## 2021-2022 LEA TAPE Tool

This form is completed by the local Career and Technical Education Administrator and by the ALSDE staff to evaluate CTE Program quality.

Level 1 indicates the Quality Program Indicator (QPI) does NOT meet the minimum standard.

Level 2 attainment descriptors for each section represent the minimum Quality Program Indicator (QPI) achievement required to identify quality CTE program(s). Please use the Level 2 attainment descriptors as you review CTE programs within your LEA.

The Level 3 attainment descriptors are provided to assist in achieving the highest level of program quality required of an Enhanced Pathway Industry Certification (EPIC) program. EPIC reviews will be conducted at the request of the LEA.

Section to be completed by the CTE Director:

Local CTE Director:	
Date:	
Program Area Teacher:	
Length of Contract:	
Program Area Teacher:	
Length of Contract:	
Program Area Teacher:	
Length of Contract:	

# Section to be completed by the ALSDE reviewer:

Findings will be indicated in Cognia, if applicable.

ALSDE Reviewer:						
ALSDE Reviewer Signature:						
Date:						
Accolades						
Program Improvement Plan Completed:	Yes	🗌 No	□ N/A			

## Career and Technical Student Organizations (CTSO)

- Purpose:
  - Teaches professional methods of planning, applying, and evaluating an organization's improvement plan.
  - Teaches the importance of participation in your professional organization.
  - Models leadership and professional contributions to the associated professional organization.
  - Provides opportunities for integrating instruction in leadership, essential skills, and career specific skills.
  - Teaches the planning process for professional meetings, to include action items necessary to meet organizational needs.
  - Teaches the professional method for legally documenting the work of the organization.
  - Models and teaches the characteristics of effective leadership.
  - Incorporates reading for comprehension and time management skills.
  - Integrates professional characteristics: sportsmanship, responsibility, ethics, etc.
  - Provides opportunities to advance career related content knowledge beyond classroom content.
  - Encourages collaboration with other students and local stakeholders.
  - Models the importance of philanthropy in their career field.
  - Teaches effective and equitable planning, implementation, and evaluation of collaborative activities.

Quality Program Indicator (QPI)	Indicator/Verification of Compliance	Compliance			Comments
		1	2	N/A	
1.1.A Program of Work (POW)	<ul> <li>A Program of Work for the CTSO which includes:</li> <li>Goals</li> <li>Activities, to include co-curricular activities</li> <li>Timelines</li> <li>Member responsibilities</li> </ul>				
1.1.B	Responsibilities of EACH program area teacher				
Membership / Affiliation	<ul> <li>A <u>copy of the check</u> for membership payment <b>OR</b> a <u>zero-balance</u> <u>invoice</u>.</li> <li>AND</li> </ul>				
	<ul> <li>A <u>membership roster</u>, from the national/international organization, matching the payment amount.</li> </ul>				
1.1.C CTSO Meetings	<ul> <li>CTSO Meeting Minutes (minimum of four within the last 12-month period) which include:</li> <li>Creation and approval of the CTSO POW</li> <li>Community Service activity (member discussion and voting)</li> <li>Discussion and review of community service activity once completed</li> <li>Membership approval of the CTSO financial expenses</li> </ul>				

1.1.D	List of CTSO officers.	
Leadership		
Opportunities		
1.1.E	CTSO registration for student participation in state or nationally	
Competitive Events /	sponsored CTSO events (regional, district, state, or national level)	
Activities	OR	
	Proof of a local sponsored event(s) using CTSO competitive event	
	guidelines (description with DATED pictures, articles social media	
	posts, etc.)	
	AND	
	List of judges used to score the local event.	
1.1.F	CTSO minutes documenting the discussion and review of the	
Learning Through	completed community service activities (evidence is provided in 1.1.C	
Community Service	and does not require duplication here)	
	AND	
	Picture evidence of community service activities, to include dates.	
	Examples include:	
	<ul> <li>Screenshots of social media posts with picture(s)</li> </ul>	
	<ul> <li>Newspaper articles with picture(s)</li> </ul>	
	Dated pictures with brief description of activity	
	Videos of the activity which include the date	
1.1.G	Lesson Plan example(s) demonstrating the integration of the CTSO in	
CTSO Integration as an	the curriculum <u>content standards</u> .	
Integral Part of the		
Curriculum		
	EPIC Level Quality Performance Indicators	
	Evaluated separately and ONLY at the request of the LEA	
	nd participate in the CTSO as evidenced by:	
	ship roster from the national/international organization MATCHING the program	
	sters from PowerSchool.	
	regional, state, and/or national competitive events and earn at least two awards	
annually.	voice	
<ul> <li>Registration in AND</li> </ul>	VUILE	
	of students with awards, <b>OR</b> dated screenshots from the state/national website	
	rdees, <b>OR</b> dated newspaper articles, social media posts, newsletters indicating the	
awards, etc.	ruces, On dated newspaper articles, social media posts, newsietters indicating the	
-	state and/or national leadership opportunities.	
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### **Quality Instruction**

- Creation of the syllabus assures the course has a structured plan for success. The teacher has taken pre-requisites into account, has reviewed the course content standards in order to plan for the instruction and delivery to students. Assessment procedures are thought out and communicated to the student/parent with the associated grading scale. There is a systematic plan to include significant assignments highlighting numeracy and literacy in the content standards, as well as a plan to utilize the CTSO to teach essential skills and leadership characteristics.
- Perkins V requires a planned focus on the integration of literacy and numeracy.
- Embedding core content increases student comprehension through application.
- Students are more likely to meet expectations when they fully understand those expectations and how they apply to their future plans. Parents are more likely to support your classroom strategies when they are fully aware of the expectations prior to the implementation.
- Lesson plans including career related application of mathematics, mathematics vocabulary, technical reading and writing increases student comprehension and success in career/college.
- A program budget demonstrates an annual review of program equipment and supplies in respect to projected finances. This allows a realistic plan for CTE budgeting across the LEA and demonstrates good financial stewardship.
- Proficiency on the general safety exam provides evidence students will be able to enter the lab in a manner safe for the students and their peers.
- The completed CTIP demonstrates the individual assessment of a student's needs in direct correlation to the laboratory environment, the expected skills, and assigned projects in a CTE learning environment. It provides the best plan for the individual student's safety and success in the CTE program using the specific guidelines of that student's IEP.
- Preventative Maintenance schedules mimic workforce practices, teaches proper care/storage of equipment, results in less repair downtime because potential problems are addressed prior to breakage. This encourages good stewardship of educational finances.
- Proper chemical storage mimics work environments, models acceptable career/OSHA practices for the program area and provides for their safety.
- Safety Data Sheets mimic workplace safety requirements and provides emergency instruction for exposure to chemicals.
- Posted evacuation procedures meets safety laws and provides students with direction in the event of an emergency.
- Emergency current interruption, first aid supplies, and eyewash capabilities mimic workplace safety requirements and provides a process designed to limit student injury in an emergency.
- Credentialing (including stackable certificates) demonstrates the importance of obtaining career related competencies and provides knowledge and skills which will help enable students to obtain employment in their chosen field.
- Assessment of pass rates allows for the evaluation of instructional methods and the continued improvement of the program. It encourages professional collaboration and pinpoints areas in need of technical assistance.
- The students must meet benchmarks prior to sitting for a CRI exam. This encourages personal ownership of educational opportunities, simulates advanced credentialing requirements in the workplace, demonstrates financial responsibility, and provides rewards for academic success.

Quality Program Indicator (QPI)	Indicator/Verification of Compliance	Compliance		liance	Comments
		1	2	N/A	
2.1.A CTE Syllabus	<ul> <li>Course syllabi which include the following</li> <li>Course title, description, and pre-requisites</li> <li>Program/instructional delivery plan</li> <li>Course goals, assessment procedures</li> </ul>				

	<ul> <li>Grading scale</li> <li>CTSO integration</li> <li>Embedded numeracy <u>anchor assignment</u> (reference QPI 2.1.B)</li> <li>Embedded literacy <u>anchor assignment</u> (reference QPI 2.1.C)</li> <li>Available industry recognized credential offered (indicate "N/A" if not applicable)</li> </ul>
2.1.B Embedded Numeracy	<ul> <li>Lesson Plan(s) demonstrating the integration of mathematics and math vocabulary related to the lesson plan's content standard.</li> <li>Integration of mathematics appropriate to program area</li> <li>Industry appropriate mathematic vocabulary</li> </ul>
2.1.C Embedded Literacy	<ul> <li>Lesson Plan(s) demonstrating the integration of technical reading and writing related to the lesson plan's content standard.</li> <li>Integration of technical reading appropriate to program area</li> <li>Integration of writing skills appropriate to the program area</li> </ul>
2.1.D Use of Technology, Equipment, and Facility Program Budget	<ul> <li>Annual program area budget prepared by the teacher which includes         <ul> <li>Administrator signature</li> <li>Administrator signature</li> <li>Expected income:                 <ul> <li>Required: Local maintenance of effort funds, state O&amp;M funds, Perkins's funding, CTSO monies</li> <li>Optional (as applicable to program): fundraisers, sponsorships, classroom dues, etc.</li> <li>Expected expenditures:                     <ul> <li>Required: CTSO dues and activities, equipment, and supplies</li> <li>Optional (as applicable to program): fieldtrips, professional development, etc.</li> </ul> </li> </ul> </li> </ul></li></ul>
2.1.E Use of Technology, Equipment, and Facility Classroom/Lab Safety (ONSITE REVIEW)	<ul> <li>Evidence that all students have completed a general safety exam with 100 percent proficiency, for each course taught, as evidenced by student samples.         <ul> <li>Random audits will be performed on site</li> <li>A Career and Technical Implementation Plan (CTIP) is developed by the teacher as part of, or in addition to, the Individualized Education Program (IEP) process upon the student entering the CTE.             <ul> <li>Random audits will be performed on site</li> <li>The program has a clearly defined process of quality and expectation of technology, equipment updates, and facility maintenance as evidenced by:                     <ul> <li>Preventative maintenance schedule</li> </ul> </li> </ul> </li> </ul></li></ul>

2.1.F	<ul> <li>A process to ensure safety and proper use of chemicals, facilities, equipment,</li> </ul>	
Use of Technology,	and technology is provided and policies are posted for	
Equipment, and Facility	o evacuation procedures	
	<ul> <li>medical emergencies, first-aid kit is in place and highly visible,</li> </ul>	
Facilities	eyewash is easily accessible and highly visible	
	<ul> <li>emergency current interruption for power supply</li> </ul>	
(ONSITE REVIEW)	<ul> <li>Safety Data Sheets for each chemical in the program area</li> </ul>	
	Facilities meet safety regulations for adequate access to updated equipment	
	which meet local, regional, and/or state industry needs	
	Adequate space is available for seated and laboratory work for the number of	
	students enrolled in the program	
	<ul> <li>Classroom and instructional laboratory are clean, orderly and replicates a</li> </ul>	
	professional working environment	
	<ul> <li>Students are given adequate access to relevant facilities, equipment, and</li> </ul>	
	technology as evidenced by current program equipment list	
	Secured storage is sufficient	
2.1.G	The program offers credentialing opportunities ( <i>to include stackable</i>	
Industry Credentialing	credentials) and encourages students to take certification exam(s) if such	
and Technical	credential exists for program	
Assessments	<ul> <li>Dated student certification OR</li> <li>Certification agency generated report with dates</li> </ul>	
	<ul> <li>60-89% of students who sit for a certification exam obtain a passing</li> </ul>	
	score	
	o SPP application report: Unduplicated Student Count Summary	
	EPIC Level Quality Performance Indicators	
	Evaluated separately and ONLY at the request of the LEA	
CTE teachers validate s	students' mastery of mathematic standards AND technical reading and writing skills	
as evidenced by studer rubrics.	ent assessments <u>specific to those core concepts</u> verified by associated projects and	
CTE teachers are using	g two or more major anchor assignments and instructional strategies, in all courses,	
-	mathematics AND technical reading and writing skills as evidenced by lesson plans	
Academic and CTE tead	achers collaborate to embed academics as evidenced by proof of meetings held,	
agendas, sign in sheets		
	ling readiness standards by having students summarize, paraphrase, categorize, infer,	
	ry, research, and write about the technical field as evidenced by student samples	
	urrent industry/workplace needs, best practices, and requirements are the focus in e CTE Program as evidenced by advisory committee meeting minutes	
o Example: Simi	nulated workplace	
	om the optional section of the program equipment list is available for use by the	
	ocumented on the optional equipment list, additional equipment goes above and	
beyond current industr		

□ Passing industry-recognized credential(s) (CRI) leading to state and/or national licensure or certification

• 90% or more of the students who sit for a certification exam obtain a passing score

## **Program Pathway Implementation**

- Research consistently indicates students who take a series of CTE courses along a pathway are statistically more likely to graduate, take fewer remedial courses in college, and earn higher wages (specific pathways). Therefore, every student should have an opportunity to succeed through the minimal offering of three courses in a pathway.
- Planned lessons are more organized and thorough. Collaboration time with other teachers has instructional value.
- Research indicates that parental involvement in student learning has a positive impact on a student's work, participation, and success.
- Involved parents are in a better position to recognize the value of CTE in a student's education and will also be a marketing tool for your programs.
- The Advisory Committee provides current, program specific, workforce information in an effort to keep instruction relevant and to offer courses designed to meet local workforce needs.
- Having diversity in the Advisory Committee assures a varied viewpoint designed to encompass the entire program area. It also provides resources and content knowledge across the spectrum of the program, thereby assuring students are introduced to a multitude of career related information/skills.
- Meeting multiple times in a school year allows for consistent evaluation of the implemented program of work.
- Using the knowledge of a variety of career experiences provides well-rounded suggestions designed to assure the program continues to meet current workforce needs using current standards and practices.
- An Advisory Committee, employed in the local workforce, is best positioned to determine in-demand credentialing opportunities.
- Developing a program of work designed to evaluate the program, assess areas in need of improvement, and create a plan of implementation is a way to encourage career stakeholders to invest in program improvement while assuring the program remains effective in preparing students for careers in the pathway.
- An active Advisory Committee will invest in the program and can provide assistance with guest speakers, internships, sponsorships, equipment, competitive event preparation, and job opportunities.
- Effective marketing is necessary in all career fields. It provides information to students/stakeholders about the CTE program and facilitates increased enrollment of informed students with realistic expectations and a sincere interest in the program's career fields.

Quality Program Indicator (QPI)	Indicator/Verification of Compliance	(	Compliance		Comments
		1	2	N/A	
3.1.A Program Scheduling	<ul> <li>Daily Schedule(s) for all teachers, provides evidence that CTE Program includes a sequence of 3 courses provided over a two-year period as evidenced by the student information system (PowerSchool)</li> <li>CTE teachers have 30 minutes or more of uninterrupted preparation/planning time</li> </ul>				
3.1.B	Parents/guardians are provided at least <u>two</u> opportunities through				
Parent/Guardian Involvement	student/parent/ teacher meetings and annual open houses in the CTE lab, as evidenced by DATED documentation of <u>one or more of the following</u> :				

	<ul> <li>Social media post screenshots</li> <li>Newsletters</li> <li>Website screenshots</li> <li>Emails</li> <li>Parent sign in sheets, etc.</li> <li>Parents/guardians are apprised of program activities as evidenced by DATED documentation of <u>one or more of the following</u>:</li> <li>Social media post screenshots</li> <li>Newsletters</li> <li>Website screenshots</li> <li>Emails</li> <li>Website screenshots</li> <li>Parent sign in sheets, etc.</li> </ul>		
3.1.C Advisory Committee Development and Meetings	<ul> <li>An advisory committee is established representing a minimum of five broadly based business and industry stakeholders from the program area and specifically related to program under review         <ul> <li>Roster containing: each person's name, business address, job title, and contact information</li> <li>The committee meets at least twice a year and meetings have an established agenda, attendance is taken, and 51% or more of members were present for each meeting and minutes are recorded</li> <li>Evidence required for <u>each</u> meeting:</li></ul></li></ul>		
3.1.D Advisory Committee Program of Work	<ul> <li>Members develop and approve a program of work (POW) <u>each year</u> for the <u>program area</u> which includes the following:         <ul> <li>Date POW was developed</li> <li>Objectives</li> <li>Activities</li> <li>Timelines</li> <li>Committee member responsibilities</li> </ul> </li> </ul>		
3.1.E	Marketing activities reflect the value of the program to students as described in the school's printed literature and website and evidenced by one or more of the following:		

Marketing, Public	<ul> <li>Screenshots of website</li> </ul>			
Relations, and	<ul> <li>Screenshots of social media program promotions</li> </ul>			
Community Outreach	<ul> <li>Brochures</li> </ul>			
	<ul> <li>School newspapers</li> </ul>			
	<ul> <li>Other items as applicable</li> </ul>			
	EPIC Level Quality Performance Indicators			
	Evaluated separately and ONLY at the request of the LEA			
	eachers provide evidence that CTE Program includes a <i>sequence of 4 or more</i>			
courses provided over a	wo-year period			
CTE leaders conduct a particular de la particular de l	rent satisfaction survey used for program improvement			
The advisory committee	meets three or more times per year as evidenced by meeting minutes			
_	All meetings have an established agenda, minutes are recorded, attendance is taken, and 75% or more of members were present for each meeting			
□ There is evidence of an a	nnual evaluation of the effectiveness of the program of work			
The value of the program	s reflected in active marketing efforts that reach students, <i>parents, and the</i>			
<u>community</u>				
A documented plan has	een implemented to maximize program enrollment when student interest			
outweighs program capacity (e.g. applications, interviews, references etc.)				
75% or more of students entering program continue past the foundation course to concentrator status in				
the program area (data i	nay be obtained from the SPP application)			

	Professional Development					
	ncourage CTE teachers to gain new content knowledge on related workforce trends, skil ler to provide diverse and accurate instruction and advisement to students. It keeps the enhance the instruction.					
Quality Program Indicator (QPI)	Indicator/Verification of Compliance	(	Comp	liance	Comments	
		1	2	N/A		
4.1.A Technical Updates	<ul> <li>Each CTE teacher in this program has had at minimum of:         <ul> <li>8 hours of technical update in their specific program area, if 9-month contract, OR</li> <li>16 hours of technical update in their specific program area, if teacher has an extended contract (9.5 months or greater)</li> <li>Evidenced by:                 <ul> <li>Documentation of hours, in applicable workforce area, obtaining content knowledge NEW to the teacher</li> <li>PD Certificates listing workforce related content knowledge NEW to the teacher</li> <li>NEW to the teacher</li></ul></li></ul></li></ul>					

EPIC	EPIC Level Quality Performance Indicators				
Evaluated	separately and ONLY at the request of the LEA				
<ul> <li>CTE teachers have received Technical Updates as indicated in level 2 AND professional development in the areas below, within the last five years as evidenced by professional development certificate(s)</li> <li>Embedding literacy skills into technical content</li> <li>Embedding high-level math into technical content</li> <li>Utilizing Project-based learning to deepen understanding</li> <li>Aligning classroom assessments to challenging academic and technical standards</li> </ul>					
OR One or more teachers in the program have obtained National Board Certification in CTE within the last five years					

### Work-Based Learning

- Employers across the cluster areas consistently request training on essential/foundational skills.
- Essential/foundational skills are necessary in EVERY program area. Consistent integration throughout the course of study lesson plans encourages retention and demonstrates the importance of the skills.
- Fieldtrips, job shadowing, and the involvement of local business/industry provides differentiated instruction through <u>relevant program specific</u> <u>experiences</u> that prepare students to make informed decisions regarding their career goals.
- Program specific off-campus work-based learning provides students with an immersive experience in their prospective career field and knowledge which could assist in career choices, credentialing success, and post-secondary success.
- Written agreements/clinical training agreements provide concrete plans for the education, instruction, acceptable activities, and safety of the students while receiving applied instruction in an alternative program specific environment.

Quality Program Indicator (QPI)	Indicator/Verification of Compliance		Compliance		Comments
		1	2	N/A	
5.1.A Program Area Work- Based Learning (All programs)	<ul> <li>There is evidence that the CTE program addresses essential/foundational skills that employers desire of employees         <ul> <li>Lesson plan demonstrating integrated essential/foundational skills</li> <li>At least one planned field trip (off-site or virtual to Career Expos, Career Fairs, and/or Industry tours)                <ul> <li>Fieldtrip permission form with date and description of trip</li> <li>At least one formal job-shadowing opportunity                     <ul> <li>Job shadowing permission form with date and evidence of a shadowing experience related to the program area</li> <li>Each program partners with local businesses to provide work-based learning opportunities for CTE students to gain firsthand experience in the broad career area</li></ul></li></ul></li></ul></li></ul>				

	o Guest speakers		
	<ul> <li>Work-based learning sites (Internships/externships)</li> </ul>		
	<ul> <li>Competitive event training</li> </ul>		
	<ul> <li>Employability skills training</li> </ul>		
	<ul> <li>Others as applicable, to exclude fieldtrips and job shadowing</li> </ul>		
5.1.B	Student reports or evidence of off campus work-based learning		
Program Area Off Site	experiences		
Live Work	<ul> <li>Daily sign in/out sheets</li> </ul>		
(If Applicable to	<ul> <li>Logs of the students' work-site activities/experiences</li> </ul>		
Program)	<ul> <li>Student evaluations</li> </ul>		
	There is a written agreement/clinical training agreement with every off-		
	campus work-based learning site and the school		
	Clarification:		
	Programs with students receiving unpaid instruction during normal school hours and		
	through hands-on live work at local businesses should have an agreement between the		
	two entities addressing safety & instruction (i.e., orientation to facility and safety		
	standards, supervision, performance evaluation, skills to be performed, etc.)		
	Health Science Internships and SAEs are examples of program activities that would		
	require written agreements.		
	If this in not offered in the program, indicate N/A on the Form 14-1 and in Cognia		
	EPIC Level Quality Performance Indicators		
	Evaluated separately and ONLY at the request of the LEA		
A minimum of three planned field trips (off-site or virtual to Career Expos, Career Fairs, and/or Industry tours)			
	<ul> <li>Multiple job shadowing opportunities that rotate students through a variety of work settings related to</li> </ul>		
the program area			
	imulated Workplace (SWP) in a minimum of one course within the program area		
AND a minimum of the f	irst four SWP components in ALL other courses in the program area		

# Cooperative Education

This section is used exclusively to evaluate Cooperative Education Programs and is NOT applicable to other program areas. Previous sections are NOT applicable to Cooperative Education Programs.

- Consistent communication between the employer and school provides the information needed to evaluate student learning and identify areas in need of additional instruction which ensures continued learning and a more productive employee.
- Familiarity with current child labor laws assures safe employment opportunities for all students.
- Training agreements, plans and random audits provide for the education, instruction, acceptable activities, and safety of the students while receiving applied instruction while employed in the local workforce.

Quality Program Indicator (QPI)	Indicator/Verification of Compliance	Compliance		liance	Comments
		1	2	N/A	
5.2.A Cooperative Education (CoOp)	<ul> <li>There is ongoing formal communication between the school and the employer providing the work-based learning to ensure quality experiences for students and employers         <ul> <li>Student evaluations</li> <li>Communication logs</li> </ul> </li> <li>Coordinator attends one (1) hour of annual child labor law training         <ul> <li>PowerSchool records</li> <li>AND/OR</li> <li>PD Certificates</li> </ul> </li> <li>There is a formal training agreement and training plan with every off-campus work-based learning site and the school for each student, as evidenced by random on-site audits of the following:             <ul> <li>Training agreement</li> <li>Training plan</li> </ul> </li> </ul>				
	EPIC Level Quality Performance Indicators				
Evaluated separately and ONLY at the request of the LEA					
Not applicable to Cooperative Education					

Additional	Comments and/or Suggestions:
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