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

### REQUIRED, RECOMMENDED, ELECTIVE COURSES

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.

### CONCURRENT ENROLLMENT OPTIONS

- **Career and Technical Education Courses**
  - CMAP 1700 - Word 1 (1 CE)
  - CMAP 1705 - Word 2 (1 CE)
  - CMAP 1750 - Excel 1 (1 CE)

### CAREER AND TECHNICAL EDUCATION COURSES

- **Recommended CTE Courses:**
  - 03002 Ag Science - HATH; 10004 Computer Applications MS Office; 10049 Internet Technology; 10203 Multi-Media

### OTHER RECOMMENDED COURSES

- **03056 AP Biology - HATH; 03106 AP Chem - HATH; 03002 Geologic Systems - HATH; 03155 AP Physics - HATH; 03207 AP Environmental Science; 02106 College Algebra & Trig - HATH; 02123 Honors Differential Calculus & Trig - HATH; 02203 AP Statistics; 04106 Current Issues; 04165 Legal Studies; 04251 Anthropology

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

- **Free LCCC Class**
  - Physical Education Activity (1 DE)
  - Social Science Elective (3 DE)
  - Arts and Humanities Elective (3 DE)
  - PHYS 1050 - Concepts in Physics (4 CE)

- **Free LCCC Class**
  - CO/M 1010 - Public Speaking (3 DE)

### POSTSECONDARY Class

- **Year 1 Fall Semester**
  - ENGL 1010 - English 1: Composition (3)
  - MATH 2200 - Calculus 1 (5 CE)
  - CHEM 1020 - General Chemistry (5)
  - Physical Education Activity (1)
  - ES 1060 - Intro to Engineering Computing (3)

- **Year 1 Spring Semester**
  - MATH 2205 - Calculus 2 (5 CE)
  - CHEM 1030 - General Chemistry 2 or GEOG 1100 - Physical Geology (4)
  - ES 2110 - Statics++ (3)
  - PHYS 1310 - College Physics 1 (4)

- **Year 2 Fall Semester**
  - ENGL 1020 - English 2 (3)
  - MATH 2210 - Calculus 3 (5 CE)
  - POLS 1050: Am & WY Govt or HIST 1211 - US to 1865 or HIST 1221 US from 1865 or HIST 1251 Wyoming Hist or ECON 1200 Econ 1 (3)
  - Social Science Elective (3)
  - ES 2120 - Dynamics++ (3)
  - PHYS 1320 - College Physics 2 (4)

- **Year 2 Spring Semester**
  - ENGL 2010 - Public Speaking (3)
  - MATH 2310 - Applied Differential Equations (3)
  - Arts and Humanities Elective (3)
  - ES 2310 - Thermodynamics++ (3)
  - ES 2330 - Fluid Dynamics++ or ES 2410 - Mechanics of Materials++ or ES 2210 - Electrical Circuit Analysis++ (3-4)

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## Laramie County Community College

### 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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Laramie County Community College
Cheyenne, WY
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