### Required, Recommended, Elective Courses

#### Concurrent Enrollment Options

**Career and Technical Education Courses**

- **Recommended CTE Courses:**
  - 10004 Computer Applications (1)
  - 14002 Basic Emergency Care (1)
  - 14003 Family Management Resources (1)
  - 19063 Health Care Intro (1)

- **Other Recommended Courses:**
  - 03056 AP Biology (3)
  - 03053 Human Anatomy & Physiology (3)
  - 03055 AP Chemistry (3)
  - 03056 AP Human Geography (3)
  - 03057 AP Human Geography (3)

#### Industry Certifications/Licensures Available

- **Post-Secondary Courses**
  - 10044 Internet Technology (4)
  - 04106 AP Computer Science (3)

- **Program Pre-requisites**
  - ENGL 1010 - English 1: Composition (3)
  - MATH 1000 - Problem Solving (3)

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

#### Free LCCC Class

- **ENGLISH LANGUAGE ARTS**
  - 01002 English 10 - HATH or 01003 English 11 - HATH
  - 02072 Geometry - HATH or 02073 Algebra 1 - HATH
  - 03101 Chem 1 - HATH or 03056 AP Chemistry - HATH
  - 03151 AP English Language And Composition - HATH

- **MATH**
  - 02052 Algebra 1 - HATH or 02072 Geometry - HATH or 02079 Honors Geometry - HATH
  - 03159 Physical Science - HATH or 03052 Honors Biology - HATH
  - 03051 Biology - HATH or 03056 AP Biology or 18002 AP Science - HATH or 03101 Chem 1 - HATH

- **RECOMMENDED COURSES**
  - Select at least one course from this list each year. Courses may be taken in any order.

- **SOCIAL STUDIES**
  - Select a Social Studies course not previously taken.

- **2 Credits Health and PE AND a 2 year sequence of a World Language**

- **INDUSTRY CERTIFICATIONS/LICENSURES AVAILABLE**
  - **Post-Secondary Courses**
    - 02123 College Algebra (3)
    - 02124 Trig - HATH
    - 02106 College Algebra (3)
  - **High School Recommended Career and Technical Education Courses**
    - 03101 Chem 1 - HATH or 03056 AP Chemistry - HATH
  - **High School Recommended Elective Courses**
    - 03052 Honors Biology - HATH or 03151 AP English Language and Composition - HATH

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

- **College Placement Assessments (ACT, PSAT/NMSQT, SAT) - Academic/Career Advisement Provided**

### Free LCCC Class

- **ENGLISH LANGUAGE ARTS**
  - 01053 ENGL 1010 - HATH or 01006 AP Lang & Comp - HATH
  - 02056 Algebra 2 - HATH or 02051 Algebra 2 - HATH or 02056 Algebra 2 - HATH
  - 02021 Mathematical Decision Making - HATH or 02106 College Algebra and Trig - HATH or 02053 AP Stats - HATH or 02124 AP Calc AB - HATH or 02125 AP Calc BC - HATH

- **MATH**
  - 03051 Biology - HATH or 03056 AP Biology or 03056 AP Environmental Science - HATH
  - 03101 Chem 1 - HATH or 03056 AP Biology - HATH or 03059 AP Environmental Science - HATH

- **RECOMMENDED COURSES**
  - Select a Social Studies course not previously taken.

- **SOCIAL STUDIES**
  - Select a Social Studies course not previously taken.

- **INDUSTRY CERTIFICATIONS/LICENSURES AVAILABLE**
  - **Post-Secondary Courses**
    - 02123 College Algebra (3)
    - 02124 Trig - HATH
    - 02106 College Algebra (3)
  - **High School Recommended Career and Technical Education Courses**
    - 03101 Chem 1 - HATH or 03056 AP Chemistry - HATH
  - **High School Recommended Elective Courses**
    - 03052 Honors Biology - HATH or 03151 AP English Language and Composition - HATH

### Program Pre-requisites

- **ENGL 1010 - English 1: Composition (3)**
  - MATH 1000 - Problem Solving (3)

- **COM/M 1030 - Interpersonal Communication (3)**

- **MOLB 2220 - Pathogenic Microbiology (4)**

- **Required Human Anatomy and Physiology (3)**

- **Required Physical Science (1)**

- **Required Health Care Ethics (3)**

- **Required Pathophysiology (2)**

- **Required Using Computers in Healthcare or Computer Literacy (1)**

### Year 1 Fall Semester

- **ZOO 2010 - Anatomy and Physiology 1 and 2 (8)**
- **ZOO 2020 - Anatomy and Physiology 2 (8)**
- **ZOO 2045 - Human Anatomy and Physiology 3 (8)**
- **HIST 1251 - World History (3)**

### Year 1 Spring Semester

- **SURG 1750 - Surgical Procedures 1 (5)**
- **SURG 2750 - Surgical Procedures 2 (5)**
- **SURG 2850 - Surgical Technology Clinical 1 (5)**
- **SURG 2850 - Surgical Technology Clinical 2 (7)**

### Summer Semester

- **SURG 2850 - Surgical Technology Clinical 2 (7)**

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**Laramie County Community College**

**Cheyenne, WY**

**Updated 3/2012**

**High School Courses for Graduation at Hathaway Honors and Performance Scholarship Levels**

**High School Recommended Elective Courses**

**Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment)**

**Post-Secondary Courses**

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