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| **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 l * 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 |
| Heritage Artwork 5 | **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 | Heritage Artwork 5 |
| **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 | Heritage Artwork 5 | **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 |

*REVISED 1/2/2022 (JM)*