

# Liberty High School Elective Programs, CTE Pathways, Academies

\*required to complete CTE Pathway

## Liberty High School Academies

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| <b><u>Public Art &amp; Design Academy (PADA)</u></b><br><br>1523 Public Space & Design (10)<br>1302 PADA Core* (11)<br>1305 PADA Internship* (12) | <b><u>Teaching &amp; Learning Career Academy (TLC)</u></b><br><br>2745T ROP Develop Psych (10)<br>1690 TLC Core* (11)<br>1615 TLC Internship* (12) | <b><u>Health Careers Academy (HC)</u></b><br><br>1065 Health Care Systems (10)<br>1060 Health Careers Core* (11)<br>1214 ROP Hospital Health Services* (12) |
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## Liberty High School CTE Pathways

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| <b><u>Arts, Media, &amp; Entertainment (Design, Visual, &amp; Media Arts)</u></b><br><br>1521 Design 1* (9-11)<br>1522 Design 2* (10-12)                                                                         | <b><u>Arts, Media, &amp; Entertainment (Production &amp; Managerial Arts)</u></b><br><br>4055 Intro to Broadcasting (9-11)<br>6183Q ROP Art Video Prod* (9-11)<br>6188 Adv Art Video Prod* (10-12) | <b><u>Arts, Media, &amp; Entertainment (Performing Arts)</u></b><br><br>6000 Intro to Dance Arts* (9-11)<br>6003 Interm Dance Arts* (10-12)<br>6006 Adv Dance Arts (11-12)                       |
| <b><u>Marketing, Sales and Service (Entrepreneurship/Self-Employment)</u></b><br><br>2315 Entrepreneurship*(9-11)<br>2275 Business Economics* (10-12)                                                            | <b><u>Education Careers with Children (Education)</u></b><br><br>2725 Ed Careers Core (10)<br>2475 ROP Develop Psych* (10-11)<br>2726 Ed Careers Intern* (11-12)                                   | <b><u>Building &amp; Construction Trades (Cabinetry, Millwork &amp; Woodworking)</u></b><br><br>4180 Intro Woodworking (9-10)<br>4060 Home Improvement* (10-11)<br>4150 ROP Constr Tech* (11-12) |
| <b><u>Health Science &amp; Medical Technology (Patient Care- B Sports Medicine)</u></b><br><br>5582 ROP Sports Med* (10-11)<br>5589 Adv Sports Med* (11-12)                                                      |                                                                                                                 | <b><u>Transportation (Systems Diagnostics, Service &amp; Repair)</u></b><br><br>4005 Small Gas Engine (9)<br>4000 Intro Autos* (10-11)<br>4010 ROP Auto Eng* (11-12)                             |
| <b><u>Information &amp; Communication Technology (Software &amp; Systems Development-Computer Sci)</u></b><br><br>4079 ROP Exploring Computer Science*(10-11)<br>4573 ROP AP Computer Science Principles*(11-12) | <b><u>Agriculture &amp; Natural Resources: Agriscience</u></b><br><br>1025 Sustainable Ag Bio* (9-11)<br>1026 Ag Soil & Chemistry* (10-12)                                                         | <b><u>Information &amp; Communication Technology (Software &amp; Systems Development)</u></b><br><br>2325 Java Programming* (9-11)<br>4747 AP Computer Sci A* (10-12)                            |

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| <b><u>Liberty High School Programs &amp; Electives</u></b>                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b><u>Agriculture Program</u></b><br>1025 Sustainable Ag Bio* (9-11)<br>1026 Ag Soil & Chemistry* (10-12)<br>1024 Agricultural Mechanics (10-12)<br>1028 Art & Hist. Floral Design (10-12)<br>1051 Plant Science (11-12)<br>1017 Intro to Animal Science (10-12)<br>5088 ROP Veterinary Science (10-12)<br>1016 Ag Leadership (10-12)                                                                          | <b><u>Student Leadership Courses</u></b><br>7488 Intro to Stu Leadership (9)<br>7480 Student Leadership (9-12)<br>7482 Link Crew (10-12)<br>7487 Peer Leaders Uniting Students (PLUS) (11-12)                                                                                                                                             | <b><u>Physical Education</u></b><br>5662 Advanced Athletics (10-12)<br>5668 Baseball/Softball Tactics (10-12)<br>5674 Basketball Tactics (10-12)<br>5794 Sculpt & Tone (10-12)<br>5792 Strength and Fitness (10-12)<br>5790 Team Sports (10-12)<br>5670 Bowling Fundamentals (10-12)<br>5676 Walking for Fitness (10-12)<br>5990 Music and Movement (9-12)<br>6007 Yoga Plus (10-12)                                            |
| <b><u>VAPA- Theater Program</u></b><br>6104 Theater Arts I (9-12)<br>6166 Theater Arts II (10-12)<br>6176 Theater Arts III (10-12)<br>6130 Thtr Prod. & Stagecraft I (9-12)<br>6136 Thtr Prod. & Stagecraft II (9-12)<br>6190 Acting and Direct Wkshp (10-12)                                                                                                                                                  | <b><u>VAPA-Band Program</u></b><br>6016 Concert Band (9-12)<br>6020 Symphonic Band (10-12)<br>6047 Wind Ensemble (11-12)<br>6035 Beg. Jazz Band (9-12)<br>6028 Jazz Band 2 (10-12)<br>6037 Jazz Band 1 (10-12)<br>6040 Color Guard (9-12)<br>6067 Beginning Ukulele (9-12)<br>6046 Percussion (10-12)<br>6048 Advanced Percussion (10-12) | <b><u>VAPA Choir Program</u></b><br>6099 Concert Choir (9-12)<br>6100 Select Singers (10-12)<br>6092 A Capella Choir (10-12)<br>6142 Treble Choir (10-12)<br>6068 AP Music Theory (10-12)                                                                                                                                                                                                                                       |
| <b><u>VAPA- Drawing</u></b><br>1573 Intro Art History (9-12)<br>1506 Beginning Art (9-12)<br>1516 Intermediate Art (10-12)<br>1520 Advanced Art (10-12)<br>1576 AP Studio Art Drawing (10-12)<br>1575 AP Art History (10-12)                                                                                                                                                                                   | <b><u>VAPA- Design</u></b><br>1573 Intro Art History (9-12)<br>3195 Yearbook (10-12)<br>1521 Design 1 (9-12)<br>1522 Design 2 (10-12)<br>1578 AP Art 2D (10-12)<br>1575 AP Art History (10-12)                                                                                                                                            | <b><u>VAPA- 3D Design</u></b><br>1573 Intro Art History (9-12)<br>1831 Ceramics 1 (10-12)<br>1832 Ceramics 2 (11-12)<br>1546 3D Design (9-12)<br>1547 Adv 3D Design (10-12)<br>1575 AP Art History (10-12)<br>1577 AP Studio Art: 3D Design (10-12)                                                                                                                                                                             |
| <b><u>Mathematics</u></b><br>4670 Geometry (9-12)<br>4501 Geometry Support (10-12)<br>4690 Algebra 2 (10-12)<br>4510 Algebra 2 Support (10-12)<br>4643 Financial Algebra (11-12)<br>4702 Algebra 2-Precalculus (10-12)<br>4710 Pre Calculus (10-12)<br>4740 Statistics (10-12)<br>4600 Applied Career Math (11-12)<br>4750 AP Statistics (10-12)<br>4720 AP Calculus AB (10-12)<br>4725 AP Calculus BC (11-12) | <b><u>English</u></b><br>3205 Science Fiction Lit (11-12)<br>3184 Lit Analysis through Film (10-12)<br>3190 Journalism (10-12)<br>3085 AP English Lang Comp (11)<br>3120 AP English Literature (12)                                                                                                                                       | <b><u>Science</u></b><br>5125 Forensic Science (11-12)<br>5060 Anatomy & Physiology (11-12)<br>5140 Chemistry in Earth Syst (10-12)<br>5165 Physics in the Universe (10-12)<br>5092 AP Environmental Sci (10-12)<br>5010 AP Biology (11-12)<br>5160 AP Chemistry (11-12)<br>0079 Chem 6 (10-12) (LMC Dual Enrollment)<br>5185 AP Physics 1 (10-12)<br>5186 AP Physics 2 (11-12)<br>5187 AP Physics C: Mechanics (11-12)         |
| <b><u>History-Social Sciences</u></b><br>5277 Women's Studies (10-12)<br>5230 Ethnic Studies (10-12)<br>5276 African American Hist (10-12)<br>5398 Sociology (10-12)<br>5396 Psychology w/in Society (10-12)<br>5275 History World War II (11-12)<br>5292 History Amer Pop Music (11-12)<br>1575 AP Art History (10-12)<br>5260 AP Human Geography (9-12)                                                      | <b><u>History-Social Sciences (Continued)</u></b><br>5380 AP European History (10-12)<br>5270 AP World History (10-12)<br>5290 AP US History (11-12)<br>5330 AP Government (12)<br>5365 AP Macroeconomics (12)<br>5271 AP African Am Studies (10-12)<br>5397 AP Psychology (11-12)<br>3174 AP Seminar (10-12)<br>3176 AP Research (11-12) | <b><u>World Languages</u></b><br>3610 Spanish 1 (9-12)<br>3620 Spanish 2 (10-12)<br>3630 Spanish 3 (10-12)<br>3640 Spanish 4 (11-12)<br>3670 Span for Span Speak 1 (9-12)<br>3676 Span for Span Speak 2 (10-12)<br>3642 AP Spanish Lang/Culture (11-12)<br>3510 French 1 (9-12)<br>3520 French 2 (10-12)<br>3530 French 3 (11-12)<br>3540 French 4 (11-12)<br>SIGN 50 & 51 American Sign Language (10-12) (LMC dual enrollment) |