

## 21<sup>st</sup> Century Learning Project Development and Implementation

Implementation of various training components of the 21<sup>st</sup> Century Skills Program sponsored by the Governor's Office and the State Board of Education.

Components	Description	Qualifications
Development of a Digital Leadership Learning Community Resource	This resource will contain a structured digital self-paced professional development process designed to result in leaders who understand the background and rationale for 21 <sup>st</sup> century learning, West Virginia's role in this national initiative, the six key elements of 21 <sup>st</sup> century education and the improvement processes necessary to develop 21 <sup>st</sup> century schools and systems.	<ul style="list-style-type: none"> <li>• Skill in designing professional development processes</li> <li>• Understanding of digital applications including web design, wikkies, and blogs and the WV e-Learning Platform</li> <li>• Ability to articulate the rationale and urgency for 21<sup>st</sup> century learning through a variety of mediums</li> <li>• Deep and comprehensive knowledge of 21<sup>st</sup> century components, the P21 Partnership and WV's plan for implementing 21<sup>st</sup> century learning</li> <li>• Comprehensive knowledge of the design, purpose and contents of the Frameworks for 21<sup>st</sup> Century Systems, Schools and Classrooms</li> </ul>
Development and Delivery of 21 <sup>st</sup> Century Online Orientation Course for Classroom Teachers	This course will address the 21 <sup>st</sup> Century partnership and member states and business partners, introduce the 21 <sup>st</sup> century skills and tools in the context of the ICT Literacy Maps, compare/contrast digital natives and digital immigrants, provide resources (i.e. video clips, articles, lesson plans, blogs) to support the use of 21 <sup>st</sup> century tools in classroom instruction, address 21 <sup>st</sup> century assessments and provide teacher scenarios and corresponding survey questions that lead to the development of a personal professional development plan.	<ul style="list-style-type: none"> <li>• Skill in web page development and delivery</li> <li>• Deep and comprehensive knowledge of 21<sup>st</sup> century components, the P21 Partnership and WV's plan for implementing 21<sup>st</sup> century learning</li> <li>• Skill in designing professional development processes</li> <li>• Understanding of digital applications including web design, wikkies, and blogs and the WV e-Learning Platform</li> <li>• Knowledge of the integration of ICT Literacy and core academic subjects</li> <li>• Knowledge of assessments that measure key dimensions of 21<sup>st</sup> century learning</li> </ul>

<p>Development of Model Template for 21<sup>st</sup> Century Classrooms</p>	<p>West Virginia is the second state in the nation to join the national 21st Century Skills Partnership and has developed a comprehensive plan detailing the changes that must be made in order to provide students with world class educational opportunities to live &amp; compete in a global economy. Model 21st century classrooms need to be created to showcase rigorous curriculum &amp; instruction, integration of 21st century learning skills &amp; technology tools, classroom assessments that measure higher level thinking skills &amp; access to juried resources to improve student learning. It is very difficult to grasp these changes unless educators and stakeholders can visualize how learning will be transformed. The model classrooms would be fully equipped with necessary classroom furniture, hardware, software, networking, technology tools, educational resources, etc. for the teacher who has been provided the in-depth professional development to teach in a 21st century classroom with highly motivated students engaged in relevant, rigorous learning. Technical assistance is needed for the development of the model template for the 21st century classroom design, tools, curriculum, instruction and professional/technical support necessary to establish these model centers.</p>	<ul style="list-style-type: none"> <li>• Knowledge of the six key elements of 21<sup>st</sup> century learning</li> <li>• Knowledge of WV CSOs in the core subjects at all grade levels</li> <li>• Knowledge of the integration of ICT Literacy and core academic subjects</li> <li>• Extensive knowledge of digital technology and communication tools used to access, manage, integrate and evaluate information</li> <li>• Knowledge of assessments that measure key dimensions of 21<sup>st</sup> century learning</li> <li>• Skill in designing professional development processes</li> <li>• Knowledge of current status of technology integration in WV classroom settings</li> <li>• Skill in creating online 21<sup>st</sup> century resource tools</li> </ul>
<p>21<sup>st</sup> Century Education Skills Business Forums</p>	<p>The initiative is a series of eight gatherings throughout the state designed to encourage open discussion with businesses on ways to better prepare West Virginia students to enter the workforce. Business leaders will be asked to identify the skills and knowledge they are looking for in potential employees.</p>	<ul style="list-style-type: none"> <li>• Established relationship with the business community</li> <li>• Skill in facilitating forums</li> <li>• Knowledge of the six key elements of 21<sup>st</sup> century learning</li> </ul> <p>Deep and comprehensive knowledge of 21<sup>st</sup> century components, the P21 Partnership and WV's plan for implementing 21<sup>st</sup> century learning</p>