



Expanded Opportunities for Transition Readiness

CTECS Community of Practice

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Today's Topics

- **Proposed Graduation Requirements**
 - **Career Ready**
 - **Academic Ready**
- **Dual Credit Opportunities**
- **Secondary-Postsecondary Program Alignment**



Proposed Graduation Requirements

- Flexible program that allows students to pursue educational experiences aligned to career interests.
- Supports the need for ALL students to be transition ready upon earning a high school diploma.
- Three Components
 - Foundational
 - Personalized
 - Transition Ready



Proposed Graduation Requirements

- **Foundational – including proficiency in Reading and Mathematics assessments, requires all students to complete the following credits:**
 - **2 English Credits (I and II)**
 - **2 Mathematics Credits (Algebra I and Geometry)**
 - **2 Science Credits**
 - **2 Social Studies Credits**
 - **1 Visual and Performing Arts Credit**
 - **1/2 Physical Education Credit and 1/2 Health Credit**

In terms of grade spans rather than grades



Proposed Graduation Requirements

- **Personalized – allows students to complete credits and experiences aligned to career interests. Juniors take college entrance exam.**
 - **2 English Credits**
 - **2 Mathematics Credits**
 - **1 Science Credit**
 - **1 Social Studies Credit**
 - **Work-based Learning Experiences**
 - **Career Pathways**



Proposed Graduation Requirements

- **Transition Ready** – the attainment of the necessary knowledge, skills and dispositions for a student to successfully transition to the next level of his or her educational career.
 - **Career Ready**
 - **Academic Ready**



Career Readiness

- ▶ Benchmarks on Industry Certifications (*Approved by the Kentucky Workforce Innovation Board (KWIB) on an annual basis*);
OR
- ▶ **Scoring at or above the benchmark on the Career and Technical Education (CTE) End-of-Program Assessment for articulated credit;**
OR
- ▶ A grade of B or higher in each course on 6 or more hours of KDE-approved Career and Technical Education (CTE) dual credit
OR
- ▶ Completing a KDE/Labor Cabinet-approved apprenticeship;
OR
- ▶ Completing a KDE-approved alternate process to verify exceptional work experience.



Career Readiness (Industry Certifications)

Industry Certifications – Kentucky has a clearly defined process to ensure industry-recognized credentials are practical, relevant and that they align with career pathways. The valid industry certification list is based on information provided by local workforce investment boards (WIBs), reviewed by multiple business and industry groups, presented to the Kentucky Workforce Innovation Board (KWIB) Business and Education Alignment Committee and approved by the KWIB.



Career Readiness (CTE End-of-Program Assessment)

Career and Technical Education End-of-Program Assessment for Articulated Credit (formerly known as KOSSA) – In order to ensure that career and technical education students have acquired the skills necessary for successful transition from high school to postsecondary studies or the workforce, Kentucky has initiated a Skill Standards, Assessment, and Certification System. This system is based upon clear and concise standards identified by employers across the state which culminates in a performance based training and assessment system.



Career Readiness (CTE End-of-Program Assessment)

- ▶ **Establish Standards and Assessments**
 - ▶ Involved Economic Development, Education and Workforce Development, Kentucky Department of Education, Business and Industry
 - ▶ CTECS
- ▶ **Development**
 - ▶ Adopt, Adapt, Develop
- ▶ **Expand and Refine**



Career Readiness (Apprenticeship)

KDE/Labor Cabinet-Approved
Apprenticeship (TRACK - Tech Ready
Apprentices for Careers in Kentucky) –
Students enrolled in a TRACK Pre-
Apprenticeship or Youth Apprenticeship who
receive the TRACK certificate will be identified
as career ready.



Career Readiness (Dual Credit)

Dual Credit – Students who score a grade of B or higher in two KDE-approved CTE dual credit courses will be identified as career ready. Approved dual credit for CTE must be taken within a single KDE-approved secondary CTE program area in which the student is enrolled and must align to the CTE course standards.



Career Readiness (Exceptional Work Experience)

- ▶ **KDE-approved Exceptional Work Experience** – Exceptional Work Experience is approved when a secondary student proves extraordinary recognition, achievements, growth and essential skills through a work experience beyond traditional work-based learning by demonstrating superior knowledge, exposure, and/or skills that are aligned with a valid industry-recognized certification or CTE End-of-Program Assessment in the same area as the work experience.
- ▶ The document detailing the requirements will be released soon.



Academic Readiness (2018-19)

- ▶ Benchmarks, determined by Council on Postsecondary Education (CPE) on a college admissions exam;
OR
- ▶ A grade of B or higher in each course on 6 or more hours of KDE-approved dual credit;
OR
- ▶ A score of 3+ on exams in 2 or more Advanced Placement courses;
OR
- ▶ A score of 5+ on 2 exams for International Baccalaureate courses;
OR
- ▶ Benchmarks on 2 or more Cambridge Advanced International examinations;
OR
- ▶ Completing a combination of academic readiness indicators above.

Demonstration of academic readiness shall include one quantitative reasoning or natural sciences, and one written or oral communication, arts and humanities, or social and behavioral sciences learning outcomes.



Dual Credit Opportunities

- ▶ **Dual Credit Scholarship Program**
 - CTE or general education coursework
 - Two dual credit courses in junior and/or senior year
- ▶ **Work Ready Kentucky Scholarship Program**
 - Limited to CTE coursework that is a part of a KDE-approved career pathway
 - Two dual courses per year beginning freshman year

Students can graduate with up to 30 hours dual credit when combining the two scholarship programs



Secondary Postsecondary Pathway Alignment

- ▶ **Office of Career and Technical Education is focused on development of secondary-postsecondary pathway alignments and will provide models of aligned secondary-postsecondary programs of study for all career pathways available for secondary students**



BCTC & NKU DUAL CREDIT FOR INFORMATICS/DATA SCIENCE (W/ CS MINOR)
(44 COLLEGE CREDITS DURING HIGH SCHOOL)

| <u>Grade</u> | <u>College-Ready Core</u> | <u>Informatics Pathway</u> |
|--------------|---|--|
| 9 | <ul style="list-style-type: none"> ○ English I ○ Algebra I ○ Biology I ○ U.S. History | <ul style="list-style-type: none"> ○ CIT 105 – Introduction to Computers (3) ○ CIT 155 – Web Page Development (3) |
| 10 | <ul style="list-style-type: none"> ○ English II ○ Geometry ○ Chemistry I ○ Civics | <ul style="list-style-type: none"> ○ CIT 111 – Computer Hardware and Software (4) ○ CIT 120 – Computational Thinking (3) |
| 11 | <ul style="list-style-type: none"> ○ English III ○ Algebra II ○ Physics ○ HIS 101 – World Civilization I (3) ○ COM 181 – Basic Public Speaking (3) | <ul style="list-style-type: none"> ○ CIT 170 – Database Design Fundamentals (3) ○ CIT 160 – Introduction to Networking Concepts (4) OR CIT 161 – Introduction to Networks (4) |
| 12 | <p align="center"><u>BCTC – CIT (Informatics Track – Data Science) – Diploma</u></p> <p><u>Fall</u></p> <ul style="list-style-type: none"> ○ ENG 101 – Writing I (3) ○ MAT 150 – College Algebra (3) ○ CIT 180 – Security Fundamentals (3) ○ INF 120 – Elementary Programming (3) <p><u>Spring</u></p> <ul style="list-style-type: none"> ○ ENG 102 – Writing II (3) ○ INF 260 – Object-Oriented Programming (3) | |



Questions

