checkbox"/> AP Macro Economics</li> </ul>
<p><b>Health Science and Medical Technology Industry Sector - Biotechnology Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Health Careers Core</li> <li><input type="checkbox"/> Biotechnology</li> </ul> <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Anatomy/Physiology</li> <li><input type="checkbox"/> AP Biology</li> <li><input type="checkbox"/> AP Chemistry</li> <li><input type="checkbox"/> Speech &amp; Debate/Adv Speech &amp; Debate</li> <li><input type="checkbox"/> AP Calculus AB</li> <li><input type="checkbox"/> AP Calculus BC</li> </ul>	<p><b>Information and Communication Technologies Industry Sector – Information Support and Services Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Exploring Computer Science</li> <li><input type="checkbox"/> Comp. Service/Repair I</li> <li><input type="checkbox"/> Comp. Service/Repair II</li> </ul> <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> AP Computer Science A</li> <li><input type="checkbox"/> ROP Robotics Engineering</li> <li><input type="checkbox"/> AP Physics/Physics</li> </ul>	<p><b>Arts, Media, and Entertainment Industry Sector – Design, Visual, and Media Arts Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Design I</li> <li><input type="checkbox"/> Design II</li> </ul> <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Intro Art History</li> <li><input type="checkbox"/> AP Art History</li> <li><input type="checkbox"/> Intermediate Art</li> <li><input type="checkbox"/> Advanced Art</li> <li><input type="checkbox"/> Ceramics I/II</li> <li><input type="checkbox"/> AP Studio Art 2D/3D</li> </ul>	<p><b>Education, Child Development, and Family Services Industry Sector - Education Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Child Development</li> <li><input type="checkbox"/> TLC (Teaching Internship)</li> </ul> <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Foundations of Law, Gov and Public Services</li> <li><input type="checkbox"/> Speech &amp; Debate/Adv Speech &amp; Debate</li> <li><input type="checkbox"/> AP Human Geography</li> <li><input type="checkbox"/> AP Psychology/Psychology</li> <li><input type="checkbox"/> Sociology</li> <li><input type="checkbox"/> Ethnic Studies</li> </ul>
	<p><b>Information and Communication Technologies Industry Sector - Software and Systems Development Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Exploring Computer Science</li> <li><input type="checkbox"/> Computer Programming</li> <li><input type="checkbox"/> AP Computer Science A</li> </ul> <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Comp. Service and Repair I</li> <li><input type="checkbox"/> Comp. Service and Repair II</li> <li><input type="checkbox"/> ROP Robotics Engineering</li> <li><input type="checkbox"/> AP Calculus AB</li> <li><input type="checkbox"/> AP Calculus BC</li> </ul>	<p><b>Arts, Media, and Entertainment Industry Sector – Production and Managerial Arts Pathway (Video)</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Intro to Broadcasting</li> <li><input type="checkbox"/> Art of Video Production</li> <li><input type="checkbox"/> ROP Advance Video Production</li> </ul> <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Intro to Mass Media</li> <li><input type="checkbox"/> Literary Analysis of Film</li> <li><input type="checkbox"/> Creative Writing</li> <li><input type="checkbox"/> ROP Digital Recording (Articulated with LMC RA-25)</li> <li><input type="checkbox"/> Screenwriting</li> <li><input type="checkbox"/> Sports Broadcasting</li> </ul>	
<p><b>Academy Internship</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Course taken senior year</li> <li><input type="checkbox"/> Junior Academy students may apply to take the Academy Internship Class for their senior year</li> <li><input type="checkbox"/> See Academy Coordinator or Counselor for details</li> </ul>		<p><b>Arts, Media, and Entertainment Industry Sector – Visual/Commercial Art Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Intro to Mass Media</li> <li><input type="checkbox"/> ROP Journalism</li> <li><input type="checkbox"/> ROP Publications</li> </ul> <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Literary Analysis of Film</li> <li><input type="checkbox"/> Creative Writing</li> <li><input type="checkbox"/> ROP Digital Recording</li> <li><input type="checkbox"/> Screenwriting</li> <li><input type="checkbox"/> Intro to Broadcasting</li> <li><input type="checkbox"/> ROP Adv Video Productions</li> <li><input type="checkbox"/> Sports Broadcasting</li> <li><input type="checkbox"/> Speech &amp; Debate/Adv Speech &amp; Debate</li> </ul>	<p><b>Hospitality, Tourism and Recreation Sector - Food Service and Hospitality Pathway</b></p> <p><b>Required courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Culinary Arts I</li> <li><input type="checkbox"/> Culinary Arts II</li> </ul> <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Design I</li> <li><input type="checkbox"/> Financial Algebra</li> <li><input type="checkbox"/> Business Communication (semester only course)</li> <li><input type="checkbox"/> Personal Business/Finance</li> <li><input type="checkbox"/> Virtual Enterprise</li> <li><input type="checkbox"/> Foundations of Law, Gov and Public Services</li> </ul>