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# Program Purpose

The Coding and Mobile Grant App Development Grant program began in 2017. In the initial year, $400,000 in grants were awarded to 15 district and charter schools. The North Carolina General Assembly allocated $800,000 for the grant program for the 2024-2025 school year. The purpose of the program is to provide opportunities for North Carolina students to learn computer science, coding, and mobile app development to help them gain the skills needed to: (1) create and contribute, not just use and consume, in the digital economy; and (2) actively engage as informed citizens in our complex, technology-driven world.

Through public-private partnerships with Public School Units and charter schools, industry, and community leaders, this grant program is designed to help build local capacity and curricular programs through 1) professional development for teachers and administrators, 2) development of locally-relevant Computer Science, IT, and Technology curriculum that are part of K-12 Computer Science Standards for students, and 3) engagement of industry professionals to ensure a partnership that supports connections between local school curriculum, future career opportunities for students, and industry demand.

Programs are to be implemented July 1, 2024 to June 30, 2025, with all expenditures completed by June 30, 2025.

# Timeline

The table below outlines the important dates for the 24-25 grant cycle.

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| Activity | Date |
| Grant Application Released | July 5, 2024 |
| Informational Webinar | August 8, 2024 at 4:00 pm |
| Grant Application Deadline  | September 6, 2024 |
| Grant Recipients Selected (Pending Funds Available) | September 20, 2024 |
| Grant Acceptance or Rejection Notification | By October 1, 2024 |
| Grant Expenditures Completed | June 30, 2025 |
| Grant Program Recipient Reporting | August 1, 2025 |
| NC Department of Public Instruction Reporting to the Joint Legislative Education Oversight Committee and the Fiscal Research Division | September 15, 2025 |

# Permissible Uses of Program Funds

Program funds awards shall be used for the below listed purchases.

1. Support for partnership activities such as development meetings, workplace experiences, mentoring. etc., and include costs associated with travel and substitute teachers.
2. Professional development for teachers and administrators and related capacity building activities.
3. Stipends for teachers participating in professional development and/or creating curriculum resources to support the initiative.
4. Digital resources and equipment (Suggested maximum budget is 25% of the awarded grant)
5. Administrative costs (not to exceed 5% of the awarded grant)

## 2024-2025 Program Focuses

Grant applicants are requested to align proposed program activities to one or more of the program focuses:

* Artificial intelligence
* Coding and programming
* Computer science principles
* Data science

# Eligible Recipients

Eligible recipients are Public School Units and charter schools. Past recipients may reapply. NCDPI may consider partial grant awards to Public School Units and charter schools.

# Required Reporting

Grant recipients are required to submit a report by August 1, 2025, that includes the information listed below:

1. Overall impact of the program
2. The use of grant funds
3. The number of students by grade level participating in the partnership initiative, including but not limited to:
	1. Enrolled in computer science related courses before and after the initiative.
	2. Enrolled in courses that have added computer science related activities to the course.
	3. Attended computer science related after school activities before and after the initiative.
	4. Engaged in industry partner activities beyond schools before and after the initiative.
4. The number of teachers participating in the partnership initiative, including but not limited to:
	1. Taught computer science related courses.
	2. Added computer science related activities to their course.
	3. Hosted computer science related after school activities.
	4. Engaged in industry partner activities beyond schools.
5. The number of computer science courses or computer science related activities offered as a result of grant funding
6. Alignment of initiative activities with other middle or high school courses and programs.

# Program Criteria and Guidelines

Applications will be scored on a 100-point scale based on the below listed required information as narrative or figures to be submitted as part of the application.

| Requirement | **Points Possible**  |
| --- | --- |
| 1. **Cover Sheet** *(1 page)*
 | 2 |
| 1. **List of Aligned NC Computer Science Standards** *(0.5 pages)*
 | 5 |
| 1. **Description of the Curricular Program** *(1 page)*

A narrative description of the proposed program.* What are the expected outcomes for the proposed program?
* How will the proposed program support the NC Computer Science Standards?
* How will the proposed program build capacity for Computer Science, IT, and Technology teachers?
* How will the proposed program align with existing or future programs, including CTE, Career and College Pathways, and postsecondary programs?
* How will the proposed program help students create and contribute, not just use and consume, in the digital economy?
* What ways will the proposed program contribute to students being actively engaged as informed citizens in our complex, technology-driven world?
 | 25 |
| 1. **Description of the Planned Partnership** *(1 page)*

A narrative description of the planned partnership for the proposed program.* Describe the planned partner and their role in the proposed program.
* How will the proposed program create a public-private partnership between the PSU and charters, industry, and community leaders?
* How will the planned partnership increase student engagement in high-wage, high-skill, and in-demand Computer Science, IT, and Technology related careers?
* What evidence will demonstrate partnership involvement in the proposed program?
 | 15 |
| 1. **Description of the Impact of the Proposed Program** *(1–2 pages)*

A narrative description of the impact of the proposed program.* What is the anticipated student population size and characteristics impacted by the proposed program?
* How will the proposed program expose students to innovative and immediate career pathways in your local community?
* How will the program impact the local economic demand for Computer Science, IT, and Technology related careers?
* How will the proposed program impact nontraditional students?
* How will the proposed program contribute to a high-quality Computer Science, IT, and Technology Education Program?
* How will the proposed program increase work-based learning opportunities for students?
* How will the proposed program be evaluated, and what evidence will demonstrate successful implementation?
 | 20 |
| 1. **Description of the Proposed Program Beyond Grant Funding** *(1 page)*

A narrative description of how the proposed program and planned partnership will be maintained and expanded after the grant funding cycle. | 10 |
| 1. **Proposed Timeline and Budget** *(1–2 pages)*

A summary of all planned program activities, timeline for completion assigned partners responsible, funding category, and detailed budget. The maximum proposed budget is $80,000 per grant application, with a maximum of 25% for digital resources/ equipment and 5% for administrative costs. | 20 |
| 1. **Assurances**

Signed assurances by all required partners and stakeholders. | 3 |

# Required Application Materials

The application (cover sheet, narratives, action plan, proposed budget, and assurance page) is included in the document. The application should be saved in a PDF format using the file naming nomenclature of **24-25 CaMADG [Insert PSU Name].**

Completed applications must be submitted by 5:00 p.m. on deadline via email to CSITT@dpi.nc.gov.

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| Application Materials |
| [ ]  Cover Sheet |
| [ ]  Narratives | [ ]  List of Aligned [NC Computer Science Standards](https://www.dpi.nc.gov/nc-k-12-computer-science-standards/open)[ ]  Description of Curricular Program[ ]  Description of the Planned Partnership[ ]  Description of the Impact of the Proposed Program[ ]  Description of the Proposed Program Beyond Grant Funding |
| [ ]  Proposed Timeline and Budget |
| [ ]  Assurance Page (Signed by Partners) |

# Informational Webinar

An information webinar will be held on Wednesday, August 8, 2024, from 4:00–5:00 pm to review the grant process and answer questions for potential applicants. Please register at <https://ncgov.webex.com/weblink/register/r1cd81983953d57ccb9107987b8ce86d9>.

# Questions or Additional Information

Please review the [Coding and Mobile App Development Grant FAQs Document](https://docs.google.com/document/d/1Q5_-fgRjLdiiI8zvfW8qdQjpL2t2Eh6d/edit?usp=sharing&ouid=114677799031997222084&rtpof=true&sd=true) for important information. Submit any additional questions by email to CSITT@dpi.nc.gov.

# Cover Sheet

Complete the information below for the primary contact, Public School Unit or charter school, and grant partner.

## Primary Contact Information

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| --- | --- |
| Primary Contact Name | Click or tap here to enter text. |
| Primary Contact Title | Click or tap here to enter text. |
| Primary Contact Address | Click or tap here to enter text. |
| Primary Contact Phone Number | Click or tap here to enter text. |
| Primary Contact Email Address | Click or tap here to enter text. |

## Public School Unit of Charter School Information

|  |  |
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| Public School Unit Name | Click or tap here to enter text. |
| State Board Districts | Choose an item. |
| PSU CTE Director Name | Click or tap here to enter text. |
| PSU CTE Director Email Address | Click or tap here to enter text. |
| Charter School or PSU Superintendent Name | Click or tap here to enter text. |
| Charter School or PSU Superintendent Email Address | Click or tap here to enter text. |
| List of Participating Schools | Click or tap here to enter text. |

## Partner Information

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| Partner Name | Click or tap here to enter text. |
| Partner Title | Click or tap here to enter text. |
| Partner Organization Name | Click or tap here to enter text. |
| Partner Phone Number | Click or tap here to enter text. |
| Partner Email Address | Click or tap here to enter text. |

## 2024-2025 Program Focuses

Select the 2024-2025 Program Focuses that are aligned to the program activities in this application.

[ ]  Artificial intelligence

[ ]  Coding and programming

[ ]  Computer science principles

[ ]  Data science

# List the Aligned NC Computer Science Standards

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# Description of the Curricular Program

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# Description of the Planned Partnership

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# Description of the Impact of the Proposed Program

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# Description of the Proposed Program Beyond Grant Funding

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| Proposed Timeline and Budget Rationale |
| Chronological Timeline | Action and Rationale for Expenditure | Partner(s) Responsible | Fund Category | $$$ Amount Grant Fund Resource(s) Needed |
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| Total Expenditures | Click or tap here to enter text. |
| Digital Resources and Equipment Percentage (25% max) | Click or tap here to enter text. |
| Administration Percentage (5% max) | Click or tap here to enter text. |

# Assurance Page

The partners agree to the below listed activities.

* Provide administrative supervision and support to foster success of the program.
* Work cooperatively with North Carolina Department of Public Instruction and grant partners in monitoring and evaluating the program to meet reporting requirements.
* Provide personnel, time, and other resources to develop and implement curricular program.
* Ascertain that members of the partnership follow applicable federal and state laws to promote equal opportunity for all participants without regard to race, color, religion, gender, age, gender expression, disability, political affiliation, or national origin.
* Attest that all funds will be used to develop and implement curricula program described in the application and approved.
* Establish fiscal control and accounting procedures for proper disbursement of and accounting program funds.

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Primary Contact Signature Date

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PSU CTE Director Date

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Charter School Leader or Date

PSU Superintendent Signature

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Partner Signature Date

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