

**Grand Island Public Schools
6-12 Career and Tech Ed Program Curriculum Framework**

Strand 1: Ethics And Legal Responsibilities		
6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> • Right and wrong; grey areas • Employment Practices • Customer Service • Community involvement/citizenship • Decency, reputation 	<ul style="list-style-type: none"> • Law/Company policy is ambiguous/silent on certain situations • There are consequences to the choices employers/employees make that affect future viability • When legal responsibilities and ethics are at odds an individual weighs the costs to themselves and others to come up with the most advantageous solution 	<ul style="list-style-type: none"> • What does the law/company policy require me to do? • What's the right thing to do?

Strand 2: Teamwork and Leadership		
6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> •Working towards a common goal •Leadership opportunities 	<ul style="list-style-type: none"> • The effectiveness of a team is based on their individual and collective of a common goal 	<ul style="list-style-type: none"> • What is the common goal? • How do we work together to get it done?

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Strand 3: Communications		
6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> • Interactions between employers and employees • Communication/collaboration on a team • Business-business communication (suppliers) • Customer service • “E-tail” marketing 	<ul style="list-style-type: none"> • The appropriateness of language is determined by the context in which it is used • The most appropriate method of communication depends upon specific audience and purpose 	<ul style="list-style-type: none"> • Who am I speaking to? • What is the purpose of the communication? • what is the most appropriate method of communications?

Strand 4: Technical Skills		
6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> • Having the ability to correctly select/use the tool/equipment for the task at hand 	<ul style="list-style-type: none"> • The appropriateness of the tool is dependent upon the task 	<ul style="list-style-type: none"> • Is there a better machine/tool to use for the operation I want to perform? • What is this tool/machine used for? • Do I have the skills to use the tool/machine?

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Strand 5: Systems

6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> • Parts working together as a whole to accomplish something. • Interrelated • Goes from simple toward complex and builds on each other 	<ul style="list-style-type: none"> • Systems often interact with one another • A produce, system, or environment developed for one setting may be applied to another setting • Each part of a system is best understood in relationship to the rest of the system 	<ul style="list-style-type: none"> • Can I organize what I am dealing with into a system? • Do I understand the function of each part? • How does my focus affect productivity of the work environment?

Strand 6: Safety, Health, & the Environment

6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> • Taking responsibility for oneself, others, and equipment • Maintaining a constant focus • Appropriate use of equipment 	<p style="text-align: center;">The way people conduct themselves has a significant impact on the quality of a product and the contributions of others</p>	<ul style="list-style-type: none"> • How do I recognize good safety practice? • How do I keep from hurting myself, others, and equipment? • How does my focus affect the productivity?

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Strand 7: Problem Solving & Critical Thinking

6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> • Trouble Shooting • Develop possible course of action • Use resources • Analyze effectiveness • Constant monitoring/adjusting based on results 	<ul style="list-style-type: none"> • The appropriate problem-solving process is the one that produces the desired results • There is a systematic approach to diagnosing/gathering information about unknown problems • Applications of prior knowledge (from a range of subjects) strengthens workplace performance • Fluency with language and processes improves learning of new content. 	<ul style="list-style-type: none"> • What is the problem? • What is the best approach/application/process? • How's that working? • What adjustments need to be made?

Strand 8: Information Technology Applications

6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> • Using modern technology • Able to perform technical job skills in a timely manner • Appropriate use of company policy 	<ul style="list-style-type: none"> • Effective technology users remain committed to the use of exploration and use of existing new technologies • The appropriate use of time management has a direct impact on the end result 	<ul style="list-style-type: none"> • How do I effectively use what I already know to make sense of something new? • How do I use/apply this technology? • How does the way I work affect the result(s)?

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Strand 9: Academic Foundations

6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<ul style="list-style-type: none"> Using knowledge and skills related to reading, writing, math, science, and history within the context of the work 	<ul style="list-style-type: none"> Fluency with language (numbers, words, symbols, images) improves learning of new processes, content, and tools Flexible application of prior knowledge in other subject areas strengthens performance in the workplace 	<ul style="list-style-type: none"> How do I use what I know? How do I learn what I don't know? Where have I seen this before? How does that help?

Strand 10: Employability and Career Development

6-12 Program Definition/Core Components	6-12 Program Enduring Understandings	6-12 Program Essential Questions
<p>Employability: Values match to your employers Constant adaptation to the job description Ability to get a job and keep it over time</p> <p>Career Development: Basic competence Start at an acceptable level and move up Make yourself better Earn a living Find what is suitable for you</p>	<ul style="list-style-type: none"> Job satisfaction is caused by doing quality work of personal significance 	<ul style="list-style-type: none"> What do I value? Do I have relevant and usable labor/market skills and information? Do I have the capability to gain/maintain employment? Do my interests and abilities align with my career choice?

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