

Comprehensive Improvement Plan for Area Technology Centers

Rationale: School and district improvement efforts focus on student needs through a collaborative process involving all stakeholders to establish and address priority needs, district funding, and closing achievement gaps between identified subgroups of students. Additionally, schools and districts build upon their capacity for high-quality planning by making connections between academic resources and available funding to address targeted needs.

Operational definitions of each area within the plan:

Goal: Long-term three to five year target based on required goals.

Objective: Short-term target to be attained by the end of the current school year.

Strategy: Research-based approach designed to systematically address the process, practice or condition that the school/district will focus its efforts upon in order to reach its goals/objectives.

Activity: The actionable steps used to deploy the chosen strategy.

Key Core Work Processes: A series of processes identified by the Kentucky Department of Education that involve the majority of an organization's workforce and relate to its core competencies. These are the factors that determine an organization's success and help it prioritize areas for growth.

- [KCWP 1: Design and Deploy Standards](#)
- [KCWP 2: Design and Deliver Instruction](#)
- [KCWP 3: Design and Deliver Assessment Literacy](#)
- [KCWP 4: Review, Analyze and Apply Data](#)
- [KCWP 5: Design, Align and Deliver Support](#)
- [KCWP 6: Establishing Learning Culture and Environment](#)

Measure of Success: the criteria that you believe shows the impact of our work. The **measures** may be quantifiable or qualitative, but they are observable in some way. Without data on what is being accomplished by our deliberate actions, we have little or no foundation for decision-making or improvement.

Progress Monitoring: is used to assess the plan performance, to quantify a rate of improvement based on goals and objectives, and to evaluate the effectiveness of the plan.

Guidelines for Building an Improvement Plan:

- There are three (3) required ATC goals: Accountability, Apprenticeships, and Instruction
 - There can be multiple objectives for each goal.
 - There can be multiple strategies for each objective.
 - There can be multiple activities for each strategy.

1: Accountability

State your *Accountability Goal*

- Increase the number of 12th grade students that earn an approved industry certification, pass an approved end of program assessment, complete CTE Dual Credit, or successfully complete a TRACK pre-apprenticeship certification to 80% by June 30, 2023.

Objective (Plan-Validate need w/data)	Measure of Success (outcome)	Strategy (KCWP and DO)	Activities (Do)	Progress Monitoring (Study and Act)	Funding
<p>Increase the number of 12th grade students that earn an approved industry certification, pass an approved end of program assessment or successfully complete a TRACK pre-apprenticeship certification from 74% to 78% by June 30, 2021.</p> <p>In 19-20 74.5% of seniors were career ready in the 2019-2020 school year. Only 30% of eligible students received TRACK certification. TRACK tests were not administered last year due to COVID shutdown. NCCER certifications not completed due to COVID 19.</p> <p>2020 -21 As of December 10th 42 of 151 seniors are Career Ready 27.8%. Targeting seniors that completed but did not finish NCCER last year in IMT, Electrical, & Carpentry. Have certified 2 electrical, 3 IMT to this point. Scheduled 30 students to take Allied Health NOCTI Dec. 15th. Preparing 25 students to take ASE MLR in January.</p>	<ul style="list-style-type: none"> • Increase number of seniors receiving appropriate industry certifications to 78%. (Currently 27.8% December 2020) • Increase number of eligible students receiving TRACK certification to 35%. (There are 22 seniors that are eligible for TRACK exams this year). <p>2020 -21 As of December 10th 42 of 151 seniors are Career Ready 27.8%. Targeting seniors that completed but did not finish NCCER last year in IMT, Electrical, & Carpentry. Have certified 2 electrical, 3 IMT to this point. Scheduled 30 students to take Allied Health NOCTI Dec. 15th. Preparing 25 students to take ASE MLR in January.</p>	<p>KCWP 2: Design and Deliver Instruction KCWP 3: Design and Deliver Assessment Literacy</p>	<ul style="list-style-type: none"> • Provide trainings for delivering instruction in a virtual environment to keep students moving forward. • Create schedule for small group remediation and certification testing including performance tasks. • Provide resources for teachers to provide instruction in Hybrid AA/BB class schedule. • Professional learning during faculty meetings and Bullitt Days focused on differentiated instruction and the use of formative assessment data to drive instruction. • Implementation of new ATC PLC process focusing on formative assessments, differentiated instruction, student engagement, and PBL's. • Teachers will align lessons with POS and industry certification standards including TRACK where appropriate. • Ensure that teachers are utilizing the correct industry certification, and end of program assessment lists. (current for each year). 	<ul style="list-style-type: none"> • Principal-Ongoing/Weekly Review of lesson plans. • District level –Yearly data pull Principal and CCR coach ongoing monthly monitors of student progress on number of students receiving appropriate industry certifications. • Principal and Staff—Ongoing. PLC minutes and reflection. PLC focus on engagement strategies and virtual instruction. • Principal – Ongoing. Cumulative walkthrough scoreboard. Tassel evaluate tool. • Monitoring zoom lessons and collecting examples for teacher sharing in PLC's. • Building new excel tool for monitoring student progress including demographic data. 	<p>Funds to pay for certification examinations. Free & reduced lunch KDE Grant industry certification \$3135.00 Perkins Funds \$3413.00 District & Operational Funds for Nursing, Aviation, & Automotive \$5100.00</p>

<p>Increase the percentage of eligible 11th & 12th grade students taking at least one CTE dual credit course per year from 12.5% to 25% by June 30, 2021.</p> <p>In 2019-2020 20 (13%) of our current seniors completed 3 or more hours of dual credit with 17 of them completing career readiness with 6 or more hours.</p> <p>Currently 43 total seniors enrolled up from 20 (28.4%), 11 of them should have 6 or more hours by January 2021. Added EMT dual credit this year and increased number of students in Aviation Maintenance. Also enrolled students in Diesel Tech (ECTC) and IMT at the new AMIT Building (JCTC)</p>	<ul style="list-style-type: none"> Increase number of juniors and seniors enrolled in dual credit. <p>In 2019 -2020 In 2019-2020 20 (13%) of our current seniors completed 3 or more hours of dual credit with 17 of them completing career readiness with 6 or more hours.</p> <p>(Currently 50 total juniors and seniors enrolled (18.5%) up 2.5 % from last school year.) Currently 43 total seniors enrolled up from 20 (28.4%), 11 of them should have 6 or more hours by January 2021. Added EMT dual credit this year and increased number of students in Aviation Maintenance. Also enrolled students in Diesel Tech (ECTC) and IMT at the new AMIT Building (JCTC). Junior DC numbers down since we did not offer Electrical and IMT due to COVID and mostly virtual learning.</p>		<ul style="list-style-type: none"> Create format for Virtual Technical Opportunity Nights promoted for each high school Create virtual school tour promoting programs to students, parents, and the community. Professional learning between ATC teachers and JCTC instructors. Promote dual credit pathways offered through online and on-campus JCTC partnership. Promote opportunities to parents and stakeholders. Increase the number of dual credit courses offered. Addition of 16 students in new EMT program Promote JCTC AMIT programs, we have spots reserved in HVAC, Plumbing, and Industrial Maintenance. 	<ul style="list-style-type: none"> Principal, District leadership, and JCTC leadership ---ongoing. Monitor and promote dual credit enrollment and explore new dual credit courses and programs. Principal, District leadership, and JCTC leadership ---annually. Host Technical Opportunities Night to promote programs to students and parents. Principal, District leadership, and JCTC leadership --- ongoing. Promotion of dual credit opportunities through social and regular media outlets. Building new excel tool for monitoring student progress including demographic data. 	<p>\$1500 promotional materials.</p>
<p>Increase the percentage of 12th grade students reaching concentrator status to 80% by June 30, 2020.</p> <p>2019 -2020 86 of 102 seniors are at concentrator status under new Perkins Accountability (84.3%)</p> <p>Currently 88% of 2021 Seniors are at concentrator status.</p>	<p>Increase the percentage of 12th grade students reaching concentrator status to 80%. (Currently 75% - November 2019)</p> <p>2019 -2020 86 of 102 seniors are at concentrator status under new Perkins Accountability (84.3%)</p> <p>Currently 88% of 2021 Seniors are at concentrator status.</p>	<p>KCWP 5: Design, Align and Deliver Support KCWP 6: Establishing Learning Culture and Environment</p>	<ul style="list-style-type: none"> Professional learning during faculty meetings and Bullitt Days focused on differentiated instruction and the use of formative assessment data to drive instruction. ATC PLC process focusing on formative assessments, differentiated instruction, student engagement, and PBL's. PLC focus on virtual learning. Enter walkthrough data on tassel evaluate 	<ul style="list-style-type: none"> Principal-Ongoing/Weekly Review of lesson plans. Principal and Staff—Ongoing. PLC minutes and AIM sheets. Principal – Ongoing. Cumulative walkthrough scoreboard. 	<p>\$0</p>

2: Apprenticeships

State your *Apprenticeship Goal*

Increase the number of 12th grade students successfully completing a TRACK pre-apprenticeship certification or other apprenticeship by June 30, 2023.

Objective (Plan-Validate need w/data)	Measure of Success (outcome)	Strategy (KCWP and DO)	Activities (Do)	Progress Monitoring (Study and Act)	Funding
<p>Increase the number of 12th grade students successfully completing a TRACK pre-apprenticeship certification to 4.5% by June 30, 2020.</p> <p>In 2019-20 TRACK exams were not administered due to COVID.</p>	<ul style="list-style-type: none"> Increase the number of seniors successfully completing a TRACK pre-apprenticeship certification to 4.5%. (There are 46 eligible TRACK students this year and 14 eligible seniors). (At 3.8% Nov. 2019) 	<p>KCWP 2: Design and Deliver Instruction</p>	<ul style="list-style-type: none"> Remediate students that completed last year that can take TRACK this year. (COVID) Small Group Scheduling. Dual enroll students in programs so that they are eligible to take the TRACK examinations. Educate Community/ stakeholders/ Instructors/ districts/ students on TRACK benefits and implementation. 	<ul style="list-style-type: none"> Principal, College Career Coach, & district leadership – ongoing. Pathway promotion and enrollment of students. Principal, ATC staff, College Career Coach, & district leadership – ongoing. Advisory meetings promotion and creating new partnerships. Principal – ongoing. Lesson plan and pacing monitoring. 	<p>\$0</p>

<ul style="list-style-type: none"> Increased business partners for CO_OP students. 5 CO-OP students More students taking Track Exams this year. (None Last year due to COVID) 	<ul style="list-style-type: none"> Increase co-op internship, and apprenticeship opportunities for students. 		<ul style="list-style-type: none"> Meet with local industry to explore co-op, internship, and apprentice opportunities for students. Arrange tours for local industry partners at the Bullitt County ATC creating new partnerships. Increase number of students completing industry certifications after the third course to be eligible of WBL. 	<ul style="list-style-type: none"> Principal, College Career Coach, & district leadership – ongoing. Field trips and partnerships. 	
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3: Instruction

State your *Instruction Goal*

Increase the number of teachers implementing successful problem base lesson plans until all teachers are implementing at least two PBL lessons per year by June 30, 2023.

Objective (Plan-Validate need w/data)	Measure of Success (outcome)	Strategy (KCWP and DO)	Activities (Do)	Progress Monitoring (Study and Act)	Funding
All ATC teachers will implement at least one PBL lesson per year by June 30, 2021.	<ul style="list-style-type: none"> List of completed PBL's per program, at least one per program. Feedback form students on PBL work. 	<p>KCWP 2: Design and Deliver Instruction</p>	<ul style="list-style-type: none"> Provide PBL training to ALL teachers within building with remediation as needed. Develop and share PBL plans with ATC's. Consistently share PBL via Twitter and other social media. Share PBL successes with local schoolboard, media, social media, and website. Design PBL's for virtual instruction. (PD, PLC, & Bullitt Days) 	<ul style="list-style-type: none"> Principal, OCTE Leadership, NTI, and District Leadership --- ongoing. PBL professional learning and implementation. Principal --- ongoing. PBL lesson plans and promotion. Principal, OCTE Leadership, NTI, and District Leadership --- ongoing. Presentations to stakeholders and media. 	\$0