

CAREER ACADEMIES and Pathways 2021-2022

Health Academy	Technology Academy	Arts and Entrepreneurial Academy	Public Services Academy
<p>Health Science and Medical Technology Industry Sector- Patient Care Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sports Med <input type="checkbox"/> Advanced Sports Med <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Anatomy/Physiology <input type="checkbox"/> Sports Management <input type="checkbox"/> Biotechnology <input type="checkbox"/> Health Careers Core <input type="checkbox"/> AP Psychology/Psychology <input type="checkbox"/> AP Chemistry 	<p>Engineering and Architecture Industry Sector – Engineering Design Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Jumpstart to Engineering <input type="checkbox"/> Design Drafting <input type="checkbox"/> ROP CADD/CADD <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> AP Physics/Physics <input type="checkbox"/> AP Statistics/Statistics <input type="checkbox"/> AP Calculus <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Biotechnology <input type="checkbox"/> Design I <p>Not offering REQUIRED courses for 2021-2022 school year due to no instructor</p>	<p>Business and Finance Industry Sector – Business Management Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Business Communication (semester only course) <input type="checkbox"/> Business & Personal Finance <input type="checkbox"/> Virtual Enterprise <p><u>Plus 25 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Intro to Mass Media <input type="checkbox"/> ROP Adv. Video Productions <input type="checkbox"/> Intro to Broadcasting <input type="checkbox"/> Computer Keyboarding (semester only course) <input type="checkbox"/> Microsoft Office (semester only course) <input type="checkbox"/> AP Statistics/Statistics <input type="checkbox"/> Financial Algebra 	<p>Public Service Sector - Legal Practices Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Foundations of Law, Gov and Public Services <input type="checkbox"/> ROP Law Enforcement (Articulated with LMC A.J. 110) <input type="checkbox"/> Mock Trials, Moot Courts and Trial Advocacy <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Leadership <input type="checkbox"/> Child Development <input type="checkbox"/> Speech and Debate <input type="checkbox"/> AP Language/AP Literature <input type="checkbox"/> Air Force JROTC 1,2,3,4 <input type="checkbox"/> AP World History <input type="checkbox"/> AP US History <input type="checkbox"/> AP Government & US Politics <input type="checkbox"/> AP Macro Economics
<p>Health Science and Medical Technology Industry Sector- Biotechnology Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Health Careers Core <input type="checkbox"/> Biotechnology <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Anatomy/Physiology <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Speech & Debate <input type="checkbox"/> AP Calculus 	<p>Engineering and Architecture Industry Sector – Engineering Technology Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Jumpstart to Engineering <input type="checkbox"/> ROP Robotics Engineering <input type="checkbox"/> ROP Robotics Eng. II <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> AP Physics/Physics <input type="checkbox"/> ROP CADD/CADD <input type="checkbox"/> AP Computer Science A <input type="checkbox"/> Design Drafting <p>Not offering REQUIRED courses for 2021-2022 school year due to no instructor</p>	<p>Arts, Media, and Entertainment Industry Sector – Design, Visual, and Media Arts Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Design I <input type="checkbox"/> Design II <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Intro Art History <input type="checkbox"/> AP Art History <input type="checkbox"/> Intermediate Art <input type="checkbox"/> Advanced Art <input type="checkbox"/> Ceramics I <input type="checkbox"/> Ceramics II <input type="checkbox"/> AP Studio Art <input type="checkbox"/> ROP CADD/CADD 	<p>Education, Child Development, and Family Services Industry Sector- Education Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Child Development <input type="checkbox"/> TLC (Teaching Internship) <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> World Cultures/Geography <input type="checkbox"/> Foundations of Law, Gov and Public Services <input type="checkbox"/> Speech and Debate <input type="checkbox"/> AP Human Geography <input type="checkbox"/> AP Psychology/Psychology <input type="checkbox"/> Sociology
	<p>Information and Communication Technologies Industry Sector – Information Support and Services Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Exploring Computer Science <input type="checkbox"/> Comp. Service/Repair I <input type="checkbox"/> Comp. Service/Repair II <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> AP Computer Science A <input type="checkbox"/> ROP Robotics Engineering <input type="checkbox"/> AP Physics/Physics 	<p>Arts, Media, and Entertainment Industry Sector – Production and Managerial Arts Pathway (Video)</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Intro to Broadcasting <input type="checkbox"/> Art of Video Production <input type="checkbox"/> ROP Advance Video Production <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Intro to Mass Media <input type="checkbox"/> Literary Analysis of Film <input type="checkbox"/> Creative Writing <input type="checkbox"/> ROP Digital Recording <input type="checkbox"/> Screenwriting <input type="checkbox"/> Sports Broadcasting 	
<p>Academy Internship</p> <ul style="list-style-type: none"> <input type="checkbox"/> Course taken senior year <input type="checkbox"/> Junior Academy students may apply to take the Academy Internship Class for their senior year <input type="checkbox"/> See Academy Coordinator or Counselor for details 	<p>Information and Communication Technologies Industry Sector- Software and Systems Development Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Exploring Computer Science <input type="checkbox"/> Computer Programming <input type="checkbox"/> AP Computer Science A <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Comp. Service and Repair I <input type="checkbox"/> Comp. Service and Repair II <input type="checkbox"/> ROP Robotics Engineering <input type="checkbox"/> AP Calculus 	<p>Arts, Media, and Entertainment Industry Sector – Visual/Commercial Art Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Intro to Mass Media <input type="checkbox"/> ROP Journalism <input type="checkbox"/> ROP Publications <p><u>Plus 20 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Literary Analysis of Film <input type="checkbox"/> Creative Writing <input type="checkbox"/> ROP Digital Recording <input type="checkbox"/> Screenwriting <input type="checkbox"/> Intro to Broadcasting <input type="checkbox"/> ROP Adv Video Productions <input type="checkbox"/> Sports Broadcasting <input type="checkbox"/> Speech & Debate 	<p>Hospitality, Tourism and Recreation Sector- Food Service and Hospitality Pathway</p> <p>Required courses:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Culinary Arts I <input type="checkbox"/> Culinary Arts II <p><u>Plus 30 credits from the following:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> World Cultures/Geography <input type="checkbox"/> Design I <input type="checkbox"/> Financial Algebra <input type="checkbox"/> Business Communication (semester only course) <input type="checkbox"/> Personal Business/Finance <input type="checkbox"/> Virtual Enterprise <input type="checkbox"/> Foundations of Law, Gov and Public Services