



2020-2021 Summer Career and Technical Education Grant
Letter of Interest (LOI) Application Due 11:59 p.m. CT, March 26, 2021

NOGA ID

Authorizing legislation

This LOI application must be submitted via email to loiapplications@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.

Application stamp-in date and time

TEA must receive the application by **11:59 p.m. CT, March 26, 2021**.

Grant period from

Pre-award costs permitted from

Required Attachments

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

See the Program Guidelines for for additional attachment information.

Select Focus Area (Applicants May Select One or Both Focus Areas)

Focus Area 1: Career and Technical Education Course

Focus Area 2: Work-Based Learning Experiences

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 DUNS

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 permitted for this grant. **Check the box below if applying as fiscal agent.**

The LEA or ESC submitting this application is the fiscal agent of a planned SSA. All participating agencies will enter into a written SSA agreement describing the fiscal agent and SSA member responsibilities. All participants understand that the "Shared Services Arrangement Attachment" must be completed and signed by all SSA members, and submitted to TEA before the NOGA is issued.

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 2020-2021 Summer Career and Technical Education Grant Program Guidelines.
- 4. The applicant provides assurance to adhere to all the Performance Measures, as noted in the 2020-2021 Summer Career and Technical Education Grant Program Guidelines, and shall provide to TEA, upon request, any performance data necessary to assess the success of the program.
- 5. The applicant provides assurance that curriculum will be appropriately aligned to regional labor market supported CTE programs of study.
- 6. The applicant assures that any Electronic Information Resources (EIR) produced as part of this agreement will comply with the State of Texas Accessibility requirements as specified in 1 TAC 206, 1 TAC Chapter 213, Federal Section 508 standards, and the WCAG 2.0 AA Accessibility Guidelines.
- 7. The applicant provides assurance to provide data to TEA on student completion of courses through a special collection process run by TEA.

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. **NOTE: If applying for both Focus Areas, applicant must CLEARLY distinguish between the two in your response.**

We are planning a Computer Science Summer Bridge Program targeted to incoming 9th grade students. Currently, females account for 29.4% of all students enrolled in computer science courses. By providing summer camps that are free to students, we aim to increase the interest in computer science for students from underrepresented populations at Plano ISD. Another major objective in providing this programming would be to increase awareness of female and underrepresented students to the opportunities for a career in a computer science-related industry. Of the over 2000 students enrolled in a computer science course, 56.6% have stated they would like to explore a career in computer science. With the proposed summer bridge program, we would look to increase the number of participants in computer science courses, as well as those in the careers in this field.

Qualifications and Experience for Key Personnel

Outline the required qualifications and experience for primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program. Include whether the position is existing or proposed.

Title and Responsibilities of Position	Required Qualifications and Experience
Teacher Facilitator - markets and organizes the two week long events, and supervises teacher and student facilitators while connecting with host sites.	District Administrator, supervisory experience, content knowledge and ability to write and adjust curriculum as needed. Computer Science content knowledge request. Proposed.
Teacher - supervises student facilitators, works with teacher facilitator to implement curriculum, and leads instruction.	Teaching experience, content knowledge and ability to write and adjust curriculum as needed. Computer science content knowledge required. Proposed.

Goals, Objectives, and Strategies

Describe the major goals/objectives of the proposed program. What activities/strategies will be implemented to meet those goals/objectives? **NOTE: If applying for both Focus Areas, applicant must CLEARLY distinguish between the two in your response.**

With the CS summer bridge program, skill proficiency is not necessarily the goal. It is more about exposure to new areas of learning and career opportunities for students that would not normally be targeted to participate in these fields. Through the classroom time and programming, the facilitator will challenge participants to implement things they learn through the Python skills training they receive in class.

Performance and Evaluation Measures

Describe the performance measures identified for this program which are related to student outcomes and are consistent with the purpose of the program. Include the tools used to measure performance, as well as the processes that will be used to ensure the effectiveness of project objectives and strategies. **NOTE: If applying for both Focus Areas, applicant must CLEARLY distinguish between the two in your response.**

We would like to see the following outcomes from this program. We will use pre- and post- surveys to determine success.

- Increased knowledge of technology
- Workforce readiness skills (e.g. teamwork, analytical skills)
- Increased confidence in technology skills
- Increased awareness of and interest in technology-related careers
- Increased likelihood/attainment of high school graduation and college enrollment
- Increased likelihood of post-secondary degree or certification in tech related fields

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. **NOTE: If applying for both Focus Areas, applicant must CLEARLY distinguish between the two in your response.**

The Computer Science Summer Bridge Program would be offered for its second year to students rising to 9th grade. Students moving into 9th grade in 2021-2022 will register to participate in this program. Since this program was funded through this grant last year, no funds have been allocated towards this program.

Grant funds will assist with:
Our plan is to hire one teacher facilitator, and up to six teachers for this program.
Supplies and materials such as CS related learning resources to enhance the learning opportunities of camp participants.

We will need to track participation and determine how we can best support this program as it grows over time. This may require the need for district funding, charging a registration fee, or seek industry funding, if future grant funding does not continue.

Program Requirements

1. **Focus Area 1:** Applicants must specify which program(s) of study and the CTE course(s) in the program(s) of study that will be offered (see <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/approved-cte-programs-study> for a list of the approved statewide programs of study). Include the number of students who be engaged and supported in this focus area.

Science, Technology, Engineering, and Mathematics Career Cluster
Cybersecurity Program of Study
Computer Science I or AP Computer Science Principles

Or

Science, Technology, Engineering, and Mathematics Career Cluster
Programming and Software Development Program of Study
Computer Science I or AP Computer Science Principles

2. **Focus Area 2:** Applicants must specify business and industry partners who will be involved in your program. Additionally, specify the work-based learning model(s) which will be utilized and the number of students who will be engaged and supported.

n/a

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