








Industry-Based Certification Updates CTAT Summer Conference

July 22, 2020



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Industry-Based Certifications Overview



Student Achievement Domain

COLLEGE, CAREER AND MILITARY READINESS INDICATORS



College Ready

- Meet criteria of 3 on AP or 4 on IB examinations
- Meet TSI criteria (SAT/ACT/TSIA/College Prep course) in reading and mathematics
- Complete a course for dual credit (9 hours or more in any subject or 3 hours or more in ELAR/mathematics)
- Earn an associate's degree
- Complete an OnRamps course in any subject and qualifying for college credit



Military Ready

Enlist in the United States Armed Forces



Career Ready

- Earn an industry-based certification
- Graduate with completed IEP and workforce readiness (graduation type codes 04, 05, 54, or 55)
- Earn a Level I or Level II certificate
- Graduate under an advanced degree plan and be identified as a current special education student





About TEA



Texas Schools



Academics

Academics

College, Career, & Military Prep

Advanced Academics

Armed Services Vocational Aptitude Battery (ASVAB)

Career and Technical Education

Pathways Initiatives

STEM (Science, Technology, Engineering, and Mathematics)

Texas College and Career Readiness School Models

Industry-Based Certifications (IBCs)

2019-2020 Approved Industry-Based Certifications for Public School Accountability

The Texas Education Agency (TEA) is releasing the updated list of industry-based certifications to be used for public school accountability. The new list of industry-based certifications is scheduled to go into effect for the 2019-2020 school-year and will apply to school accountability ratings in August 2021.

As the new list is reviewed, please make note of the following:

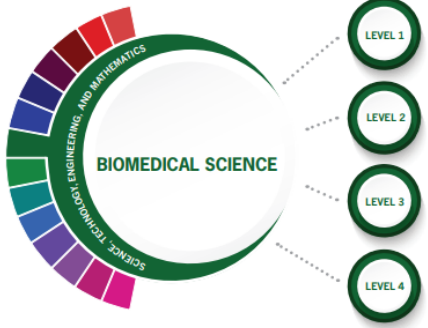
- Business, Marketing and Finance clusters have been aligned together. In addition, Government & Public Administration has been aligned with the Law, Public Safety, Corrections and Security career cluster.
- Industry-Based Certifications are valuable in multiple career clusters. An example of this is the Autodesk AutoCAD certification which aligns with several careers. If the certification is earned, a district should report the certification regardless of the primary cluster identified on the list.

[Current list of approved Industry-Based Certifications for Public School Accountability \(PDF\)](#)



The TEA engaged members of the workforce, secondary education, and higher education to advise on the development of programs of study, including coherent sequences of courses, industry-based certifications, and work-based learning to ensure students are prepared for high-wage, high-skill and in-demand careers in Texas.

Program of Study Framework



COURSES

- LEVEL 1**: Principles of Biosciences, Principles of Biomedical Science (PLTW)
- LEVEL 2**: Human Body Systems (PLTW), Biotechnology I
- LEVEL 3**: Biotechnology II, Medical Microbiology, Medical Interventions (PLTW)
- LEVEL 4**: Pathophysiology, Biomedical Innovations (PLTW), Practicum in Science, Technology, Engineering, and Mathematics, Scientific Research and Design

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE	OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Medical Laboratory Assistant	Medical and Clinical Laboratory Technologists	Histologic Technician	Molecular Biology	Genetic Counseling	Medical and Laboratory Technicians	\$37,981	1,159	28%
Medical Laboratory Technician			Biomedical Engineers	Medical Scientist	Biological Technicians	\$42,931	452	17%
		Clinical Laboratory Science/ Medical Technology/ Technologist	Clinical Laboratory Science/ Medical Technology/ Technologist	Epidemiology	Forensic Science Technicians	\$48,152	171	35%
					Chemical Technicians	\$49,733	672	10%
					Medical and Clinical Laboratory Technicians	\$58,760	1,166	25%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities: Health Occupations Students of America (HOSA)


Work Based Learning Activities: Lab internship or shadow a healthcare or medical professional

Additional industry based certification information is available from the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

The Biomedical Science program of study focuses on the study of biology and medicine in order to introduce students to the knowledge and skills necessary to be successful in the healthcare field, such as researching and diagnosing diseases, pre-existing conditions, or other determinants of health. Students may also practice patient care and communication.

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Successful completion of the Biomedical Science program of study will fulfill requirements of the Public Service Endorsement or STEM Endorsement, dependent upon courses chosen.




IBC's and Accountability



IBC Accountability Reporting Windows

Type of Student	If an IBC was earned		then report the IBC in the following TSDS PEIMS Collection:			
	From	To	2019-2020	2020-2021		2021-2022
			Summer (Sub 3)	Fall (Sub 1)	Summer (Sub 3)	Fall (Sub 1)
Currently enrolled student or 2020 graduate	September 1, 2019	May 31, 2020	X			
Currently enrolled student or 2020 graduate *	June 1, 2020	August 31, 2020		X		
Currently enrolled student or 2021 graduate	September 1, 2020	May 31, 2021			X	
Currently enrolled student or 2021 graduate *	June 1, 2021	August 31, 2021				X



IBC Vendor Crosswalk

C214 Code	Certification Title	Certifying Entity 1 and C226 code	Certifying Entity 2 and C226 code
10	Adobe Certified Associate After Effects	Certiport (250)	
11	Adobe Certified Associate Animate	Certiport (250)	
12	Adobe Certified Associate Creative Cloud	Certiport (250)	
13	Adobe Certified Associate Creative Suite 6	Certiport (250)	
14	Adobe Certified Associate Flash	Certiport (250)	
15	Adobe Certified Associate Illustrator	Certiport (250)	
16	Adobe Certified Associate InDesign	Certiport (250)	
17	Adobe Certified Associate Photoshop	Certiport (250)	
18	Adobe Certified Associate Premiere Pro	Certiport (250)	
19	Adobe Certified Associate Visual Design Specialist	Certiport (250)	
20	Adobe Certified Associate Web Design Specialist	Certiport (250)	
30	Adobe Certified Expert After Effects	Adobe (110)	
31	Adobe Certified Expert Illustrator	Adobe (110)	
32	Adobe Certified Expert InDesign	Adobe (110)	
33	Adobe Certified Expert Photoshop	Adobe (110)	
34	Adobe Certified Expert Web Premiere Pro	Adobe (110)	
40	Aerospace Manufacturing	Space TEC (520)	
100	API 1104 Welding	American Welding Society (200)	
101	Apple App Development with Swift	Certiport (250)	
102	Apple Final Cut Pro X	Apple Authorized Training Provider (220)	PearsonVue (450)



**C214 Code
Industry-Based Certification Code**



Vendor Name and C226 Code Vendor Code



IBC Reimbursement and Reporting Timeline



College Preparation Exam and Industry-Based Certification Exam Reimbursement

Funding formulas now include a **reimbursement** to districts to offer one free **college preparation assessment & industry-based certification exam** per student before they graduate.



Reimbursement is provided **once per high school student** for SAT/ACT/TSIA



Reimbursement is provided **once per high school student** for any of the Industry-Based Certifications in A-F accountability **if the student passes the exam**

In Statute:

The College Preparation Assessment Reimbursement can be found in HB 3 §48.155.

The Certification Examination Reimbursement can be found in HB 3 §48.156.



Industry-Based Certifications: Exam Reimbursement



Eligible Students

For the 2019-2020 school year, students in **Grades 9-12*** who take an IBC examination from approved vendors from **September 1, 2019 – August 31, 2020**.



Multiple Districts

TEA has included the industry-based certification reimbursement into TReX so districts can track whether or not the student has already received a reimbursement. If multiple districts request reimbursement, the first district in which the student earns a certification and reports a viable cost is the one who may receive the reimbursement.

***Note: Students are eligible in subsequent years if they do not receive a reimbursement for the prior year. For example, a 2019-2020 Grade 9 student who did not receive a reimbursement is still eligible until graduation for reimbursement.**



Industry-Based Certifications: Annual Timeline

Allotments

May-October, Year 1

TEA calculates the next school year's allotments and distributes to LEAs through FSP funding allocations

- **Complex calculation rate** using total CTE enrollment
- Calculation rate applied to **each CTE enrolled student per district** to get final amounts

Testing

September 1 – August 31, Year 1 and 2

Students take certification exams. The district is supporting campuses in creating local policy on registration, dates, and payments.

- Districts must use the **approved vendor** and **certification**
- **Student must pass in order to be eligible for reimbursement**

Processing

June 1 – March 31, Year 1 and 2

TEA validates student attendance and calculates final amounts.

- TEA receives IBC district self-reported data through PEIMS
- 2019-2020 school year, PEIMS submission 3 requires districts to hand enter and submit cost and certifying entity
- TEA processes all data and reimburses the **highest cost exam**

Settle-Up

April 1, Year 2

TEA settles-up with districts.

- If districts have **greater** spending than what was **originally advanced**, they will be **reimbursed**
- If districts **underspend** what was **originally advanced**, they will **return** the unused funds



2019-2020 Summer Submission 3 Reimbursement Process



- Beginning in the **2020-2021** school year (PEIMS fall submission 1) and all subsequent submissions, LEAs will be able to report in PEIMS the cost of the certification earned and the certifying entity.
- However, **2019-2020 PEIMS summer submission 3** (IBC exams passed by students enrolled in Grades 9-12 between September 1, 2019 and May 31, 2020) will not include the option for LEAs to submit this data.
- Since the 2019-2020 PEIMS summer submission 3 will only allow LEAs to report certification earned, TEA has developed a **one-time process** to collect the **cost and certifying entity** information for reimbursement.



- On **August 3, 2020**, TEA will open the window for LEAs to submit a **Qualtrics form** with the required data in a comma-separated value (CSV) file to request IBC reimbursement. This window will close **October 2, 2020**. TEA **will not accept late requests**.
- Specific instructions can be found on the Industry-Based Certification Examination reimbursement [website](#).



2019-2020 IBC Reimbursement Process

- LEAs should pull required data elements from 2019-2020 summer submission 3 in their SIS and add the two required columns (cost and certifying entity).
- TEA will reimburse the first certification earned that is reported with a cost greater than \$0. LEAs must put "0" in the cost column if they do not wish to receive a reimbursement for that certification and put a viable cost if they DO wish to receive reimbursement for that certification.



Only one reimbursement per student throughout Grades 9-12 will be provided; therefore, LEAs should only report a cost greater than \$0 for the certification for which they wish to be reimbursed.



Reminder: reporting happens every year for every certification earned. Only cost reporting greater than \$0 happens once.



Summer Submission 3 Data Elements

Data Elements to Extract from SIS

Data Element (As shown on template)	Definition (What it is)	Source (Where to find it)
County-District (CDN) Number	The unique 6-digit number that identifies the county and district at which the student is enrolled. This also identifies the district that is requesting reimbursement.	TSDS Element ID E0212
Student 10-Digit TSDS Unique Student ID	The unique 10-digit number assigned to a student by the Texas Education Agency.	TSDS Element ID E1523
First Name (Student)	The student's legal first name	TSDS Element ID E0703
Last Name (Student)	The student's legal last name	TSDS Element ID E0705

Date of Birth (Student)	The student's legal year, month, and day of birth	TSDS Element ID E0006
Industry-Based Certification Earned	The industry-based certification that the student earned	TSDS Element ID E1640 Code Table C214
Effective Date	The date upon which the IBC was earned	TSDS Element ID E1632



New Data Elements for 19-20 Reimbursement

Data Elements to ADD

IBC Vendor Code	The organization or company that offered the IBC (the certifying entity)	TSDS Element ID E1655 Code Table C226
IBC Exam Fee Amount	The cost of the IBC examination	TSDS Element ID E1654

- These are 20-21 PEIMS data elements that need to be **added** to 19-20 reimbursement submissions in order to be considered for reimbursement.



2020-2021 Fall Submission 1 and Beyond

- **2020-2021 fall submission 1** and **all subsequent submissions** will include all of the data elements just discussed.
- Guidance for reporting reimbursement in these submissions is as follows:
 - **Cost:** 0 if the district does not want a reimbursement (or that student has already received one), 1-700 if the district DOES want a reimbursement (and the student has not yet received one; put the actual cost of the examination)
 - **Certifying entity:** Use code table C226
- PEIMS will not catch duplicate cost reporting; therefore, **LEAs must ensure they are reporting cost correctly.**
- TEA will remove duplicates after submissions and may issue **denial codes** for reimbursement if the student has already received one.



Site License Guidance



- *What is a site license?*
 - Site licenses are offered to help offset the cost of individual student vouchers for large groups of students. Site licenses can lower the cost of certification testing and provide additional resources for student exam preparation. Components may include practice exams, study materials, and/or certification exam vouchers or additional items.

- *How do LEAs disaggregate site license costs for exam reimbursement?*
 - Costs related to specific site license components will come from the certifying entities. Since LEAs can only be reimbursed for the cost of **passed** certification exams, disaggregating the cost is important for appropriate reimbursement. TEA has provided examples to guide how LEAs using site licenses may ascertain the appropriate cost per student.



Example 1 – No Site License Purchased *Cost Provided and Outlined by Certifying Entity:*

Individual Student Voucher Cost	\$85.00
Number of students who complete exam	25
Number of students who passed the exam	20
Cost per student reported for reimbursement	\$85.00

\$85.00 per student exam for the 20 students that passed

- Please note that the prices indicated in these examples are not representative of any specific certifying entity. LEAs should reach out directly to certifying entities for specific pricing information.



Example 2 – Site License Purchased (Itemized)

Itemized component for a site license:

Site License Certification Exam Component Cost	\$1,000
Number of students who complete the exam	25
Number of students who passed the exam	20
Cost per student reported for reimbursement	\$40.00

$\$1,000/25 = \40.00 per student exam cost for the 20 students that passed

Reasoning: If a certifying entity provides an itemized cost for each component of the site license, the district should calculate the cost of each individual student exam and claim reimbursement for passed exams.

- Please note that the prices indicated in these examples are not representative of any specific certifying entity. LEAs should reach out directly to certifying entities for specific pricing information.



Example 3 – Site License Purchased

Itemized component for a site license:

Site License Certification Exam Component Cost	\$1,000
Individual Student Voucher Cost	\$85.00
Number of Students who took exam	10
Number of students who passed the exam	5
Cost per student reported for reimbursement	

$\$1,000/10=\100.00 cost per student for the site license; request reimbursement of **\$85.00** which is the cost of an individual student voucher

Reasoning: The district should claim the **lesser** of the student cost for the site license or the cost of a single student voucher.

- Please note that the prices indicated in these examples are not representative of any specific certifying entity. LEAs should reach out directly to certifying entities for specific pricing information.





THANK YOU!

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