**Cluster:** Information Technology  
**Program:** Associate of Applied Science (AAS)  
**Pathway:** Computer Information System  
**High School(s):** LCSD #1 - Central, East, South, Triumph  
**College:** Laramie County Community College  
**Program Note:** Mandatory Assessments, Advising, and Additional Preparation  
**Course Notes:**  
- Areas of Specialization (34 credit hours) - Students must select courses from at least two of the following areas: Business (BADM, BUSM, MST, ACCT); Computer Networking; Computer Security; Computer Support Specialist; Computer Technician; Linux Systems; Microsoft; Office Applications Specialist; Programmer; Web Design  

### Industry Certifications/Licenses Available:  
- Kuder Career Planning System Administered and Plan of Study Initiated for all Learners  
- Recommended CTE Courses:  
  - 10004 Computer Applications MS Office: 12020 Computer Graphics - HATH; 12054 Business Law; 12052 Business Management; 11152 Desktop Publishing; 10049 Internet Technology; 12020 MultiMedia; 1201 Media Page Authoring 1 & 2; 10203 Media Productions; 11058 TV Production; 10153 Programming in Visual Basic; 10152 Intermediate Programming; 10157 AP Programming  
- Other Recommended Courses:  
  - 05146 Design; 05194 Graphic Design; 05167 Photography; 05153 Competitive Speaking; 05152 Debate; 01104 Publications-Literary Magazine; 01104 Publications-Newspaper; 01105 Publications-Yearbook; 01006 AP Lang & Comp; 01006 AP Lit & Comp; 04106 Current Issues; 04254 Psychology; 04258 Sociology  

### Optional CTE Courses  
- INET 1550 - Intro to the Internet (1 CE)  
- CMAP 2630 - PowerPoint (1 CE)  

### Concurrent Enrollment Options  
- 10004 Computer Applications MS Office: 12020 Computer Graphics - HATH; 12054 Business Law; 12052 Business Management; 11152 Desktop Publishing; 10049 Internet Technology; 12020 MultiMedia; 1201 Media Page Authoring 1 & 2; 10203 Media Productions; 11058 TV Production; 10153 Programming in Visual Basic; 10152 Intermediate Programming; 10157 AP Programming  

### 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)  
- Post-Secondary Courses  

#### Post-Secondary Courses  
- Spring Semester: ENGL 1010 - English 1: Composition (3)  
- Fall Semester: MATH 1400 Pre-Calculus Algebra (4)  

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### Grade 9  
- 01001 Honors English 9 - HATH  
- 01002 English 10 - HATH  
- 01003 English 11 - HATH  
- 01004 AP Lit & Comp - HATH  
- 01005 AP Lang & Comp - HATH  
- 01006 AP Lit & Comp - HATH  
- 01007 Honors English 9 - HATH  
- 01008 Honors English 10 - HATH  
- 01009 Honors English 11 - HATH  
- 01010 Honors English 12 - HATH  

<table>
<thead>
<tr>
<th>Grade</th>
<th>Language Arts</th>
<th>Math</th>
<th>Social Studies</th>
<th>Required, Recommended Electives Courses</th>
<th>Concurrent Enrollment Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>01001</td>
<td>02052 Algebra 1 - HATH or 02072 Geometry - HATH or 02079 Honors Geometry - HATH</td>
<td>03159 Physical Science - HATH or 03052 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.</td>
<td>A minimum of 27 high school credits in grades 9 to 12 are required to graduate. Select the remaining electives from the following areas: Fine and Performing Art, Career and Technical Education, and/or any academic area.</td>
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<tr>
<td>10</td>
<td>01002</td>
<td>02052 Algebra 1 - HATH or 02072 Geometry - HATH or 02079 Honors Geometry - HATH or 02056 Algebra 2 - HATH or 02059 Honors Algebra 2 - HATH</td>
<td>03051 Biology - HATH or 03056 AP Biology or 10002 AP Science - Chemistry or 03101 Chem 1 - HATH</td>
<td>Select a Social Studies course not previously taken.</td>
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<tr>
<td>11</td>
<td>01003</td>
<td>02072 Geometry - HATH or 02079 Honors Geometry - HATH or 02056 Algebra 2 - HATH or 02106 College Algebra and Trig - HATH or 02123 Honors Calculus and Trig - HATH</td>
<td>03101 Chem 1 - HATH or 03058 Botany - HATH or 03061 Zoology - HATH or 03002 Geologic Systems - HATH or 03151 Physics - HATH or 03155 AP Physics - HATH or 03207 AP Environmental Science - HATH</td>
<td>Select a Social Studies course not previously taken.</td>
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<tr>
<td>12</td>
<td>01004</td>
<td>02056 Algebra 2 - HATH or 02201 Mathematical Decision Making - HATH or 02106 College Algebra and Trig - HATH or 01023 AP Stat St at or 01214 AP Calc AB - HATH or 01215 AP Calc BC - HATH</td>
<td>03101 Chem 1 - HATH or 03102 Chem 2 - HATH or 03106 AP Chem or 03053 Human Anatomy and Physiology - HATH or 03058 Botany - HATH or 03061 Zoology - HATH or 03151 Physics - HATH or 03155 AP Physics - HATH or 03207 AP Environmental Science - HATH</td>
<td>Select a Social Studies course not previously taken.</td>
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