



TRANSITION READINESS

Ensuring Success for All Students

CTECS Community of Practice

November 8, 2019

Transition Readiness

- } Each and every student is empowered and equipped with the knowledge, skills and dispositions to pursue a successful future
- } Expectations for Transition Readiness:
 - Earn a high school diploma by meeting or exceeding the minimum high school graduation requirements
 - Meet requirements of Academic or Career Readiness



Academic Readiness

- } Benchmarks on college admission or placement exams
- } A grade of C or higher in each course of 6 hours of KDE-approved dual credit
- } A score of 3+ on exams in 2 Advanced Placement courses
- } A score of 5+ on exams for International Baccalaureate courses
- } Benchmarks on 2 Cambridge Advanced International examinations
- } Completing a combination of academic readiness indicators listed above



Career Readiness

- } Earning a KWIB-approved Industry Certification
- } Scoring at or above the benchmark on the Career and Technical Education End-of-Program Assessment for articulated credit
- } A grade of C or higher in each course of 6 hours of KDE-approved career and technical education dual credit
- } Completing a KDE/Labor Cabinet approved apprenticeship
- } Completing a KDE-approved alternate process to verify exceptional work experience



Career Readiness

- } 181 KWIB-approved industry certifications aligned to secondary career pathways
- } Over 100 articulation agreements aligned to CTE-EOPA, coursework or industry certifications
- } 22 Secondary-Postsecondary Pathway Alignment Models



Secondary-Postsecondary Pathway Alignment

- } Agriculture
- } Air Condition Technology
- } Automotive Technology
- } Business Administration Systems
- } Computer Information Technology
- } Computerized Manufacturing and Machining
- } Construction Technology
- } Criminal Justice
- } Culinary Arts
- } Early Childhood Education
- } Emergency Medical Services
- } Heavy Equipment
- } Industrial Maintenance
- } Informatics
- } Medical Assisting
- } Medical Information Technology
- } Medium and Heavy Equipment – Diesel Technology
- } Nursing
- } Pharmacy Technology
- } Plumbing Technology
- } Web Track with Information Systems Minor
- } Welding Technology



Dual Credit Scholarship Opportunities



} Dual Credit Scholarship

- Up to two classes
- Junior – Senior
- Gen Ed or CTE Coursework

} Work Ready Kentucky Dual Credit Scholarship

- Up to two classes per year
- Freshman – Senior
- Limited to CTE Coursework

Making Every Credit Count



Secondary-Postsecondary Pathway Alignment

Postsecondary Institution: BCTC/Northern Kentucky University
 Secondary School:

Pathway: Computer Science
 College Credit: 44 Hours in HS

Grade	Academic Core	Technical Core	Diploma, Certifications(s), Certificate(s), Degree(s)
9	<ul style="list-style-type: none"> ○ English I (1) ○ Algebra I (1) ○ Biology I (1) ○ Social Studies (1) ○ Physical Education (.5) ○ Health (.5) ○ World Language (1) 	<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 (1) ○ Geometry (1) ○ Science Course (1) ○ Social Studies (1) ○ Visual and Performing Arts (1) ○ World Language (1) 	<ul style="list-style-type: none"> ○ CIT 111 – Computer Hardware and Software (4) ○ CIT 120 – Computational Thinking (3) 	KCTCS A+ Prep Certificate
11	<ul style="list-style-type: none"> ○ English Course (1) ○ Algebra II (1) ○ Science Course (1) ○ 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) 	KCTCS Computer Tech Basic Certificate
12	<p><u>BCTC</u> <u>Fall</u></p> <ul style="list-style-type: none"> ○ ENG 101 – Writing I (3) ○ MAT 150 – College Algebra (3) <p><u>Spring</u></p> <ul style="list-style-type: none"> ○ ENG 102 – Writing II (3) 	<p><u>BCTC</u> <u>Fall</u></p> <ul style="list-style-type: none"> ○ CIT 180 – Security Fundamentals (3) ○ INF 120 – Elementary Programming (3) <p><u>Spring</u></p> <ul style="list-style-type: none"> ○ INF 260 – Object-Oriented Programming (3) 	High School Diploma KWIB Approved Industry Certification(s)

13	<p>BCTC Summer <ul style="list-style-type: none"> ○ MAT 155 – Trigonometry (3) Fall <ul style="list-style-type: none"> ○ ECO 201 – Principles of Microeconomics (3) ○ MAT 174 – Calculus I (4) ○ STA 220 – Statistics (3) <u>Northern Kentucky University</u> Spring <ul style="list-style-type: none"> ○ Gen Ed. Culture and Creativity (3) ○ Gen Ed. Global Viewpoints (3) </p>	<p>Summer <ul style="list-style-type: none"> ○ CS 115 – Introduction to Computer Programming (3) OR ○ CIT 143 – C# I Fall <ul style="list-style-type: none"> ○ CIT 293 – CIT Employability Studies (1) Spring <ul style="list-style-type: none"> ○ CSC 360 - Object-Oriented Programming II (3) ○ MAT 227 – Calculus B (3) ○ STA 250 – Probability and Statistics (3) </p>	AAS Degree CIT (Informatics Track)
14	<p><u>Northern Kentucky University</u> Fall <ul style="list-style-type: none"> ○ Gen Ed. Natural Science with Lab (4) Spring <ul style="list-style-type: none"> ○ Gen Ed. Individual and Society (3) </p>	<p>Fall <ul style="list-style-type: none"> ○ CSC 364 – Data Structures and Algorithms (3) ○ MAT 228 – Calculus C (3) ○ BIS 300 – Management Information Systems (3) Spring <ul style="list-style-type: none"> ○ CSC 362 – Computer Systems (3) ○ CSC 450 – Database Management Systems (3) ○ MAT 385 – Discrete Mathematics (3) ○ CSC 415 or CSC 416 – Mobile Development (3) </p>	
15	<p><u>Northern Kentucky University</u> Fall <ul style="list-style-type: none"> ○ Gen Ed. Cultural Pluralism (3) Spring</p>	<p>Fall <ul style="list-style-type: none"> ○ CSC 402 - Advanced Programming Methods (3) ○ CSC 439 – Software Testing and Maintenance (3) ○ CSC 485 – Theory of Computation (3) ○ CSC 301 – Web Programming (3) Spring <ul style="list-style-type: none"> ○ CSC 440 – Software Engineering (3) ○ CSC 460 – Operating Systems (3) ○ CSC 491 – Comprehensive Exam (0) ○ MAT 483 – Cryptology (3) ○ MAT 234 – Linear Algebra (3) </p>	B.S. Degree Computer Science Mathematics minor

Next Steps

- } Gather models from local districts and regional academies
- } Provide guidance to support local districts and regional academies
- } Conduct professional development through regional meetings

