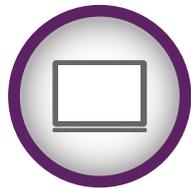


IOWA Crosswalk with 21st Century Skills

2019



BUSINESS, MANAGEMENT & ADMINISTRATION • AGRICULTURE, FOOD & NATURAL
RESOURCES • INFORMATION SOLUTIONS • APPLIED SCIENCES, TECHNOLOGY,
ENGINEERING & MANUFACTURING • HEALTH SCIENCES • HUMAN SERVICES



State Standards – Iowa, 2019 Universal CTE Standards

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

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

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Iowa K-12 21st Century Skills		Agriculture	Business, Finance, Marketing, Management	Information Technology	Health Science	Human Services, Family & Consumer Sciences
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.	CRP03, CRP03.01	3.1, 5.1, 5.4, 5.5, 5.7, 5.8, 5.10, 7.8, 11.2-11.5, 12.1	3.2, 3.4	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, 2.3, 3.1, 6.1, 6.2, 9.1, 9.2, 10.4, 13.3
HL.2	Synthesize interactive literacy and social skills to establish and monitor personal, family and community goals related to all aspects of health.	CRP05.01	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	2.5, 3.1, 3.2	2.1.1, 2.1.2, 2.3.1, 8.2.3	3.1, 3.6, 4.1, 6.1, 11.8, 11.12
HL.3	Apply critical literacy/thinking skills related to personal, family and community wellness.	CRP01.02, CS03.03	3.2, 5.3, 5.4, 5.7, 5.9, 5.10, 7.7, 12.2	1.5, 1.7, 2.2	2.1.1, 2.1.2, 2.3.1, 8.2.3	2.1, 3.3, 3.5, 3.6, 6.4, 7.1, 7.2, 10.3, 11.1
HL.4	Use media literacy skills to analyze media and other influences to effectively manage health risk situations and advocate for self and others.	CRP05	2.5, 2.7, 7.8, 10.1	1.1, 1.8, 4.6, 6.5	2.3.1, 2.3.3	3,3, 5.3, 6.3
HL.5	Demonstrate behaviors that foster healthy, active lifestyles for individuals and the benefit of society.	CRP01, CS03, AS01.03, AS07.02, ESS.02, NRS02.01	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		9.1.1, 9.1.2, 9.1.3, 9.1.4, 9.2.1,	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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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 principles.	CRP01, CRP01.03	2.7, 3.3, 4.2, 4.4, 5.3	6.7	6.1.1, 6.1.2, 6.2.1, 6.2.2	2.1, 2.3, 3.6, 7.8, 13.3
CL.3	Interpret processes, rules and laws.	CS01	1.1, 1.2, 4.2, 4.4, 5.3, 11.2, 11.4, 11.9	1.7	5.1.1, 5.2.1 – 5.2.6 7.3.1, 7.4.1, 7.4.2, 7.5.1, 7.5.2, 11.1.4	5.3, 6.1, 6.3, 6.4, 7.2, 7.3, 7.5, 7.8, 9.1, 9.2, 10.1, 10.2, 11.1, 11.2, 13.3, 13.5
FINANCIAL LITERACY (FL)						
FL.1	Develop financial and career goals.	CRP03.02, CRP10, CS05	5.2, 7.2, 7.3, 7.4, 12.3	1.5, 2.2	4.3.1, 4.3.2, 4.4.1, 4.4.2	1.1, 2.1, 2.2, 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 investments.	CRP03.02	7.2, 7.3, 7.6			7.6, 7.7, 10.3, 11.6
FL.5	Measure risk management tools.		7.8			7.3, 7.6, 7.7, 10.3, 11.6

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

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TL.4	Demonstrate critical thinking skills using appropriate tools and resources to plan and conduct research, manage projects, solve problems and make informed decisions.	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, 2.5, 2.8, 4.12, 6.1, 7-4.2	2.3.1, 8.1.2, 8.2.1, 8.2.2, 8.2.3, 11.1.3	2.2, 3.3, 6.5, 11.15, 12.6
TL.5	Understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.	CRP11.02, CS01.02, CS02.02	2.7, 3.3, 5.6, 9.1, 9.3, 9.4, 11.4, 11.9	1.7, 1.8, 4.11, 4.12, 6.4, 5.6, 7.2, 7-4.2	7.3.1, 5.1.2, 6.1.1 – 6.1.2	1.1, 3.3, 4.2, 5.4, 6.5, 7.4, 7.5, 11.16
TL.6	Demonstrate a sound understanding of technology concepts, systems and operations.	BS.01, PST01.02, PST02	1.2, 2.4, 2.7, 3.3, 4.5, 8.2, 9.1-9.4, 11.4, 11.6, 11.10	1.9, 2.1, 2.3, 2.6 – 2.8, 4.1, 4.2, 4.4, 4.5, 4.9 – 4.12, 7.7.3	2.3.3, 10.1.1, 11.1.1 - 11.1.3	11.16



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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.