CAREER ACADEMIES and Pathways 2023-2024

Health Academy	Technology Academy	Arts and Entrepreneurial Academy	Public Services Academy
Health Science and Medical Technology Industry Sector- *Patient Care Pathway* **Required courses:** ☐ Sports Med ☐ Advanced Sports Med *Plus 30 credits from the following:* ☐ Anatomy/Physiology ☐ Sports Management ☐ Biotechnology ☐ Health Careers Core ☐ AP Psychology/Psychology ☐ Sociology ☐ AP Chemistry ☐ AP Biology ☐ AP Physics/Physics	**Engineering and Architecture Industry Sector –** *Engineering Technology Pathway* **Required courses:** ☐ ROP Robotics Engineering ☐ Robotics Eng. II *Plus 30 credits from the following:* ☐ AP Physics/Physics ☐ AP Computer Science A ☐ Computer Programming ☐ AP Statistics/Statistics ☐ AP Calculus AB	**Business and Finance Industry Sector –** *Business Management Pathway* **Required courses:** ☐ Business Communication *(semester only course)* ☐ Business & Personal Finance ☐ Virtual Enterprise *Plus 25 credits from the following:* ☐ Intro to Mass Media ☐ ROP Adv. Video Productions ☐ Intro to Broadcasting ☐ Computer Keyboarding *(semester only course)* ☐ Microsoft Office *(semester only course)* ☐ AP Statistics/Statistics ☐ Financial Algebra	**Public Service Sector -** *Legal Practices Pathway* **Required courses:** ☐ Foundations of Law, Gov and Public Services ☐ ROP Law Enforcement *(Articulated with LMC A.J. 110)* ☐ Mock Trials, Moot Courts and Trial Advocacy *Plus 20 credits from the following:* ☐ Leadership ☐ Child Development ☐ Speech & Debate/Adv Speech & Debate ☐ AP Language/AP Literature ☐ Air Force JROTC 1,2,3,4 ☐ AP World History ☐ AP US History ☐ AP Government & US Politics ☐ AP Macro Economics
Health Science and Medical Technology Industry Sector- *Biotechnology Pathway* **Required courses:** ☐ Health Careers Core ☐ Biotechnology *Plus 30 credits from the following:* ☐ Anatomy/Physiology ☐ AP Biology ☐ AP Chemistry ☐ AP Calculus AB ☐ AP Calculus BC ☐ AP Environmental Science ☐ AP Physics/Physics ☐ Biotechnology II ☐ Speech & Debate/Adv Speech & Debate	**Information and Communication Technologies Industry Sector –** *Information Support and Services Pathway* **Required courses:** ☐ Exploring Computer Science ☐ Comp. Service/Repair I ☐ Comp. Service/Repair II *Plus 20 credits from the following:* ☐ AP Computer Science A ☐ ROP Robotics Engineering ☐ AP Physics/Physics	**Arts, Media, and Entertainment Industry Sector –** *Design, Visual, and Media Arts Pathway* **Required courses:** ☐ Design I ☐ Design II *Plus 30 credits from the following:* ☐ Intro Art History ☐ AP Art History ☐ Intermediate Art ☐ Advanced Art ☐ Ceramics I/II ☐ AP Studio Art 2D/3D ☐ Design III	**Education, Child Development, and Family Services Industry Sector-** *Education Pathway* **Required courses:** ☐ Child Development ☐ TLC *(Teaching Internship)* *Plus 30 credits from the following:* ☐ Foundations of Law, Gov and Public Services ☐ Speech & Debate/Adv Speech & Debate ☐ AP Human Geography ☐ AP Psychology/Psychology ☐ Sociology ☐ Ethnic Studies
	Information and Communication Technologies Industry Sector- *Software and Systems Development Pathway* **Required courses:** ☐ Exploring Computer Science ☐ Computer Programming ☐ AP Computer Science A *Plus 20 credits from the following:* ☐ Comp. Service and Repair I ☐ Comp. Service and Repair II ☐ ROP Robotics Engineering ☐ AP Calculus AB ☐ AP Calculus BC	**Arts, Media, and Entertainment Industry Sector –** *Production and Managerial Arts Pathway (Video)* **Required courses:** ☐ Intro to Broadcasting ☐ Art of Video Production ☐ ROP Advance Video Production *Plus 20 credits from the following:* ☐ Intro to Mass Media ☐ Literary Analysis of Film ☐ Creative Writing ☐ ROP Digital Recording *(Articulated with LMC RA-25)* ☐ Screenwriting ☐ Sports Broadcasting	
## Academy Internship ☐ Course taken senior year ☐ Junior Academy students may apply to take the Academy Internship Class for their senior year ☐ See Academy Coordinator or Counselor for details		**Arts, Media, and Entertainment Industry Sector –** *Visual/Commercial Art Pathway* **Required courses:** ☐ Intro to Mass Media ☐ ROP Journalism ☐ ROP Publications *Plus 20 credits from the following:* ☐ Literary Analysis of Film ☐ Creative Writing ☐ ROP Digital Recording ☐ Screenwriting ☐ Intro to Broadcasting ☐ ROP Adv Video Productions ☐ Sports Broadcasting ☐ Speech & Debate/Adv Speech & Debate	**Hospitality, Tourism and Recreation Sector-** *Food Service and Hospitality Pathway* **Required courses:** ☐ Culinary Arts I ☐ Culinary Arts II *Plus 30 credits from the following:* ☐ Design I ☐ Financial Algebra ☐ Business Communication *(semester only course)* ☐ Personal Business/Finance ☐ Virtual Enterprise ☐ Foundations of Law, Gov and Public Services