



Filling the Talent Gap: Career and College Ready Michigan

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Career & College Ready

Career- and College- Ready (CCR) means that a high school graduate has the core foundational knowledge and skills necessary to succeed in workforce training, certification programs, and entry-level, credit-bearing academic college courses that provide preparation for careers leading to a self-sustaining wage, pathways to advancement, and competitiveness in the global economy

Career & College Ready

MICHIGAN

Use **technology and tools** strategically in learning and communicating



Use **argument and reasoning** to do research, construct arguments, and critique the reasoning of others



Communicate and collaborate effectively with a variety of audiences, explanations and design solutions



Solve problems, construct explanations and design solutions

Michigan ELA/Literacy Anchor Standards	NRC Science and Engineering Practices	Michigan Social Studies HSCEs–GLCEs	Michigan Mathematics Practices
Technology and Tools			
<ul style="list-style-type: none"> Integrate and evaluate content presented in diverse formats and media Use digital media and visual displays of data to express information; produce and publish writing, interact and collaborate with others; and gather relevant information from multiple sources. 	<ul style="list-style-type: none"> Use mathematics, information and computer technology, and computational thinking Develop and use models 	<ul style="list-style-type: none"> Compose written, spoken, and/or multimedia compositions in a range of genres ... that serve a variety of purposes Know how to find and organize information from a variety of sources 	<ul style="list-style-type: none"> Use appropriate tools strategically Model with mathematics
Argument and Reasoning			
<ul style="list-style-type: none"> Evaluate argument and claims in a text speech; or write arguments to support claims Draw evidence from literary and informational texts to support analysis, reflection, and research Present information, findings, and supporting evidence 	<ul style="list-style-type: none"> Engage in argument from evidence Analyze and interpret data 	<ul style="list-style-type: none"> Present a coherent thesis when making an argument, support with evidence, articulate and answer possible objections, and present a concise, clear closing. Write persuasive/argumentative essays expressing and justifying decisions on public policy issues. 	<ul style="list-style-type: none"> Construct viable arguments and critique the reasoning of others Reason abstractly and quantitatively
Communication and Collaboration			
<ul style="list-style-type: none"> Effectively converse and collaborate with diverse partners Use language to comprehend more fully when reading or listening Produce clear and coherent writing 	<ul style="list-style-type: none"> Obtain, evaluate, and communicate information 	<ul style="list-style-type: none"> Develop and refine a position, claim... that will be explored and supported by analyzing different perspectives Deeply examine policy issues in group discussions and debates (clarify issues, consider opposing views, apply democratic values or constitutional principles, anticipate consequences) to make reasoned and informed decisions. 	<ul style="list-style-type: none"> Attend to precision
Problem Solving			
<ul style="list-style-type: none"> Integrate multiple sources of information in order to make informed decisions and solve problems Conduct research projects 	<ul style="list-style-type: none"> Ask questions (science) and define problems (engineering) Plan and carry out investigations Construct explanations (science) and design solutions (engineering) 	<ul style="list-style-type: none"> Clearly state an issue as a question of public policy; trace the origins of an issue; analyze various perspectives; and generate and evaluate possible alternative resolutions. Use deductive and inductive problem-solving skills as appropriate to the problem being studied. 	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Look for and make sense of structure. Look for and express regularity in repeated reasoning

- What is CCR?
- Summit
- Survey



Project Based/Service Learning This initiative would be based in the schools where students would be engaged in relevant learning experiences including opportunities for partnering with business and industry to design and implement these programs. Higher education would need to provide training to teachers and administrators in how to support this sort of learning while employers and other regional stakeholders would provide ideas and resources for these projects.

Career Path Liaison/Corporate Engagement Portal
Providing students with opportunities to understand the available careers helps them recognize the skills they need to be career and college- ready, and thus remain more engaged in their education. All regional stakeholders would have a responsibility for helping students and parents understand the high-demand jobs available and the preparation necessary to enter into these jobs, including the technology skills and post-secondary training required.

Aligned/Standards-Based P-20 Systems Moving from courses to competency-based systems in which students demonstrate mastery in content allows for a variety of pathways to career- and college readiness and can help blur the lines between K-12, postsecondary education, and jobs. This requires that employers and educators work together to align entry/exit requirements across sectors and clearly communicate these requirements to all stakeholders. This could include promotion and expansion of Early/Middle College options.

Incorporate Family/ Community Engagement into K-12 School Improvement Plans Just as K-12 schools have a responsibility for understanding the needs of the post-secondary community so too does this community have a responsibility for understanding the challenges and requirements K-12 institutions face. Community stakeholders and K-12 institutions need to be supported in collaborative problem-solving with the end goal of improved student preparation for post-secondary opportunities. This includes business partners providing opportunities for learning and training outside of the traditional school setting.

Call to Action

1. Let's focus on the Aligned Standards-Based System initiative
2. Please complete the planning document based on what your college is doing or wants to do to support this initiative.
3. We will share and talk about what each college is doing or wants to do, including what the college may need to help be successful with this initiative.

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<http://www.micareerandcollegeready.com>

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