



2022-2024 Advanced Placement (AP) Computer Science Principles (CSP) Grant Letter of Interest (LOI) Application Due 11:59 p.m. CT, July 12, 2022

NOGA ID []

Authorizing legislation **General Appropriations Act, Article III, Rider 86, 87th Texas Legislature**

This LOI application must be submitted via email to **competitivegrants@tea.texas.gov**.

The LOI application may be signed with a digital ID or it may be signed by hand. Both forms of signature are acceptable.

TEA must receive the application by **11:59 p.m. CT, July 12, 2022**.

Application stamp-in date and time

Grant period from **August 31, 2022 to April 30, 2024**

Pre-award costs are **not** permitted for this grant.

Required Attachments

- 1. Excel workbook with the grant's budget schedules (linked along with this form on the TEA Grants Opportunities page)

Amendment Number

Amendment number (For amendments only; enter N/A when completing this form to apply for grant funds): []

Applicant Information

Organization CDN Campus ESC UEI #

Address City ZIP Vendor ID

Primary Contact Email Phone

Secondary Contact Email Phone

Certification and Incorporation

I understand that this application constitutes an offer and, if accepted by TEA or renegotiated to acceptance, will form a binding agreement. I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I certify that any ensuing program and activity will be conducted in accordance and compliance with all applicable federal and state laws and regulations.

I further certify my acceptance of the requirements conveyed in the following portions of the LOI application, as applicable, and that these documents are incorporated by reference as part of the LOI application and Notice of Grant Award (NOGA):

- LOI application, guidelines, and instructions
- Debarment and Suspension Certification
- General and application-specific Provisions and Assurances
- Lobbying Certification

Authorized Official Name Title

Email Phone

Signature Date

Shared Services Arrangements Shared services arrangements (SSAs) are **not** permitted for this grant.**Statutory/Program Assurances**

The following assurances apply to this program. In order to meet the requirements of the program, the applicant must comply with these assurances.

Check each of the following boxes to indicate your compliance.

- 1. The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this LOI will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
- 2. The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
- 3. The applicant provides assurance to adhere to all the Statutory and TEA Program requirements as noted in the 2022-2024 Advanced Placement (AP) Computer Science Principles (CSP) Grant Program Guidelines.
- 4. The applicant provides assurance to adhere to all the Performance Measures, as noted in the 2022-2024 Advanced Placement (AP) Computer Science Principles (CSP) Grant Program Guidelines, and shall provide to TEA, upon request, any performance data necessary to assess the success of the program.
- 5. The applicant will include AP CSP as part of the course catalog for the 2023-2024 school year by December 2022 and will go through the necessary district policies to obtain school board approval.
- 6. The applicant will identify, recruit, and onboard qualified teachers to receive professional development training and become certified to teach an AP CSP course.
- 7. The applicant will identify and select a professional development provider.
- 8. The applicant will promote the AP CSP course offering to all students.
- 9. The applicant will provide support necessary to ensure students successfully pass the AP CSP course.
- 10. The applicant will provide a way for students to take the AP CSP exam after course completion for free or at a reduced cost.

Summary of Program

Provide an overview of the program to be implemented with grant funds. Include the overall mission and specific needs of the organization. Describe how the program will address the mission and needs.

Lumberton ISD is a 4A district in South East Texas. Our high school contains grades 9-12 with approximately 1,200 students. The mission of Lumberton ISD is to challenge and inspire all students to develop their talents, becoming the best version of themselves.

Lumberton High School constantly strives to increase students' instructional opportunities. Currently we offer the following AP courses: AP Language and Composition, AP World History, AP US History, AP Calculus, and AP Biology. We would like to expand our AP offerings with AP Computer Science Principles. One of the obstacles the Grant will help us overcome is paying for student AP exams. Many of our students tend to not to take the AP exam because it is associated with a cost. Eliminating the cost will help us expand our AP offerings to help students explore this course and the benefits that come with the knowledge they gain as a result of the course and exam completion.

TEA Program Requirements

1. Identify and describe the explicit need for grant funds to support an AP Computer Science Principles (AP CSP) course. How will this grant build capacity for the LEA? How will the LEA prioritize marginalized students in receiving access to the AP CSP course offering?

The grant funds will allow Lumberton ISD to ensure our academically disadvantaged students don't have an undue financial burden while taking AP Computer Science Principles. It will help them explore their talents and abilities, and will open new educational opportunities in the long-term perspective. For many of those students, it will probably be the only AP course they every take.

In addition, by adding an additional AP course, Lumberton ISD will broaden the options for students to be college ready and meet at least one CCMR criterion.

TEA Program Requirements Cont'd

2. Describe how the LEA will select teachers to receive professional development to teach an AP CSP course. How will the LEA select teachers and ensure teacher commitment? How will the LEA ensure teachers have all the tools necessary to teach the AP CSP course successfully? Include how many teachers the LEA needs to provide the AP CSP course.

Due to the size of our district, we will have only one teacher with one section of the AP CSP the first year of implementation. The teacher already teaches regular Computer Science classes, therefore the addition of the AP CSP will help her stay motivated by being able to challenge her advanced students.

3. The LEA will identify and select a professional development provider. Describe the nature of the LEA/provider relationship. Which vendor will be the professional development provider for the LEA? When and how will this training occur?

In the Summer of 2023 the teacher will attend the AP Summer Institute by one of the College Board approved institutions in Texas.

TEA Program Requirements Cont'd

4. Describe the course curriculum for classroom instruction. List any curriculum, technology, and/or equipment required for the course.

The teacher will utilize the resources provided by the College Board, including but not limited to the AP daily videos, topic questions, and the questions bank. They will also utilize the existing technology in their current computer lab to instruct and for students to complete the course.

-CodeHS : With a unique focus on creative problem-solving and real-world applications, the CodeHS AP Computer Science Principles curriculum gives students the opportunity to explore important topics of computing. Students use their own ideas and creativity, build artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field.

5. Describe how students will be supported in selecting and succeeding in the AP CSP course. How does this course support the student's program of study or graduation plan? The LEA must include a plan for ensuring that students take and pass the AP CSP exam.

The AP CSP will be one of the four options of math courses required for graduation. Also, if students take the AP exam, they will be incentivised by being exempt from their final course exam. The prerequisite (or co-requisite) for the course will be Algebra I.

TEA Program Requirements Cont'd

6. Describe the course evaluation procedure and outline student success measures. Describe how the LEA will ensure successful grant administration by measuring the following metrics: (a) Increase in the number of CTE completers taking an AP course; (b) Increase in participation and/or performance of students taking and/or passing the AP CSP exam; and (c) Increase in number of special populations and non-traditional students enrolled in an AP CSP course.

The evaluation will consist of the following:

- Regular monitoring of students' progress/grades
- Number of students taking the course vs. number of students taking the exam
- The average exam score of the students who take the exam

The district will keep an ongoing CCMR tracker spreadsheet that allows us to identify the students who have not met at least one CCMR criterion. The students who have not met any CCMR criteria will be recruited into the class along with other students who wish to take the class and have the prerequisite.

7. Describe how the LEA plans to implement and sustain the AP CSP course at each campus and how the course will continued to be offered beyond the grant.

The grant will help the district to cover the teacher training cost. In the years following the completion of the grant, the district will look into other options to cover (fully or partially) student exam cost. The campus will continue to promote the AP CSP during student course selection during the course showcase.

Goals, Objectives and Strategies

Describe the major goals/objectives of the proposed program. What activities/strategies will be implemented to meet those goals/objectives?

The goals of adding the AP CSP is to expand AP offerings to students, increase the number of students who meet the CCMR criteria, and expand educational horizons of the academically and economically disadvantaged students.

Strategies:

- AP parent night
- Approach individual students who qualify
- Provide incentives in the form of exam exemptions
- Provide training to the teacher
- Provide review sessions to students to prepare for exam

Budget Narrative

Describe how the proposed budget will meet the needs and goals of the program, including for staffing, supplies and materials, contracts, travel, etc. If applicable, include a high-level snapshot of funds currently allocated to similar programs. Include a short narrative describing how adjustments will be made in the future to meet needs.

The proposed budget will help provide the required AP CSP curriculum and exams for our students in order to provide a valuable pathway to meet workforce demand. It will also allow the selected staff to travel and attend an AP Summer Institute training in the Summer of 2023 in preparation for instructing the course, for the 23-24 school year and at least two additional years, after receiving the initial training and proper certifications. Our goal in implementing this program is to increase the number of students meeting CCMR and preparing them to succeed in a computer science related profession. The district currently allots between \$5,000 and \$10,000 for these similar programs based on needs.

Adjustments will be made to the district budget, in order to continue the course after the allotted grant period, and also to the curriculum based on student feedback, scoring, and the district's CCMR goals.

Appendix I: Amendment Description and Purpose (leave this section blank when completing the initial application for funding)

An amendment must be submitted when the program plan or budget is altered for the reasons described in the "When to Amend the Application" document posted on the [Administering a Grant](#) page. The following are required to be submitted for an amendment: (1) Page 1 of the application with updated contact information and current authorized official's signature and date, (2) Appendix I with changes identified and described, (3) all updated sections of the application or budget affected by the changes identified below, and, if applicable, (4) Amended Budget Request. Amendment Instructions with more details can be found on the last tab of the budget template.

You may duplicate this page

Amended Section	Reason for Amendment
<input type="text"/>	
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Application Part 2: 2022-2024 Advanced Placement (AP) Computer Science Principles (CSP) Grant

Authorized by: General Appropriations Act, Article III, Rider 86, 87th Texas Legislature

County District Number or Vendor ID: 100907		Amendment #: 0
Supplies and Materials (6300)		
Expense Item Description		Grant Amount Budgeted
1	Remaining 6300 - Supplies and materials that do not require specific approval:	\$ 2,720
2	Grand Total:	\$ 2,720
3	Total Program Costs*:	\$ -
4	Total Direct Admin Costs*:	\$ -
<p>*Complete the Total Program Costs (line 3) and Total Direct Admin Costs (line 4) lines. The sum of these lines must equal the Grand Total (line 2) otherwise the field will change color to red indicating an error. These amounts will automatically populate on the Program Budget Summary worksheet.</p>		

FOR TEA USE ONLY	
Changes on this page have been confirmed with:	On this date:
Via telephone/email (select as appropriate):	By TEA staff person:

Application Part 2: 2022-2024 Advanced Placement (AP) Computer Science Principles (CSP) Grant
Authorized by: General Appropriations Act, Article III, Rider 86, 87th Texas Legislature

County District Number or Vendor ID: 100907		Amendment #: 0	
Other Operating Costs (6400)			
Expense Item Description		Grant Amount Budgeted	
1	6411 - Out-of-state travel for employees. Must be allowable per Program Guidelines and grantee must keep documentation locally.	\$	-
2	6412 - Travel for students to conferences (does not include field trips). Requires pre-authorization in writing. (Enter name and purpose of conference)	\$	-
3	6412/6494 - Educational Field Trip(s). Must be allowable per Program Guidelines and grantee must keep documentation locally.	\$	-
4	6413 - Stipends for non-employees other than those included in 6419.	\$	-
5	6419 - Non-employee costs for conferences. Requires pre-authorization in writing.		
6	6411/6419 - Travel costs for officials such as Executive Director, Superintendent, or Local Board Members. Allowable only when such costs are directly related to the grant. Must be allowable per Program Guidelines and grantee must keep out-of-state travel documentation locally.	\$	-
7	6495 - Cost of membership in civic or community organizations. (Enter name and purpose of organization)	\$	-
8	64XX - Hosting conferences for non-employees. Must be allowable per Program Guidelines, and grantee must keep documentation locally.	\$	-
9	Subtotal of other operating costs (6400) requiring specific approval:	\$	-
10	Remaining 6400 - Other operating costs that do not require specific approval.	\$	2,280
11	Grand Total:	\$	2,280
12	Total Program Costs*:	\$	-
13	Total Direct Admin Costs*:	\$	-
<p>*Complete the Total Program Costs (line 12) and Total Direct Admin Costs (line 13) lines. The sum of these lines must equal the Grand Total (line 11) otherwise the field will change color to red indicating an error. These amounts will automatically populate on the Program Budget Summary worksheet.</p>			

In-state travel for employees does not require specific approval.

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Authorized by: General Appropriations Act, Article III, Rider 86, 87th Texas Legislature

County District Number or vendor ID:	100907	Amendment #	0
Grant Period:	August 31, 2022, to April 30, 2024	Fund Code:	429

Description and Purpose	Source of Funds			
	Class/ Object Code	Program Cost	Direct Administrative Cost	Total Budgeted Cost
1 Payroll Costs	6100		\$ -	\$ -
2 Professional and Contracted Services	6200	\$ -	\$ -	\$ -
3 Supplies and Materials	6300	\$ 2,720	\$ -	\$ 2,720
4 Other Operating Costs	6400	\$ 2,280	\$ -	\$ 2,280
5 Capital Outlay	6600	\$ -	\$ -	\$ -
6	Total Direct Costs:	\$ 5,000	\$ -	\$ 5,000
7	*Indirect Costs:			\$ -
8	Total of All Budgeted Costs :	\$ 5,000	\$ -	\$ 5,000

**For current year indirect cost rates, please visit the Federal Fiscal Compliance and Reporting [Indirect Cost Rates](#) page.*

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. Indirect costs claimed are part of the total grant award amount, not in addition to the grant award amount. Do not submit an amendment solely for the purpose of budgeting indirect costs.

To calculate maximum indirect costs, please use the Maximum Indirect Costs Worksheet available on the Grants Administration Division's [Grant Resources](#) webpage.

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