2025 NSTC Top Workforce Solutions Application (View Only)

Last Updated 6/26/2025

Section 1: Important

To complete your application, at least one feedback survey must be submitted to Natcast directly from a semiconductor industry employer by the application deadline on Monday, August 25 at 5pm ET.

The content of survey responses will never be made visible to applicants.

Employer Feedback Survey Tips:

- **Send survey requests now** to allow your employer contacts sufficient time to submit before the deadline on August 25.
- After you send a survey request, the employer contact will immediately receive an email with instructions to complete the survey.
- **Send ALL survey requests BEFORE you submit your application.** You will not be able to send additional survey requests after submitting your application.
- Surveys may be submitted by employers after you submit your application, as long as they are submitted before the August 25 deadline.
- **Submit your complete application before all your employer surveys are submitted**, as long as you have sent all requests.
- When the employer successfully submits the survey, you will automatically receive a notification email.
- After submitting your application, track the status of surveys and resend requests using this application portal.
- **Directly communicate with your employer contact** to ensure they submit the survey by the August 25 deadline.

Refer to the "Employer Feedback Survey" section of this application for complete instructions.

Section 2: Eligibility

Is the applicant organization a provider of training that results in a certification, degree, or other credential? *
○ Yes
○ No

Does the applicant organization have a U.S. presence? *
○ Yes
○ No

Although this program does not involve the distribution of federal funds to recognized programs, entities that are debarred, suspended or otherwise prohibited from receiving federal funds will not be eligible for recognition. Is the applicant organization debarred, suspended or otherwise prohibited from receiving federal funds? *

○ Yes

○ No

Section 3: Organization Information

Organization Legal Name *

_____

Organization Name (if different)

_____

Employer/Taxpayer Identification Number (EIN/TIN) *

_____

Organization Address *

Street:

_____

Line2:

_____

City:

_____

Country:

_____

State:

_____

Zip:

_____

Organization Website *

_____

Organization Type *
Select all that apply.

☐ Community college
☐ Federally funded research and development center (FFRDC)
☐ Foreign entity
☐ Foreign organization
☐ Military services training institution
☐ Organized labor or union organization
☐ Private college
☐ Private university
☐ Technical college
☐ Training provider
☐ U.S. accredited institution of higher education
☐ U.S. federal government entity
☐ U.S. for-profit organization
☐ U.S. Indian tribal government entity
☐ U.S. K-12 educational institution
☐ U.S. local or municipal government entity
☐ U.S. non-profit organization
☐ U.S. semiconductor design company
☐ U.S. semiconductor manufacturing company
☐ U.S. semiconductor research company
☐ U.S. state, local, territorial, or Indian tribal government entity
☐ U.S. technology consortium, trade association or industry association
☐ U.S. territory government entity
☐ Other

Specify other organization type(s) not listed above. *

Section 4: Point of Contact

The individual to contact regarding this application.

Prefix

○ Ms.

○ Miss

○ Mrs.

○ Mr.

○ Mx.

○ Rev.

○ Dr.

○ Prof.

○ Hon.

○ Not listed

First Name *

_____

Middle Name

_____

Last Name *

_____

Suffix

_____

Job Title *

_____

Department/Division Name

_____

Organization Name *

_____

Email Address *

_____

Phone *

_____

Section 5: Program Overview

Program Name *
Provide a brief, descriptive title of the program.

Program Summary *
Provide a brief overview of the program, including its objectives, target audience, and key activities.
Applicants should draft this summary in a manner that can be shared in public announcements, if selected.

Cohort Size
For the purposes of this application, a cohort is defined as the number of unique individuals who are trained or educated at the same time within the same program.

What is the typical cohort size? Provide a range and average as # of participants.

 # Participants Range from: *

 # Participants Range to: *

Average # of Participants: *

Geographic Areas Affected by the Program *
Describe where this program is implemented and/or which geographic areas are affected by the program (e.g., municipalities, counties, states, etc.).

Program Duration * (Word Count 250)
How long does it take for one cohort to complete the program? Specify the duration in years, months, weeks, days, or hours, depending on the program. Provide context if needed. Additionally, include the start and end dates for the most recent cohort as an example.

Target Workforce Segment *
Select all that apply.

☐ Technicians
☐ Engineers
☐ Researchers
☐ Administrative Roles
☐ Data Scientists
☐ Other

Please specify other target workforce segment(s) not listed above. *

Section 6: Program Details

Program Design and Practices * (Word Count 800)
a. Describe the program's purpose and design, including:
- *Skills acquired and credentials awarded,*
- *How these align with specific semiconductor career pathways,*
- *Availability of hands-on learning opportunities,*
- *Availability of work-based learning opportunities, and*
- *Availability of supportive services for learners.*

b. Lastly, describe the program's maturity and all key partners, including relevant aspects of each partnership.

Evidence-Based Strategies * (Word Count 250)
a. Describe the evidence-based strategies used to develop and implement the program. List each relevant practice and a brief description of the evidence base.

Program Outcomes * (Word Count 600)

a. Describe the makeup of a typical cohort. What types of learners are you serving (e.g. adult learners, first time in college students, etc.)?

b. Describe the program's outcomes and achievements to date, including (if applicable):

- *The average completion rate across all cohorts as well as the range of completion rates,*
- *The total number of participants who've completed the program to date, and*
- *Methods used to connect participants to long-term career paths.*

Employment Outcomes * (Word Count 600)

a. Across all cohorts to date, what percentage of program participants have been employed at a semiconductor company within 12 months of program completion?

b. How did you determine this number?

c. How do you collect this data (e.g. state longitudinal data system, dept. of labor, self-report, etc.)?

Labor Market Demand and Employer Involvement * (Word Count 800)

a. Describe the local or regional labor market demand for the semiconductor industry. What do the next 3-5 years look like? What data are you using to assess the local or regional labor market?

b. Describe the ways you are engaging employers in the program. How are you assessing industry needs and program relevancy? How often? What roles do employers play in this process?

c. Share examples of the semiconductor companies hiring your program completers.

Recruitment Practices * (Word Count 600)

a. Describe the program's recruitment practices. What methods are being used to recruit participants?

b. How are you measuring the success of these methods?

c. Which methods have been most successful in getting learners to sign up for and complete the program?

Capacity * (Word Count 600)
a. Describe the program's current capacity, including the maximum number of participants per cohort.
b. What capacity factors determine enrollment? Describe any limiting factors (e.g. lab space, classroom space, etc.).
c. How has capacity changed over time? How do you expect the capacity to change within the next two years?

Program Cost * (Word Count 250)
a. What does it cost the host institution, per head, to run this program? How is this determined?
b. How much does an individual pay to participate in the program?
c. What portion of students receive scholarships or other financial assistance to cover the costs of participation? What is the average amount of financial assistance?

Section 7: Employer Feedback Survey

To complete your application, at least one program feedback survey must be submitted to Natcast directly from a semiconductor industry employer. For the purposes of this section, a semiconductor industry employer is defined as a private sector company that is directly involved in the design, manufacturing, or production of microelectronics or equipment used to produce microelectronic components.

Use the fields below to email survey requests to your employer contact/s. After you send the request, the contact will automatically receive an email with instructions to complete the survey. When the employer successfully submits the survey, you will automatically receive a notification email.

We recommend sending survey requests immediately to allow your contacts sufficient time to submit before the deadline stated below. We recommend communicating with your employer contact/s to ensure they submit the survey by the deadline. Submitted applications without at least one complete survey will be removed from consideration.

The content of survey responses will never be made visible to applicants.

Employer feedback surveys must be submitted by the application deadline Monday, August 25 at 5pm ET.

Instructions:

1. Enter the full name of the employer you wish to send the survey.
2. Enter their email address.
3. Click "Send Request Now."
4. If your request was successfully sent, you will see (Not Received). It means that the employer has yet to submit their feedback, not that your email request itself was unsuccessful.
5. Officially submit your application. Employers may continue to submit surveys after you have submitted your application. However, you may not send additional survey requests after submitting the application, so be sure to send all survey requests now.
6. After the employer submits the survey, you will receive an email notification confirming their submission. You will be able to check the status of surveys in your application portal.

Employer Feedback Survey Request #1
Full Name:
Email:

Employer Feedback Survey Request #2
Full Name:
Email:

Employer Feedback Survey Request #3
Full Name:
Email:

Employer Feedback Survey Request #4
Full Name:
Email:

Employer Feedback Survey Request #5
Full Name:
Email:

Section 8: Required Supporting Documentation

Upload a copy of the program's syllabus and at least one sample recruitment document. The selection team will review these to better understand the program.

Accepted file types: pdf

Each file may not exceed 5 MB in size.

Syllabus *
Upload a single PDF containing the program's syllabus.
[File Upload]

Recruitment Materials *
Upload a single PDF containing recruitment materials.
[File Upload]

Section 9: Optional Supporting Documentation

Please upload any relevant supporting documentation, such as program reports, testimonials, or case studies. The selection team will review these to better understand the program. Multiple fields are available to allow for multiple file types.

Accepted file types: *avi, doc, docx, gif, jpeg, jpg, mp3, mp4, mpeg4, pdf, png, xls, xlsx*

Each file may not exceed 5 MB in size.

Supporting Documentation #1 (Optional)
[File Upload]

Supporting Documentation #2 (Optional)
[File Upload]

Supporting Documentation #3 (Optional)
[File Upload]

Section 10: Acknowledgement of Terms

Acknowledgment of Terms *
By signing this application, I represent and warrant that:

1. I have the authority to make this submission on behalf of the applicant organization.
2. The applicant organization has a U.S. presence.
3. The applicant organization is not a foreign entity of concern or foreign country of concern, as those terms are defined in 15 C.F.R. 231.104 and 231.102, respectively.
4. I understand that this application may be shared with Federal agencies, and that any parts of a proposal shared with Federal agencies may be subject to requests under The Freedom of Information Act (5 U.S.C. § 552).
5. The statements contained in my submissions are true, complete and accurate to the best of my knowledge.

I also provide the above assurances. I am aware that any false statements or misrepresentations may result in the rejection of the application or the termination of the applicant program's recognition.

☐ I Agree