### 1. REQUIRED, RECOMMENDED, ELECTIVES COURSES

<table>
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<tr>
<th>GRADE</th>
<th>ENGLISH LANGUAGE ARTS</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>CAREER AND TECHNICAL EDUCATION COURSES</th>
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<td>9</td>
<td>01001 English 9 - HATH or 01001 Honors English 9 - HATH</td>
<td>00295 Algebra 1 - HATH or 00297 Geometry - HATH or 00299 Honors Geometry - HATH</td>
<td>00319 Physical Science - HATH or 00302 Honors Biology - HATH</td>
<td>Select at least one course from this list each year. Courses may be taken in any order. Must include a World History/Geography, US History, and US &amp; WY Govt. 0401 US Hist. - HATH or 04151 US &amp; WY Govt. - HATH or 04001 World Geog. - HATH or 04002 World Hist. - HATH or 04004 AP Human Geog. - HATH or 04157 AP Govt &amp; Politics - HATH or 04165 AP US Hist. - HATH or 04057 AP World Hist. - HATH</td>
<td>Recommended CTE Courses: 10004 Computer Applications MS Office; 10202 Computer Graphics - HATH; 12004 Business Law; 12052 Business Management; 11152 Desktop Publishing; 10049 Internet Technology; 10203 Multi-Media; 10201 Web Page Authoring 1 &amp; 2; 10203 Media Productions; 11051 TV Production; 10153 Programming in Visual Basic; 10152 Intermediate Programming; 10157 AP Programming</td>
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<tr>
<td>10</td>
<td>01002 English 10 - HATH or 01002 Honors English 10 - HATH</td>
<td>00295 Algebra 1 - HATH or 00297 Geometry - HATH or 00299 Honors Geometry - HATH</td>
<td>00305 Biology - HATH or 00306 AP Biology or 14002 AP Science - HATH or 0101 Chem 1 - HATH</td>
<td>Select a Social Studies course not previously taken. 2 Credits Health and PE AND a 2 year sequence of a World Language</td>
<td>Other Recommended Courses: 05162 Computer Art; 05154 Design; 05154 Graphic Design; 05167 Photography; 01153 Competitive Spas; 01152 Debate; 01104 Publications Literary Magazine; 01104 Publications Newspaper; 01104 Publications Yearbook; 01005 AP Lang &amp; Comp; 01006 AP Lit &amp; Comp; 04106 Current Issues; 04165 Legal Studies; 04254 Psychology; 04258 Sociology</td>
</tr>
</tbody>
</table>

### 2. INDUSTRY CERTIFICATIONS/LICENSES AVAILABLE:

- CompTia Linux+ and Linux Professional Institute (LPI) Certificate

### 3. Recommended CTE Courses:

- 10004 Computer Applications MS Office
- 10202 Computer Graphics - HATH
- 12004 Business Law
- 12052 Business Management
- 11152 Desktop Publishing
- 10049 Internet Technology
- 10203 Multi-Media
- 10201 Web Page Authoring 1 & 2
- 10203 Media Productions
- 11051 TV Production
- 10153 Programming in Visual Basic
- 10152 Intermediate Programming
- 10157 AP Programming

### 4. Other Recommended Courses:

- 05162 Computer Art
- 05154 Design
- 05154 Graphic Design
- 05167 Photography
- 01153 Competitive Spas
- 01152 Debate
- 01104 Publications Literary Magazine
- 01104 Publications Newspaper
- 01104 Publications Yearbook
- 01005 AP Lang & Comp
- 01006 AP Lit & Comp
- 04106 Current Issues
- 04165 Legal Studies
- 04254 Psychology
- 04258 Sociology

### 5. CONCURRENT ENROLLMENT OPTIONS:

- Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment)
- High School Recommended Career and Technical Education Courses
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- High School Recommended Career and Technical Education Courses

### 6. INDUSTRY CERTIFICATIONS/LICENSES AVAILABLE:

- CompTia Linux+ and Linux Professional Institute (LPI) Certificate

### 7. Kuder Career Planning System Administered and Plan of Study Initiated for all Learners

- 2 Credits Health and PE AND a 2 year sequence of a World Language
- Other Recommended Courses: 05162 Computer Art; 05154 Design; 05154 Graphic Design; 05167 Photography; 01153 Competitive Spas; 01152 Debate; 01104 Publications Literary Magazine; 01104 Publications Newspaper; 01104 Publications Yearbook; 01005 AP Lang & Comp; 01006 AP Lit & Comp; 04106 Current Issues; 04165 Legal Studies; 04254 Psychology; 04258 Sociology

### 8. INDUSTRY CERTIFICATIONS/LICENSES AVAILABLE:

- CompTia Linux+ and Linux Professional Institute (LPI) Certificate

### 9. POSTSECONDARY

- CMAP 1615 - Operating Systems (3 DE)
- COSC 1010 - Intro to Computer Science 1 (4 DE)
- COSC 1200 - Computer Information Systems (3 DE)
- MIST 2578 - Networking Essentials (4)
- LINX 2500 - Linux Administration 1 (4)
- LINX 2510 - Linux Administration 2 (4)
- LINX Electives (4)

### 10. This certificate can be applied to the Computer Information Systems Associate of Applied Science degree

- High School Courses for Graduation at Hathaway Honors and Performance Scholarship Levels
- High School Recommended Elective Courses
- High School Recommended Career and Technical Education Courses
- Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment)
- Mandatory Assessments, Advising, and Additional Preparation

### 11. Post-Secondary

- CMAP 1615 - Operating Systems (3 DE)
- COSC 1010 - Intro to Computer Science 1 (4 DE)
- COSC 1200 - Computer Information Systems (3 DE)
- MIST 2578 - Networking Essentials (4)
- LINX 2500 - Linux Administration 1 (4)
- LINX 2510 - Linux Administration 2 (4)
- LINX Electives (4)