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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
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*REVISED 1/2/2022 (JM)*