




CAREER ACADEMIES and Pathways 2024-2025

Health Academy	Technology Academy	Arts and Entrepreneurial Academy	Public Services Academy
Health Science and Medical Technology Industry Sector - Patient Care Pathway Required courses: <input type="checkbox"/> Sports Med <input type="checkbox"/> Advanced Sports Med <u>Plus 30 credits from the following:</u> <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"/> Sociology <input type="checkbox"/> AP Chemistry <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Physics/Physics	Engineering and Architecture Industry Sector – Engineering Technology Pathway Required courses: <input type="checkbox"/> ROP Robotics Engineering <input type="checkbox"/> Robotics Eng. II <u>Plus 30 credits from the following:</u> <input type="checkbox"/> AP Physics/Physics <input type="checkbox"/> AP Computer Science A <input type="checkbox"/> Computer Programming <input type="checkbox"/> AP Statistics/Statistics <input type="checkbox"/> AP Calculus AB	Business and Finance Industry Sector – Business Management Pathway Required courses: <input type="checkbox"/> Business Communication (semester course) <input type="checkbox"/> Business & Personal Finance <input type="checkbox"/> Virtual Enterprise <u>Plus 25 credits from the following:</u> <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 course) <input type="checkbox"/> Microsoft Office (semester course) <input type="checkbox"/> AP Statistics/Statistics <input type="checkbox"/> Financial Algebra	Public Service Sector - Legal Practices Pathway Required courses: <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 <u>Plus 20 credits from the following:</u> <input type="checkbox"/> Leadership <input type="checkbox"/> Child Development <input type="checkbox"/> Speech & Debate/Adv Speech & Deb. <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
Health Science and Medical Technology Industry Sector - Biotechnology Pathway Required courses: <input type="checkbox"/> Health Careers Core <input type="checkbox"/> Biotechnology <u>Plus 30 credits from the following:</u> <input type="checkbox"/> Anatomy/Physiology <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Chemistry <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Environmental Science <input type="checkbox"/> Biotechnology II <input type="checkbox"/> Speech & Debate/Adv Speech & Deb.	Information and Communication Technologies Industry Sector – Information Support and Services Pathway Required courses: <input type="checkbox"/> Exploring Computer Science <input type="checkbox"/> Comp. Service/Repair I <input type="checkbox"/> Comp. Service/Repair II <u>Plus 20 credits from the following:</u> <input type="checkbox"/> AP Computer Science A <input type="checkbox"/> ROP Robotics Engineering <input type="checkbox"/> AP Physics/Physics	Arts, Media, Entertainment Industry Sector Design, Visual, and Media Arts Pathway Required courses: <input type="checkbox"/> Design I <input type="checkbox"/> Design II <u>Plus 30 credits from the following:</u> <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/II <input type="checkbox"/> AP Studio Art 2D/3D <input type="checkbox"/> Design III	Education, Child Development, and Family Services Industry Sector - Education Pathway Required courses: <input type="checkbox"/> Child Development <input type="checkbox"/> TLC (Teaching Internship) <u>Plus 30 credits from the following:</u> <input type="checkbox"/> Foundations of Law, Gov and Public Services <input type="checkbox"/> Speech & Debate/Adv Speech & Deb. <input type="checkbox"/> AP Human Geography <input type="checkbox"/> AP Psychology/Psychology <input type="checkbox"/> Sociology <input type="checkbox"/> Ethnic Studies <input type="checkbox"/> Link Crew
	Information and Communication Technologies Industry Sector - Software and Systems Development Pathway Required courses: <input type="checkbox"/> Exploring Computer Science <input type="checkbox"/> Computer Programming <input type="checkbox"/> AP Computer Science A <u>Plus 20 credits from the following:</u> <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 AB <input type="checkbox"/> AP Calculus BC	Arts, Media, Entertainment Industry Sector Production and Managerial Arts Pathway (Video) Required courses: <input type="checkbox"/> Intro to Broadcasting <input type="checkbox"/> Art of Video Production <input type="checkbox"/> ROP Advance Video Production <u>Plus 20 credits from the following:</u> <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 (Articulated with LMC RA-25) <input type="checkbox"/> Screenwriting <input type="checkbox"/> Sports Broadcasting	
Academy Internship <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		Arts, Media, Entertainment Industry Sector Visual/Commercial Art Pathway Required courses: <input type="checkbox"/> Intro to Mass Media <input type="checkbox"/> ROP Publications <u>Plus 20 credits from the following:</u> <input type="checkbox"/> Literary Analysis of Film <input type="checkbox"/> ROP Journalism <input type="checkbox"/> Creative Writing <input type="checkbox"/> Screenwriting <input type="checkbox"/> Intro to Broadcasting <input type="checkbox"/> Sports Broadcasting <input type="checkbox"/> Speech & Debate/Adv Speech & Deb.	Hospitality, Tourism and Recreation Sector - Food Service and Hospitality Pathway Required courses: <input type="checkbox"/> Culinary Arts I <input type="checkbox"/> Culinary Arts II <u>Plus 30 credits from the following:</u> <input type="checkbox"/> Design I <input type="checkbox"/> Financial Algebra <input type="checkbox"/> Business Communication (semester course) <input type="checkbox"/> Personal Business/Finance <input type="checkbox"/> Virtual Enterprise <input type="checkbox"/> Foundations of Law, Gov & Public Svcs
		Arts, Media, Entertainment Industry Sector Music Production Pathway Required courses: <input type="checkbox"/> Music Theory and Technology <input type="checkbox"/> ROP Digital Recording <u>Plus 20 credits from the following:</u> <input type="checkbox"/> Music as Literature <input type="checkbox"/> Creative Writing <input type="checkbox"/> Jazz 2 <input type="checkbox"/> Jazz 3 <input type="checkbox"/> Ukulele <input type="checkbox"/> Beg. Percussion <input type="checkbox"/> Adv. Percussion <input type="checkbox"/> Orchestra <input type="checkbox"/> Wind Ensemble <input type="checkbox"/> A Cappella Choir <input type="checkbox"/> Select Singers	