

CAE Annual Report – CAE-CDE (4Y)

Every year, NSA/DHS Centers of Academic Excellence in Cyber Defense Education and Research must submit an annual report containing information regarding student enrollment, number of graduates, student placement, research funding, and a variety of other variables. Submitting this information is a requirement for re-designation.

The purpose of this online annual report tool is to provide a consistent format for reporting schools to provide data. ***A single form can be completed for multiple designations (i.e. institution holds both CAE-CDE & CAE-R designation). If the POC for the multiple designations are different, then separate forms can be completed for each designation.***

Here are the steps to take in completing the annual report:

1. Download appropriate pdf(s) below to see the information needed for the report (e.g. enrollment numbers, grant information, faculty information, etc.).
2. Collect all pertinent data for submission of the online report.
3. Submit data through this online report system.
4. Once you have completed the report, you will be given the option to download a completed pdf of submitted data. We strongly urge you to do so for reference for next year's annual report.

Please be aware that Webform Applications cannot be saved or stored if incomplete. Should you navigate away from the Webform Application, all progress will be lost. That is why we suggest that you collect all needed information for the Webform Application BEFORE you start. Then you can easily enter the needed information. Also, the application will eventually "time out" due to inactivity, so please set aside the time to enter the information all in one sitting.

Please submit your information no later than **January 15, 2018**. If you have any questions about the annual report tool and its use, please feel free to contact Dr. Barbara Sirotnik, Director of the Institute of Applied Research, at (909) 537-5729 or bsirotni@csusb.edu. If you have questions regarding the CAE Program or the annual report itself, please feel free to contact the CAE Program Office at AskCAEIAE@nsa.gov.

Select your institution:

Select state:

What is your name (just in case we need to contact you to clarify some responses)

What is your e-mail address (again, in case we need to contact you to clarify some responses)

What is your phone number?

What is your educational institution's designation?

- CAE-2Y
- CAE-CDE (4Y)
- CAE-R

In what department(s) is your curriculum program path housed? That is, what is/are the **primary** graduating discipline(s) for your program?

- Computer Science
- Criminal Justice
- National Security Studies
- Information Sciences
- IT/MIS
- Computer Engineering
- Other (please specify) _____

Curriculum Program Path Identification

Identify the name of the curriculum path that maps to the KUs and was approved for designation:

NICE Framework Crosswalk

Identify how the mapped curriculum path relates to the NICE Cybersecurity Workforce Framework (NCWF), NIST SP 800-181, category(s):

- Operate and Maintain
- Oversee and Govern
- Protect and Defend

- Investigate
 - Collect and Operate
 - Analyze
 - Securely Provision
-

Do you feel that the CAE Designation has been valuable to you?

- Yes
 - Somewhat
 - No
-

This next question will be displayed if "Yes" or "Somewhat" was selected

In what way(s) has the CAE designation been valuable to you? Please select all that apply.

- Recruiting students
 - External grant funding
 - Internal grant funding
 - Improving student placement
 - Scholarship opportunities
 - Other (please specify) _____
-

Please comment on the designation's "return on investment" (i.e. opportunities, successes, and/or achievements specifically resulting from your institution's designation as a CAE).

The next few questions deal with **current student enrollment**.

How many students are currently enrolled in your program? Please enter numbers for your cyber security pathway students ONLY (or enter 0 if you do not have any students in a program).

- _____ AA
- _____ BA
- _____ BS
- _____ MA

- _____ MS
- _____ MBA
- _____ PhD
- _____ Other (please specify)

Please feel free to comment on the growth of your program(s) over time.

Number of Graduates:

How many Cyber pathway students did you graduate from your program during the past academic year (through August)?

- _____ AA
- _____ Bachelor's Degree (BA or BS)
- _____ Graduate degree (MA, MS, MBA)
- _____ Students who transferred to another institution for Cyber

The following series of questions deal with **student placement** (identification of where students graduating from the program(s) reflective of the CAE designation have been placed after graduating **this past year**). First, do you collect data on where students are placed, or are you able to estimate where they are placed with some reasonable degree of accuracy?

- Yes, we collect data
- No, we don't collect data and we can't estimate
- No, we don't collect data, but we can estimate

Skip this next question if you don't collect data and can't estimate

How many of your students have been placed in each of the following categories?

- _____ NSA
- _____ Government
- _____ Industry
- _____ Academic positions
- _____ Advanced Degree Program
- _____ Other (please specify)

NOTE: Please make any comments you have relative to student placement (including comments about reasons why your institution may not have up-to-date/accurate data to report).

This question will be displayed if there were students in the advanced degree program:

What fields of study did those graduates pursue in their advanced degree programs?

- Computer Science
 - Computer Engineering
 - Business
 - Other (Please specify) _____
-

What "student development opportunities" are available to students in your program?

- Internships
 - Apprenticeships
 - Co-operative education experiences (e.g. technical directors, students, and faculty work together)
 - Other (please specify) _____
-

This question will be displayed if at least one of the student development opportunities above was selected.

How many students took advantage of these opportunities this past year?

- _____ Internships
 - _____ Apprenticeships
 - _____ Co-operative education experiences
 - _____ Other
-

Please make any comments you have regarding student development opportunities on your campus.

Curriculum Changes

Has your curriculum changed since your institution's last designation application or annual report (whichever is more recent)?

- Yes, curriculum has changed
- No, curriculum has not changed

If curriculum has not changed, skip to the faculty questions on the next page

Please identify any courses that have been removed from the original KU course mapping.

Please identify any NEW courses that have been added to the CAE Path or updates to existing courses in the CAE Path and to which the KUs are to be mapped. Provide a description for each.

Please upload a copy of the syllabus and/or course outline for the new or updated course(s). NOTE: if there are multiple courses, please combine all syllabi into a single pdf.

FACULTY QUESTIONS

The next series of questions deal with changes in faculty, research expertise, publications, research funding, etc.

Have there been faculty changes since your institution's last designation application or annual report (whichever is more recent)?

- Yes, faculty has changed
- No, faculty has not changed

If there have been no changes in faculty, skip to the questions on the next page regarding research output of current faculty

Please provide the names of faculty who **have departed** over the past year.

How many new CAE faculty **joined** your institution over the past year?

- 1
- 2
- 3
- 4
- 5
- NONE

If no new faculty members have joined in the past year, skip to the questions regarding research output of current faculty

You indicated that faculty members have joined your faculty in the past year. Please provide information on **each** new faculty member who joined your faculty over the past year. You will be provided separate boxes to input each person's name, cyber expertise, and a brief summary of his/her CV as it relates to cyber.

Please indicate the research expertise for **each** new faculty member named above. You will be provided with drop-down boxes for both the research core area and the research sub-core area. CD core areas include: : 1. Principles, 2. Security Mechanisms/Functionality, 3. Architectures, 4. Assurance, 5. Operations, 6. Analysis, and 7. Non-technical IA Issues; or CAE CD Focus Areas. Sub-core areas appear based on the core area selected. If the research expertise for the new faculty member was not listed above (or if he/she has multiple areas of expertise), you will be provided with box to describe the area.

Please provide information on **each** new faculty member's recent publications (*from the last two years*) relevant to their research core and sub-core areas. For each paper, please list: (1) the publication date, (2) the paper authors, (3) the paper titles, and (4) links to the papers.

You've answered questions about faculty personnel changes. Now please focus on the **research activities** of "current" faculty members (those who joined the faculty more than a year ago). Have any of those "current" faculty members published papers in the past year?

Yes

No

If there are no papers to list, skip to question about Grant/Research funding

Please provide information about the papers published by "current" faculty over the past year. For each current faculty member (and each paper), please list: (1) the person's name, (2) the paper's publication date, (3) the paper's author(s), (4) the paper's title, and (5) links to the papers.

GRANT/RESEARCH FUNDING

Next, we'd like to know about your grant/research funding related to the cyber program. How many different sources of funding do you have?

- 1
- 2
- 3
- 4
- 5
- NONE

If you have no grant/research funding to report, please skip to the question about contributions to the CAE community (page 9 of this pdf)

Please enter the information for **each** source of grant/research funding.

What is the starting date of the funding? Please enter as mm/dd/yyyy.

What is the ending date? Please enter as mm/dd/yyyy.

What is the dollar amount of the funding? Please enter a number ONLY, with no "\$" or commas. _____

Source of the research funding:

- NSA
- NSF
- DARPA
- IARPA
- NIST
- DHS
- DoL
- Private industry
- None
- Other (please specify) _____

Please provide a brief description of the research funding, as well as a link to an announcement or other evidence of funding.

CONTRIBUTIONS TO THE CAE COMMUNITY

In the past year, what contributions to the CAE Community have been made by your institution?

- Attendance at CAE Community meetings
- Participation in CAE working groups
- CAE research collaborations
- Assistance to other institutions seeking CAE designation (e.g. reviewers, advisors, mentors)
- Tech Talk/CAE Forum speaker
- CAE Regional Resource Center (CRRC) or CAE National Resource Center (CNRC) contributor
- Other (please specify) _____

Please elaborate on your institution's contributions to the CAE Community, including a statement of impact.

Finally, please take this opportunity to share any additional information regarding your program, students, etc. over the past year.

Thank you for your help. We really appreciate it. We highly recommend that you save a copy of your responses for reference for next year's annual report by downloading the pdf from the next page.