### INDUSTRY CERTIFICATIONS/LICENSURES AVAILABLE:

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

### REQUIRED, RECOMMENDED, ELECTIVES COURSES

**CONCURRENT ENROLLMENT OPTIONS**

**CAREER AND TECHNICAL EDUCATION COURSES**

Recommended CTE Courses: 12104 Accounting 1 & 2; 10004 Computer Applications MS Office; 10202 Computer Graphics - HATH; 12054 Business Law; 12052 Business Management; 11512 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

Other Recommended Courses: 03056 AP Biology - HATH; 03106 AP Chemistry - HATH; 03155 AP Physics - HATH; 03027 AP Environmental Science; 04254 AP Macroeconomics - HATH; 02123 Honors Differential Calculus & Trig - HATH; 02203 AP Statistics; 04106 Current Issues; 04165 Legal Studies; 04254 Psychology; 04258 Sociology

CMAP 1700 - Word 1 (1 CE)  
CMAP 1705 - Word 2 (1 CE)  
CMAP 1750 - Excel 1 (1 CE)  
CMAP 2630 - PowerPoint 1 (1 CE)  

### 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**

**Mandatory Assessments, Advising, and Additional Preparation**

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### Table

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ENGLISH LANGUAGE ARTS</th>
<th>MATH</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
<th>REQUIRED, RECOMMENDED, ELECTIVES COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Physical Science - HATH or 03169 Honors Biology - HATH</td>
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<tr>
<td>10</td>
<td>01001 English 9 - HATH or 01001 Honors English 9 - HATH</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>
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<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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<td>01002 English 10 - HATH or 01002 Honors English 10 - HATH</td>
<td>02052 Algebra 1 - HATH or 02072 Geometry - HATH or 02079 Honors Geometry - HATH or 02056 Algebra 2 - HATH</td>
<td>03051 Biology - HATH or 14002 AP Biology or 03101 Chem 1 - HATH</td>
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<tr>
<td>11</td>
<td>01003 English 11 - HATH or 01005 AP Lang &amp; Comp - HATH or 01006 AP Lit &amp; Comp - HATH</td>
<td>MATH 2200 - Calculus 1 (5 CE)</td>
<td>03101 Chem 1 - HATH or 03058 Botany - HATH or 03061 Zoology - HATH or 03002 Geologic Systems - HATH or 03161 Physical Science - HATH or 03168 AP Physics - HATH or 03156 AP Physics - HATH or 03207 AP Environmental Science - HATH</td>
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<td>Other Recommended Courses: 03056 AP Biology - HATH; 03106 AP Chemistry - HATH; 03155 AP Physics - HATH; 03027 AP Environmental Science; 04254 AP Macroeconomics - HATH; 02123 Honors Differential Calculus &amp; Trig - HATH; 02203 AP Statistics; 04106 Current Issues; 04165 Legal Studies; 04254 Psychology; 04258 Sociology</td>
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</tbody>
</table>
| 12    | 01053 ENGL 1010 - HATH or 01053 ENGL 1010 Honors - English I: Composition (3 CE) | MATH 2205 - Calculus 2 (5 CE) | 03101 Chem 1 - HATH or 03102 Chem 2 - HATH or 03106 AP Chem - HATH or 03093 Human Anatomy and Physiology - HATH or 03085 Botany - HATH or 03061 Zoology - HATH or 03156 AP Physics - HATH or 03207 AP Environmental Science - HATH |                | INET 1550 - Intro to the Internet (1 CE)  
INET 1581 - Web Page Authoring 1 (1 CE)  
INET 1582 - Web Page Authoring 2 (1 CE)  

**College Placement Assessments (PLAN, PSAT) - Academic/Career Advisement Provided**

**& Work Readiness Assessment (WorkKeys) - Academic/Career Advisement Provided**

**Free LCCC Class**

### Post-Secondary Class

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Semester</th>
<th>MATH 2200 - Calculus 3 or MATH 2350 - Business Calculus 1 (4-5)</th>
<th>Physical Education Activity (1)</th>
<th>COSC 1010 - Intro to Computer Science (4)</th>
<th>COSC 1200 - Computer Information Systems (3)</th>
<th>PHYS 1050 - Concepts in Physics (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ENGL 1010 - English I: Composition (3)</td>
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<tr>
<td>1</td>
<td>ENGL 1010 - English I: Composition (3)</td>
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<td>2</td>
<td>STAT 2010 - Statistical Concepts - Business (4)</td>
<td>Lab Science (BIOL 1010, CHEM 1020, or PHYS 1310) (4)</td>
<td>ECON 1010 - Principles of Macroeconomics (3)</td>
<td>COSS 2030 - Computer Science 2 (4)</td>
<td>ACCT 2010 - Principles of Accounting (3)</td>
<td>IMM 2000 - Intro to Information Management (3)</td>
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<tr>
<td>2</td>
<td>COM 1010 - Public Speaking (3)</td>
<td>Lab Science (continuation of Biology, Chemistry, or Physics) (4)</td>
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Laramie County Community College  
Cheyenne, WY  
Updated 3/2012