

# SKILLS FOR FUTURE CENTURIES

Technical Skill Standards

Common Core & WA State Standards

21st Century Standards

Learning & Innovation

Information, Media & Technology

Life & Career Readiness

Career and Technical Education (CTE) – Washington believes a comprehensive education culminates in 21st century readiness for college, careers and civic responsibility. We believe in students prepared to flourish in a dynamic, global economy.

State CTE courses exemplify the intentional synthesis of technical knowledge and skills, traditional academics, and 21st century skills as outlined by the Partnership for 21st Century Skills.



Learning that works for Washington

**CTE**<sup>™</sup>

# Skills for Future Centuries

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Our students are entering a highly competitive workforce based on a global knowledge and information economy. To be career and college ready, students need to be able to integrate and apply 21st century skills, technical knowledge and skills, and core academic knowledge. It is our state's responsibility to prepare all students for success in career, college and life. Recognizing the need to break down silos across knowledge and skills areas is an important step in this process, and Career and Technical Education (CTE) 21st century learning environments contribute to student achievement.

CTE programs in Washington are aligned with rigorous industry and academic standards. Integrating 21st Century Skills into all curricula positions CTE as a premier course of study for career and college readiness for all students, and places more students on the path to success. Teachers participate in meaningful professional development on curricula and instruction, standards and assessment, and academic integration. Program partnerships and advisories communicate this vision with business and industry partners. Such programs meet the demands of the new economy.

Recognizing 21st century readiness as an integral part of CTE programs is best for students, and best for Washington.

A handwritten signature in black ink that reads "Randy Dorn".

Randy I. Dorn

State Superintendent of Public Instruction

# 21st Century Skills

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*The Framework for 21st Century Skills presents a holistic view of teaching and learning that combines a focus on a blending of specific skills, content knowledge, expertise and literacies with support systems to help students master the multi-dimensional abilities required of them in the 21st century.*

## **Learning & Innovation Skills**

*Skills that prepare for a more complex life and work environment and are essential to prepare for the future.*

- Critical Thinking & Problem-Solving
- Communication
- Collaboration, Creativity & Innovation

## **Information, Media & Technology Skills**

*Ability to exhibit a range of functional and critical thinking skills related to information, media and technology.*

- Information Literacy
- Media Literacy
- Information, Communication, & Technology (ICT) Literacy

## **Life & Career Skills**

*Develop the ability to navigate the complex life and work environments in the globally competitive information age.*

- Flexibility & Adaptability
- Initiative & Self-Direction
- Social & Cross-Cultural Skills
- Productivity & Accountability
- Leadership & Responsibility

Learn more at [www.p21.org](http://www.p21.org) and at <http://www.k12.wa.us/CareerTechEd/TwentyFirstCenturySkills.aspx>

# Technical Skills

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*There are 16 Career Clusters in the National Career Clusters™ Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career. Career Cluster essential knowledge and skills encompass both secondary and postsecondary education, the Framework informs efforts to strengthen and improve student transition from secondary to postsecondary education.*

## **16 Career Clusters**

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, Audio/Video Technology and Communications
- Business Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Marketing, Sales and Service
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics

More at [careerandcollegeready.com](https://careerandcollegeready.com).

# Common Core & WA Standards

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*The Common Core State Standards provide a consistent, clear understanding of what students are expected to learn. The standards are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our young people need for success in college and careers. Standards are supported or supplemented through CTE course or the CTE course is equivalent to the core area.*

## **Common Core & WA State Standards**

- Reading
- Writing
- Mathematics
- Social Studies—Economics, Civics, History, Geography
- Science—Physical, Earth & Space, Life, Systems, Inquiry , Application
- Arts
- Health & Fitness

*Interdisciplinary themes are woven throughout CTE courses, providing relevant content and contexts for learning.*

## **21st Century Interdisciplinary Themes**

- Global Awareness
- Financial, Economic, Business & Entrepreneurial Literacy
- Civic Literacy
- Health & Safety
- Environmental Literacy

Learn more at [corestandards.org](https://corestandards.org) and at [standards.ospi.k12.wa.us](https://standards.ospi.k12.wa.us) respectively.

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