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 ProgramIndicator (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:

<table>
<thead>
<tr>
<th>Local CTE Director:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Date:</td>
<td></td>
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<tr>
<td>Program Area Teacher:</td>
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<td>Length of Contract:</td>
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Section to be completed by the ALSDE reviewer:

Findings will be indicated in Cognia, if applicable.

<table>
<thead>
<tr>
<th>ALSDE Reviewer:</th>
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<tbody>
<tr>
<td>ALSDE Reviewer Signature:</td>
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<tr>
<td>Date:</td>
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<tr>
<td>Accolades</td>
<td></td>
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<tr>
<td>Program Improvement Plan Completed:</td>
<td>Yes</td>
</tr>
</tbody>
</table>
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
--- | --- | --- | ---
1.1.A | A Program of Work for the CTSO which includes:
• Goals
• Activities, to include co-curricular activities
• Timelines
• Member responsibilities
• Responsibilities of EACH program area teacher | 1 | 2 | N/A

1.1.B |  
A copy of the check for membership payment OR a zero-balance invoice.  
AND  
A membership roster, from the national/international organization, matching the payment amount. | 1 | 2 | N/A

1.1.C | CTSO Meeting Minutes (minimum of four within the last 12-month period) which include:
• Creation and approval of the CTSO POW
• Community Service activity (member discussion and voting)
• Discussion and review of community service activity once completed
• Membership approval of the CTSO financial expenses | 1 | 2 | N/A
<table>
<thead>
<tr>
<th>1.1.D Leadership Opportunities</th>
<th>List of CTSO officers.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1.E Competitive Events / Activities</td>
<td>□ CTSO registration for student participation in state or nationally sponsored CTSO events (regional, district, state, or national level) OR □ Proof of a local sponsored event(s) using CTSO competitive event guidelines (description with DATED pictures, articles social media posts, etc.) • List of judges used to score the local event.</td>
</tr>
<tr>
<td>1.1.F Learning Through Community Service</td>
<td>□ CTSO minutes documenting the discussion and review of the completed community service activities (evidence is provided in 1.1.C and does not require duplication here) AND □ Picture evidence of community service activities, to include dates. Examples include: • Screenshots of social media posts with picture(s) • Newspaper articles with picture(s) • Dated pictures with brief description of activity • Videos of the activity which include the date</td>
</tr>
<tr>
<td>1.1.G CTSO Integration as an Integral Part of the Curriculum</td>
<td>□ Lesson Plan example(s) demonstrating the integration of the CTSO in the curriculum content standards.</td>
</tr>
</tbody>
</table>

**EPIC Level Quality Performance Indicators**

Evaluated separately and ONLY at the request of the LEA

□ ALL students affiliate and participate in the CTSO as evidenced by:
  o CTSO membership roster from the national/international organization MATCHING the program enrollment rosters from PowerSchool.
□ Students participate in regional, state, and/or national competitive events and earn at least two awards annually.
  o Registration invoice AND
  o Dated pictures of students with awards, OR dated screenshots from the state/national website listing the awardees, OR dated newspaper articles, social media posts, newsletters indicating the awards, etc.
□ Students participate in state and/or national leadership opportunities.
Quality Instruction

Purpose:

- 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.

<table>
<thead>
<tr>
<th>Quality Program Indicator (QPI)</th>
<th>Indicator/Verification of Compliance</th>
<th>Compliance</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1.A CTE Syllabus</td>
<td>□ Course syllabi which include the following:</td>
<td>1 2</td>
<td>N/A</td>
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<tr>
<td></td>
<td>o Course title, description, and pre-requisites</td>
<td></td>
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<tr>
<td></td>
<td>o Program/instructional delivery plan</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>o Course goals, assessment procedures</td>
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</table>
| 2.1.B Embedded Numeracy | □ Lesson Plan(s) demonstrating the integration of mathematics and math vocabulary related to the lesson plan’s content standard.  
  o Integration of mathematics appropriate to program area  
  o Industry appropriate mathematic vocabulary |
|------------------------|--------------------------------------------------------------------------------------------------|
| 2.1.C Embedded Literacy | □ Lesson Plan(s) demonstrating the integration of technical reading and writing related to the lesson plan’s content standard.  
  o Integration of technical reading appropriate to program area  
  o Integration of writing skills appropriate to the program area |
| 2.1.D Use of Technology, Equipment, and Facility Program Budget | □ Annual program area budget prepared by the teacher which includes  
  o Administrator signature  
  o Expected income:  
    ▪ Required: Local maintenance of effort funds, state O&M funds, Perkins’s funding, CTSO monies  
    ▪ Optional (as applicable to program): fundraisers, sponsorships, classroom dues, etc.  
  o Expected expenditures:  
    ▪ Required: CTSO dues and activities, equipment, and supplies  
    ▪ Optional (as applicable to program): fieldtrips, professional development, etc. |
| 2.1.E Use of Technology, Equipment, and Facility Classroom/Lab Safety (ONSITE REVIEW) | □ Evidence that all students have completed a general safety exam with 100 percent proficiency, for each course taught, as evidenced by student samples.  
  o Random audits will be performed on site  
  □ 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.  
  o Random audits will be performed on site  
  □ The program has a clearly defined process of quality and expectation of technology, equipment updates, and facility maintenance as evidenced by:  
    o Preventative maintenance schedule |
<table>
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<tr>
<th>2.1.F</th>
<th>Use of Technology, Equipment, and Facility Facilities (ONSITE REVIEW)</th>
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<tbody>
<tr>
<td>□</td>
<td>A process to ensure safety and proper use of chemicals, facilities, equipment, and technology is provided and policies are posted for</td>
</tr>
<tr>
<td>□</td>
<td>o evacuation procedures</td>
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<td></td>
<td>o medical emergencies, first-aid kit is in place and highly visible,</td>
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<td></td>
<td>eyewash is easily accessible and highly visible</td>
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<tr>
<td></td>
<td>o emergency current interruption for power supply</td>
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<td></td>
<td>o Safety Data Sheets for each chemical in the program area</td>
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<td></td>
<td>Facilities meet safety regulations for adequate access to updated equipment which meet local, regional, and/or state industry needs</td>
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<td></td>
<td>Adequate space is available for seated and laboratory work for the number of students enrolled in the program</td>
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<td></td>
<td>Classroom and instructional laboratory are clean, orderly and replicates a professional working environment</td>
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<td></td>
<td>Students are given adequate access to relevant facilities, equipment, and technology as evidenced by current program equipment list</td>
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<td></td>
<td>Secured storage is sufficient</td>
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<tr>
<th>2.1.G</th>
<th>Industry Credentialing and Technical Assessments</th>
</tr>
</thead>
<tbody>
<tr>
<td>□</td>
<td>The program offers credentialing opportunities <em>(to include stackable credentials)</em> and encourages students to take certification exam(s) if such credential exists for program</td>
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<tr>
<td></td>
<td>o Dated student certification OR</td>
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<td></td>
<td>o Certification agency generated report with dates</td>
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<tr>
<td>□</td>
<td>60-89% of students <strong>who sit for a certification exam</strong> obtain a passing score</td>
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<td></td>
<td>o SPP application report: Unduplicated Student Count Summary</td>
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<tr>
<td>□ CTE teachers validate students’ mastery of mathematic standards AND technical reading and writing skills as evidenced by student assessments <strong>specific to those core concepts</strong> verified by associated projects and rubrics.</td>
<td></td>
</tr>
<tr>
<td>□ CTE teachers are using <strong>two or more</strong> major anchor assignments and instructional strategies, in all courses, to improve students’ mathematics AND technical reading and writing skills as evidenced by lesson plans</td>
<td></td>
</tr>
<tr>
<td>□ Academic and CTE teachers collaborate to embed academics as evidenced by proof of meetings held, agendas, sign in sheets, etc.</td>
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<tr>
<td>□ Teachers embed reading readiness standards by having students summarize, paraphrase, categorize, infer, predict, use vocabulary, research, and write about the technical field as evidenced by student samples</td>
<td></td>
</tr>
<tr>
<td>□ Evidence exists that current industry/workplace needs, best practices, and requirements are the focus in delivery models of the CTE Program as evidenced by advisory committee meeting minutes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>o Example: Simulated workplace</td>
</tr>
<tr>
<td>□ 10% of equipment from the optional section of the program equipment list is available for use by the program <strong>OR</strong>, if not documented on the optional equipment list, additional equipment goes above and beyond current industry standards.</td>
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</tbody>
</table>
Program Pathway Implementation

Purpose:
- 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.

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</table>
| 3.1.A Program Scheduling        | □ 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)  
 □ CTE teachers have 30 minutes or more of uninterrupted preparation/planning time | 1 2 N/A |          |
| 3.1.B Parent/Guardian Involvement | □ Parents/guardians are provided at least two opportunities through student/parent/teacher meetings and annual open houses in the CTE lab, as evidenced by DATED documentation of one or more of the following: | 1 2 N/A |          |
### 3.1.C Advisory Committee

**Development and Meetings**

- An advisory committee is established representing a minimum of five broadly based business and industry stakeholders from the program area and specifically related to the program under review.
  - Roster containing: each person’s name, business address, job title, and contact information.

- 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.
  - Evidence required for each meeting:
    - Agenda
    - Sign in sheet demonstrating 51% or greater attendance
    - Minutes

- Members annually review local workforce data and use it to make credentialing and course sequencing suggestions.
  - At least one set of minutes annually, contains evidence of discussion, and recommendations, for the following:
    - Program credentialing
    - Program course sequencing

### 3.1.D Advisory Committee

**Program of Work**

- Members develop and approve a program of work (POW) each year for the program area which includes the following:
  - Date POW was developed
  - Objectives
  - Activities
  - Timelines
  - Committee member responsibilities

### 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 Relations, and Community Outreach

- Screenshots of website
- Screenshots of social media program promotions
- Brochures
- School newspapers
- Other items as applicable

#### EPIC Level Quality Performance Indicators
**Evaluated separately and ONLY at the request of the LEA**

- Daily Schedule(s) for all teachers provide evidence that CTE Program includes a sequence of 4 or more courses provided over a two-year period
- CTE leaders conduct a parent 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 annual evaluation of the effectiveness of the program of work
- The value of the program is reflected in active marketing efforts that reach students, *parents, and the community*
- A documented plan has been 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 may be obtained from the SPP application*)

### Professional Development

**Purpose:**

- Technical update hours encourage CTE teachers to gain new content knowledge on related workforce trends, skills, equipment, educational requirements, etc., in order to provide diverse and accurate instruction and advisement to students. It keeps the program relevant and provides the experience necessary to enhance the instruction.

#### Quality Program Indicator (QPI) | Indicator/Verification of Compliance | Compliance | Comments |
|---------------------------------|-------------------------------------|------------|----------|
| **4.1.A Technical Updates** | □ Each CTE teacher in this program has had at minimum of:  
  ○ 8 hours of technical update in their specific program area, if 9-month contract, **OR**  
  16 hours of technical update in their specific program area, if teacher has an extended contract (9.5 months or greater)  
  ○ Evidenced by:  
    ▪ Documentation of hours, in applicable workforce area, obtaining content knowledge NEW to the teacher  
    ▪ PD Certificates listing workforce related content knowledge NEW to the teacher | 1 2 N/A |
EPIC Level Quality Performance Indicators
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- 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)
  - Embedding literacy skills into technical content
  - Embedding high-level math into technical content
  - Utilizing Project-based learning to deepen understanding
  - Aligning classroom assessments to challenging academic and technical standards

OR

- One or more teachers in the program have obtained National Board Certification in CTE within the last five years

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| 5.1.A Program Area Work-Based Learning (All programs) | □ There is evidence that the CTE program addresses essential/foundational skills that employers desire of employees  
  o Lesson plan demonstrating integrated essential/foundational skills  
  □ At least one planned field trip (off-site or virtual to Career Expos, Career Fairs, and/or Industry tours)  
  o Fieldtrip permission form with date and description of trip  
  □ At least one formal job-shadowing opportunity  
  o Job shadowing permission form with date and evidence of a shadowing experience related to the program area  
  □ Each program partners with local businesses to provide work-based learning opportunities for CTE students to gain firsthand experience in the broad career area | 1 | 2 | N/A |
- Guest speakers
- Work-based learning sites (Internships/externships)
- Competitive event training
- Employability skills training
- Others as applicable, to exclude fieldtrips and job shadowing

5.1.B
Program Area Off Site Live Work
(If Applicable to Program)

- □ Student reports or evidence of off campus work-based learning experiences
  - Daily sign in/out sheets
  - Logs of the students’ work-site activities/experiences
  - Student evaluations

- □ 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 is 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)
- □ Multiple job shadowing opportunities that rotate students through a variety of work settings related to the program area
- □ Full implementation of Simulated Workplace (SWP) in a minimum of one course within the program area AND a minimum of the first four SWP components in ALL other courses in the program area

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**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.

**Purpose:**
- 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.
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</table>
| 5.2.A Cooperative Education (CoOp) | □ There is ongoing formal communication between the school and the employer providing the work-based learning to ensure quality experiences for students and employers  
  ○ Student evaluations  
  ○ Communication logs  
  □ Coordinator attends one (1) hour of annual child labor law training  
  ○ PowerSchool records  
  AND/OR  
  ○ PD Certificates  
  □ 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:  
  ○ Training agreement  
  ○ Training plan | 1 2 N/A |          |

**EPIC Level Quality Performance Indicators**  
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□ Not applicable to Cooperative Education

**Additional Comments and/or Suggestions:**