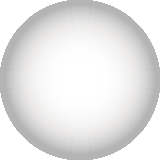
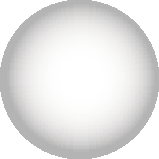


**IOWA**

Crosswalk with

21st Century Skills

**2019**



BUSINESS, MANAGEMENT & ADMINISTRATION • AGRICULTURE, FOOD & NATURA L RESOURCE S • INFORMATION SOLUTIONS • APPLIED SCIENCES, TECHNOLOGY , ENGINEERING &MANUFACTURING • HEALTH SCIENCES • HUMAN SERVICE S

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| **Iowa K-12 21st Century Skills** | | **Agriculture** | **Business, Finance, Marketing, Management** | **Information Technology** | **Health Science** | **Human Services, Family & Consumer**  **Sciences** |
| **EMPLOYABILITY SKILLS (ES)** | | | | | | |
| ES.1 | Communicate and work productively | CRP04, | 2.1 - 2.7, 3.1, 5.1, | 1.3, 3.1, | 2.1.1, 2.1.2, | 1.1, 2.2, 3.3, 3.5, |
| with others, incorporating different | CRP08, | 5.3 - 5.6, 12.2 | 3.3, 3.4, | 2.1.4, 2.1.5 | 11.14, 12.9, |
| perspectives and cross-cultural understanding, to increase innovation and the quality of work. | CRP12,  NRS02.05 |  | 6.7, 8-1 | 2.3.1 – 2.3.3,  4.2.1, 6.2.1,  8.1.1, 8.1.2,  8.2.1 – 8.2.3 | 13.4, 13.5 |
| ES.2 | Adapt to various roles and | CRP01.03, | 2.2, 2.3, 2.6, 3.1- | 2.2.4, | 4.1.1, 4.2.1, | 2.1, 2.2, 2.3, 3.1, |
| responsibilities and work flexibly in | CRP02.01, | 3.3, 5.1-5.10, 9.1, | 3.4, | 5.1.1, 5.2.1, | 7.0, 11.16, 13.1, |
| climates of ambiguity and changing  priorities. | CRP02.02 | 9.3, 11.5, 11.9,  12.1, 12.2, 12.6 | 6.1.2,  7-1.1 | 5.2.1 - 5.2.7,  8.1.1, 8.2.1 | 13.2 |
| ES.3 | Demonstrate leadership skills, | CRP01.01, | 1.1, 2.1 - 2.7, 3.1- | 1.7, 2.6.2, | 4.1.1, 4.2.1, | 2.2, 3.3, 3.4, 3.5, |
| integrity, ethical behavior, and social | CRP06.02, | 3.3, 4.2, 4.4, 4.5, | 3.4, 6.7.3, | 5.1, 6.1.1, | 3.6, 10.2, 11.14, |
| responsibility while collaborating to achieve common goals. | CRP09 | 5.1-5.10, 6.1, 7.2,  7.8, 8.1, 8.2, 9.1,  9.3, 9.4, 10.1, | 8-2.1.6,  8-4.1.1 | 6.1.2, 6.2.1,  6.2.2,  8.1.1, 8.1.2, | 12.12, 13.1,  13.3, 13.4, 13.5 |
|  |  | 11.1 - 11.7, 11.9, |  | 8.2.1 - 8.2.3 |  |

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| ES.4 | Demonstrate initiative and self– | CRP06.01, | 2.1, 2.3, 2.5, 2.6,  3.1, 3.2, 4.5, 5.1-  5.10, 7.3, 7.7,  9.1, .93, 11.5,  12.1-12.6 | 1.2, 1.5, 2.2 | 2.1.1, 4.3.1, | 1.1, 2.2, 2.3, 7.2, |
| direction through high achievement | CRP10, | 4.3.2, 4.4.1, | 10.2, 10.4, 12.8, |
| and lifelong learning while exploring the ways individual talents and skills | CS02, CS05 | 4.4.2, 8.2.2,  10.1.2 | 13.2, 13.5 |
| can be used for productive outcomes |  |  |  |
| in personal and professional life. |  |  |  |
| ES.5 | Demonstrate productivity and | CRP02 | 1.1, 2.1-2.7, 3.1- | 1.2, 2.6, | 2.1.1, 2.1.4, | 2.1, 2.2, 3.6, 9.2, |
| accountability by meeting high | 3.3, 4.5, 5.1-5.10, | 3.3.4, | 2.3.1, 2.3.2, | 9.3, 7.1, 11.14, |
| expectations. | 7.2, 9.1, 9.3, 9.4,  10.1, 11.2, 11.4, | 6.1,  7-1 | 2.3.3, 4.1.1,  4.2.1, 8.2.1, | 11.15, 11.16,  12.4, 13.3 |
|  | 11.5, 12.1, 12.2 |  | 8.2.2, 8.2.3 |  |

**Iowa K-12 21st Century Skills**

**HEALTH LITERACY (HL)**

# HL.1 Demonstrate functional health literacy skills to obtain, interpret, understand and use basic health concepts to enhance personal, family, and community health.

HL.2 Synthesize interactive literacy and social skills to establish and monitor personal, family and community goals related to all aspects of health.

# HL.3 Apply critical literacy/thinking skills related to personal, family and community wellness.

HL.4 Use media literacy skills to analyze media and other influences to effectively manage health risk situations and advocate for self and others.

# HL.5 Demonstrate behaviors that foster healthy, active lifestyles for individuals and the benefit of society.

**Agriculture**

CRP03, CRP03.01

CRP05.01

CRP01.02, CS03.03

CRP05

CRP01, CS03, AS01.03, AS07.02, ESS.02, NRS02.01

**Business, Finance, Marketing, Management**

3.1, 5.1, 5.4, 5.5,

5.7, 5.8, 5.10,

7.8, 11.2-11.5,

12.1

2.3, 3.1, 3.2, 5.1,

5.3-5.10, 7.2, 7.3,

7.8, 9.1,9.3, 11.2,

11.5, 12.2, 12.4,

12.5

3.2, 5.3, 5.4, 5.7,

5.9, 5.10, 7.7,

12.2

2.5, 2.7, 7.8, 10.1

2.2, 2.3, 3.1, 3.2,

5.1-5.4, 5.6, 5.7,

5.10, 7.3, 7.8,

9.1, 11.2-11.5,

12.1, 12.2

**Information Technology**

3.2, 3.4

2.5, 3.1, 3.2

1.5, 1.7, 2.2

1.1, 1.8,

4.6, 6.5

**Health Science**

1.1.2, 2.1.1,

2.2.1, 3.1.4,

9.1.1, 9.1.2,

9.1.3, 9.1.4,

9.2.1

2.1.1, 2.1.2,

2.3.1, 8.2.3

2.1.1, 2.1.2,

2.3.1, 8.2.3

2.3.1, 2.3.3

9.1.1, 9.1.2,

9.1.3, 9.1.4,

9.2.1,

**Human Services, Family & Consumer Sciences**

2.1, 2.3, 3.1,

6.1, 6.2, 9.1,

9.2, 10.4, 13.3

3.1, 3.6, 4.1,

6.1, 11.8,

11.12

2.1, 3.3, 3.5,

3.6, 6.4, 7.1,

7.2, 10.3, 11.1

3,3, 5.3, 6.3

2.1, 2.3 3.1,

3.3, 3.4, 3.6,

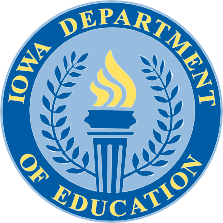
6.3, 7.1, 7.3,

7.5, 9.4

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| **Iowa K-12 21st Century Skills** | | | **Agriculture** | **Business, Finance, Marketing, Management** | **Information Technology** | **Health Science** | **Human Services, Family & Consumer**  **Sciences** |
| **CIVIC LITERACY (CL)** | | | | | | | |
| CL.1 | | Analyze civic and political institutions. | CRP01.03 | 4.2, 4.4, 5.3 |  | 3.1.1. 3.1.2,  3.1.4 | 1.1, 2.3 |
| CL.2 | | Apply civic virtues and democratic | CRP01, | 2.7, 3.3, 4.2, 4.4, | 6.7 | 6.1.1, 6.1.2, | 2.1, 2.3, 3.6, |
|  | | principles. | CRP01.03 | 5.3 |  | 6.2.1, 62.2 | 7.8, 13.3 |
| CL.3 | | Interpret processes, rules and laws. | CS01 | 1.1, 1.2, 4.2, 4.4, | 1.7 | 5.1.1, 5.2.1 – 5.2.6 | 5.3, 6.1, 6.3, |
|  | |  |  | 5.3, 11.2, 11.4, |  | 7.3.1, | 6.4, 7.2, 7.3, |
|  | |  |  | 11.9 |  | 7.4.1, 7.4.2, | 7.5, 7.8, 9.1, |
|  | |  |  |  |  | 7.5.1, 7.5.2, | 9.2, 10.1, 10.2, |
|  | |  |  |  |  | 11.1.4 | 11.1, 11.2, |
|  | |  |  |  |  |  | 13.3, 13.5 |
| **FINANCIAL LITERACY (FL)** | | | | | | | |
| FL.1 | Develop financial and career goals. | | CRP03.02, | 5.2, 7.2, 7.3, 7.4, | 1.5, 2.2 | 4.3.1, 4.3.2, | 1.1, 2.1, 2.2, |
|  |  | | CRP10, CS05 | 12.3 |  | 4.4.1, 4.4.2 | 7.7, 12.8, 13.2 |
| FL.2 | Create a savings and spending plan. | | CRP03.02 | 7.2, 7.3, 7.4, 7.5 |  |  | 2.1, 7.1, 7.6,  7.7, 11.6 |
| FL.3 | Analyze credit and debt levels. | |  | 7.1, 7.3 |  |  | 7.6, 7.7, 10.4,  11.6 |
| FL.4 | Evaluate savings and long-term | | CRP03.02 | 7.2, 7.3, 7.6 |  |  | 7.6, 7.7, 10.3, |
|  | investments. | |  |  | 11.6 |
| FL.5 | Measure risk management tools. | |  | 7.8 |  |  | 7.3, 7.6, 7.7,  10.3, 11.6 |

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| **Iowa K-12 21st Century Skills** | | **Agriculture** | **Business, Finance, Marketing, Management** | **Information Technology** | **Health Science** | **Human Services, Family & Consumer**  **Sciences** |
| **TECHNOLOGY LITERACY (TL)** | | | | | | |
| TL.1 | Demonstrate creative thinking, | CRP06, | 2.7, 4.5, 9.1, 9.3, | 2.5, 2.5, | 4.1.1, | 8.1, 11.9, |
| construct knowledge, and develop | CRP11, ABS | 10.1, 11.5, 13.3 | 2.6, 2.8, | 2.3.3 | 12.5, 12.6, 12.9 |
| innovative products and processes using technology. | 04.02,  BS03.01, BS03.02, |  | 4.2, 4.5,  5.2, 5.3 |  |  |
|  | BS03.05, |  |  |  |  |
|  | PST01, PST04 |  |  |  |  |
| TL.2 | Use digital media and environments | CRP07 | 2.4, 2.7, 9.1, 9.3, | 2.5, 3.3, | 2.3.3, | 2.2, 7.4, 11.4 |
| to communicate and work | 9.4 | 3.4, 4.5, | 4.2.1, |
| collaboratively, including at a |  | 6.5 | 4.4.2, |
| distance, to support individual |  |  |  |
| learning and contribute to the |  |  |  |
| learning of others. |  |  |  |
| TL.3 | Apply digital tools to gather, evaluate, | CRP07.02, | 2.4, 2.6, 2.7, 4.5, | 1.6, 1.9, | 1.3.1, | 10.4, 11.3, |
| and use information. | CS02.01, | 7.3, 9.1, 9.3, 9.4, | 2.2, 3.2, | 2.3.3, | 11.10, 11.15 |
|  | BS02.01, | 10.1, 11.4-11.6, | 3.3, 3.5, | 10.1.1, |  |
|  | ESS01.01, | 11.10, 13.1 | 5.1, 7-4.2, | 11.1.1 – 11.1.3 |  |
|  | NRS04.02, |  | 8-5.2 |  |  |
|  | PST05 |  |  |  |  |

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| **Iowa K-12 21st Century Skills** | | **Agriculture** | **Business, Finance, Marketing, Management** | **Information Technology** | **Health Science** | **Human Services, Family & Consumer**  **Sciences** |
| TL.4 | Demonstrate critical thinking skills | CS01.01, BS01.02, BS02, BS03, ESS05.02 | 2.1-2.5, 2.7, 3.2,  4.4, 4.5, 5.3, 5.8,  9.1, 9.3, 9.4,  10.1, 11.5, 11.6,  11.10, 12.2 | 2.2, 2.6, | 2.3.1,  8.1.2,  8.2.1,  8.2.2,  8.2.3,  11.1.3 | 2.2, 3.3, 6.5, |
| using appropriate tools and resources | 2.5, 2.8, | 11.15, 12.6 |
| to plan and conduct research, manage projects, solve problems and make | 4.12, 6.1,  7-4.2 |  |
| informed decisions. |  |  |
| TL.5 | Understand human, cultural, and | CRP11.02, | 2.7, 3.3, 5.6, 9.1, | 1.7, 1.8, | 7.3.1, | 1.1, 3.3, 4.2, 5.4, |
| societal issues related to technology | CS01.02, | 9.3, 9.4, 11.4, | 4.11, 4.12, | 5.1.2, | 6.5, 7.4, 7.5, |
| and practice legal and ethical  behavior. | CS02.02 | 11.9 | 6.4, 5.6,  7.2, 7-4.2 | 6.1.1 – 6.1.2 | 11.16 |
| TL.6 | Demonstrate a sound understanding | BS.01, | 1.2, 2.4, 2.7, 3.3, | 1.9, 2.1, | 2.3.3, | 11.16 |
| of technology concepts, systems and | PST01.02, | 4.5, 8.2, 9.1-9.4, | 2.3, 2.6 – 2.8 | 10.1.1, |
| operations. | PST02 | 11.4, 11.6, 11.10 | 4.1, 4.2, 4.4, 4.5  4.9 – 4.12, 7.7.3 | 11.1.1 - 11.1.3 |



**COMMUNITY COLLEGES & WORKFORCE PREPARATION** *PROSPERITY THROUGH EDUCATION*

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The Division of Community Colleges and Workforce Preparation within the Iowa Department of Education administers a variety of diverse programs that enhance Iowa’s educational system and help to prepare a skilled and knowledgeable workforce. Divided between two bureaus — the Bureau of Community Colleges and the Bureau of Career and Technical Education — the Division is committed to providing and supporting opportunities for lifelong learning. In addition to working with Iowa’s 15 public community colleges on state accreditation, program approval, equity review, and data reporting, guidance is also provided in the areas of career and technical education, workforce training and economic development, adult education and literacy, military education, the state mandated OWI education program, the GAP Tuition and PACE programs, Senior Year Plus, the National Crosswalk Service Center, and the Statewide Intermediary Network program.