



NORTH CENTRAL CAE REGIONAL RESOURCE CENTER
at CSSIA

CENTER FOR ACADEMIC EXCELLENCE (CAE)

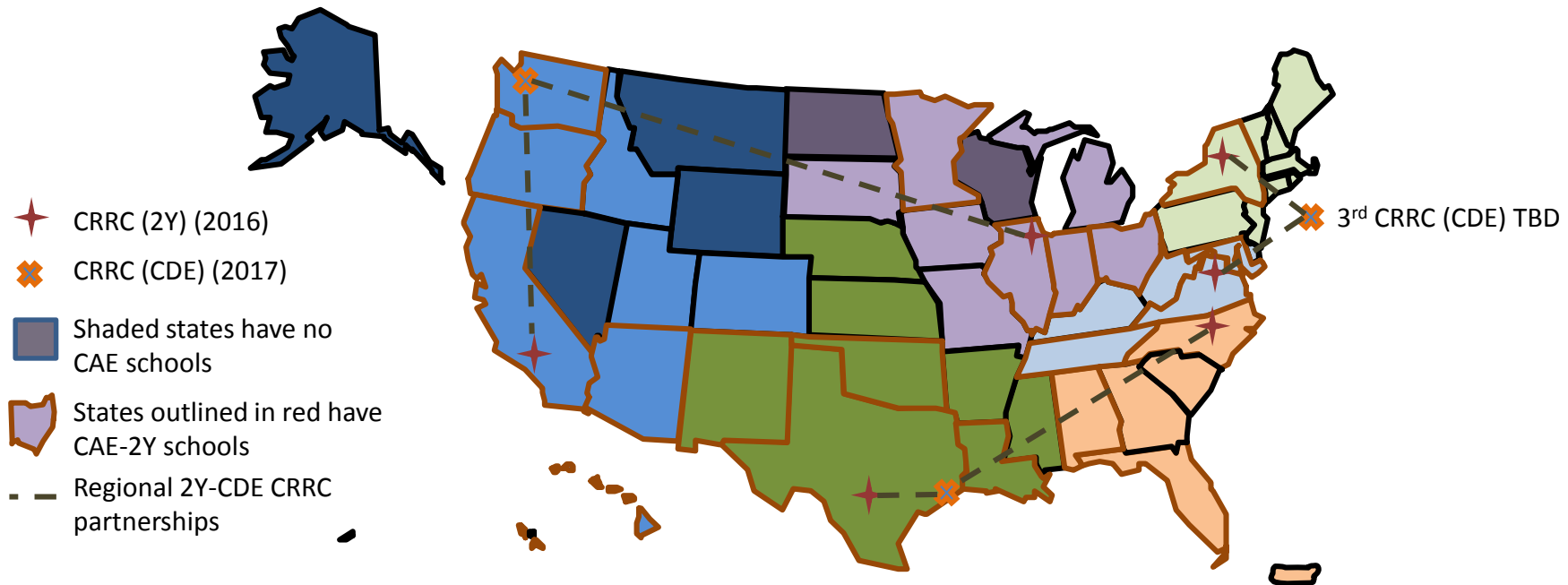
- The Department of Homeland Security (DHS) and the National Security Agency (NSA) jointly sponsor the National Centers of Academic Excellence (CAE) program.
- This designation is awarded to robust programs in 2 and 4-year colleges and universities that meet rigorous curriculum requirements and other criteria.
- This criteria enables these institutions to stand out as Centers of Excellence in Cybersecurity education.
- This designation is a way for students, businesses and community organizations to identify elite institutions teaching cybersecurity.

CAE DESIGNATIONS

- NSA/DHS National Centers of Academic Excellence in Cyber Defense (CAE-CD)
- NSA/DHS National Centers of Academic Excellence in Cyber Defense Education (CAE-CDE)
- NSA/DHS National Centers of Academic Excellence in Cyber Defense Two-Year Education (CAE-2Y)
- NSA/DHS National Centers of Academic Excellence in Cyber Defense Research (CAE-R)
- National Centers of Academic Excellence in Cyber Operations (CAE-CO)

Announcing 14 New CAE - Cyber Defense Resource Centers

- The CAE-Cyber Defense (CAE-CD) Program Office is pleased to announce the newly designated CAE-CD Resource Centers, a network of participating CAE-CD institutions that will provide resources and guidance to applicant institutions. Three categories of resource centers are positioned to assist at a regional and national level – Hub, Consultation and National.



<u>Western Region</u>	<u>South Central Region</u>	<u>North Central Region</u>	<u>S. Eastern Region</u>	<u>Central Eastern Region</u>	<u>New England Region</u>
California (9)	New Mexico (3)	Ohio (4)	N. Carolina (6)	Virginia (10)	Maine (1)
Oregon (2)	Texas (14)	Michigan (5)	S. Carolina (2)	W. Virginia (2)	Vermont (2)
Washington (4)	Oklahoma (6)	Indiana (4)	Georgia (6)	Kentucky (2)	N. Hampshire (1)
Idaho (2)	Arkansas (2)	Illinois (8)	Florida (14)	Delaware (2)	Massachusetts (4)
Nevada (0)	Louisiana (3)	Wisconsin (0)	Alabama (9)	Maryland/DC (19)	Rhode Island (1)
Arizona (4)	Mississippi (1)	Minnesota (5)	Puerto Rico (1)	Tennessee (5)	Connecticut (1)
Utah (1)	Kansas (3)	Iowa (1)	Total: 38	Total: 40	New York (11)
Colorado (7)	Nebraska (2)	Missouri (2)			New Jersey (6)
Wyoming (0)	Total: 34	S. Dakota (1)			Pennsylvania (8)
Montana (0)		North Dakota (0)			Total: 35
Hawaii (3)		Total: 30			
Alaska (0)					
Total: 32					

CAE REGIONAL RESOURCE CENTER (CRRC)

- Moraine Valley Community College has been designated by the National Security Agency (NSA) as a CAE Regional Resource Center.
- This distinction has been awarded to six community colleges across the country whose cybersecurity programs have already been designated as a Center of Academic Excellence (CAE) by the NSA.
- MVCC's center will cover the north central region, which includes Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri, S. Dakota, and N. Dakota.

Hub CAE Regional Resource Centers

The Hub CAE Regional Resource Centers (CRRCs) will act as a hub for institutions within the CAE-CD Candidates Program in a particular geographic region. They will host a variety of program and faculty professional development workshops, seminars and courses for designated and candidate institutions. Hub CRRCs include:

- Central Eastern Region - Forsyth Technical Community College
- New England Region - Mohawk Valley Community College
- North Central Region - Moraine Valley Community College
- South Central Region - San Antonio College
- South Eastern Region - University of West Florida
- Western Region - Coastline Community College

Consultation CRRCs

Hub CRRCs will also collaborate with Consultation CRRCs to ensure any unique higher education requirements for university degree programs and applicants are addressed. *Consultation CRRCs include:*

- Dakota State University
- Northeastern University
- University of Houston
- University of Washington

CAE National Resource Centers

The CAE National Resource Centers (CNRCs) will provide specialty assistance and leadership to the CAE-CD Candidate Program and CAE Community in the areas of peer reviewing, program development and mentoring. CRNCs include:

- California State University, San Bernardino - CAE Community
- Northern Virginia Community College - Peer Review
- Prince George's Community College - Program Development
- Whatcom Community College - Mentoring

CRRC Purpose

- The goal of the North Central CRRC is to reduce vulnerability in our national information infrastructure by promoting higher education, academic excellence and research in Information Assurance/Cyber Defense (IA/CD).
- The growth and improvement of academic institutions operating IA/CD programs will result in the ability to produce experts to meet the critical need for IA/CD professionals.

OUR GOALS

- Continue to build an academic community committed to excellence in the field of Information Assurance and Cyber Defense education.
- Pursue initiatives to research and emphasize advancing faculty IA/CD scholarship, professional development and instructional capabilities.
- Lead a national initiative to collect, analyze and disseminate information regarding CAE program articulation and transfer agreements.

FOR STUDENTS

- The CAE designation enables students to identify schools that meet the rigorous curriculum requirements established by the NSA and business partners from across the nation.
- By attending a CAE institution, students have the opportunity to learn by doing and to contribute their efforts to the protection of our nation.
- A degree from a CAE school gives potential employers confidence in hiring a graduate.
- Students can feel confident that their academic program will prepare them to enter this important and lucrative field.

FOR ACADEMIC INSTITUTIONS

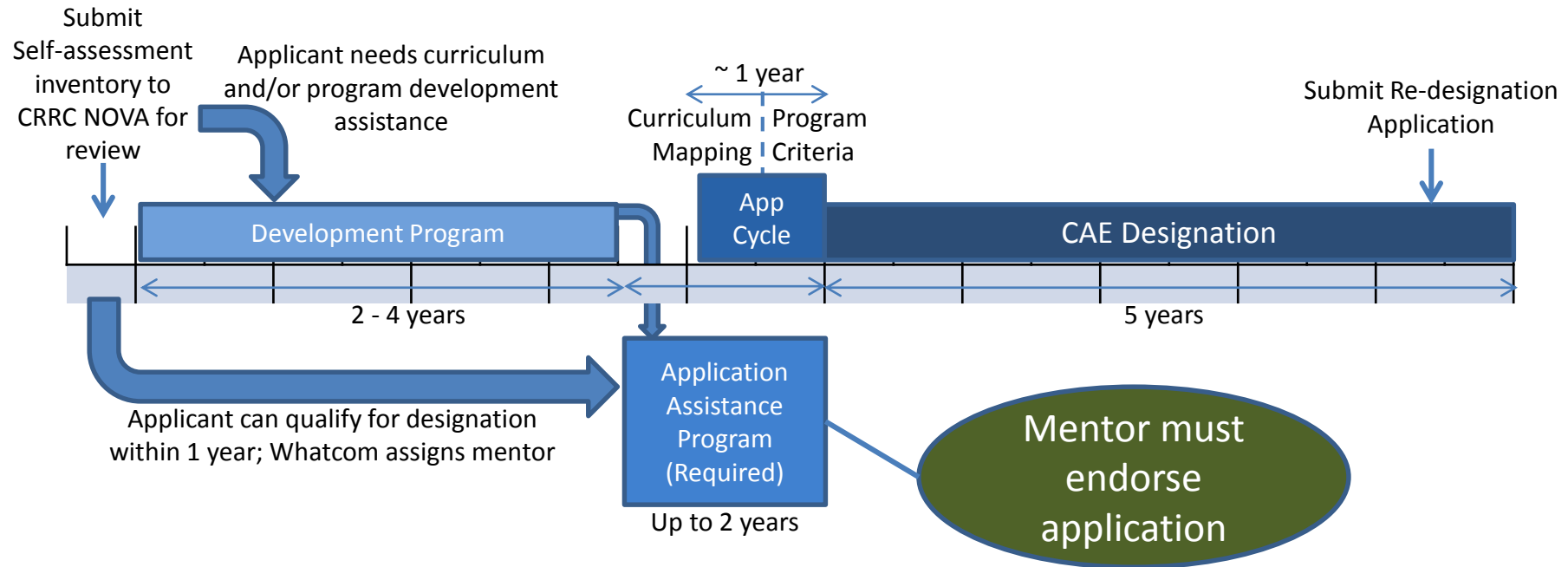
- Colleges and universities designated as a CAE receive formal recognition from the United States Government.
- In addition to the designation, the NSA/DHS program also recognizes specialized cyber defense focus areas. These focus areas identify schools that not only meet the core criteria but also offer programs that prepare students for specialized professions in the cybersecurity industry.
- All regionally accredited two-year, four-year, and graduate-level institutions in the United States can apply for designation as a NSA/DHS CAE.
- CAE designation is valid for five academic years, after which the school must successfully reapply to retain its CAE designation.

Application Review Annual Timeline

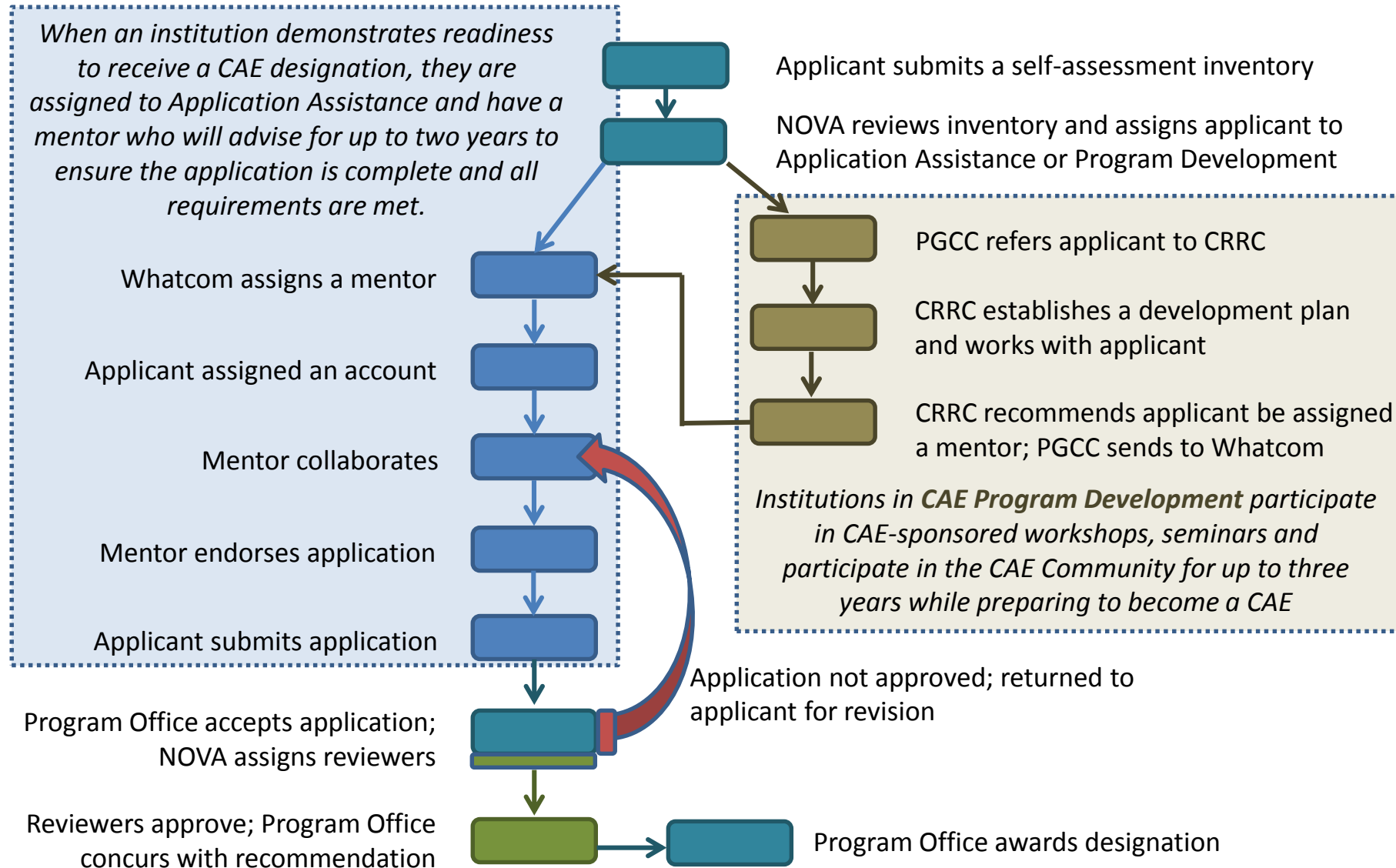
	2017-1	2017-2
Application received	1 Sep - 15 Jan	15 Jan – 1 Jun
Application assigned to reviewers (2 weeks)	15 Oct - 1 Feb	1 Feb – 15 Jun
Reviewer clarification request NLT date	15 Nov – 1 Mar	1 Mar – 15 Jul
Clarification provided	22 Nov – 8 Mar	8 Mar – 22 Jul
Reviewer decision (6 weeks from assignment)	1 Dec - 15 Apr	15 Mar – 29 Jul
Program Office notified	8 Dec – 22 Apr	22 Mar– 5 Aug
Applicants notified (Min 6 wks prior to ceremony)	15 Dec – 29 Apr	29 Mar – 12 Aug
Certificate award ceremony	Early June	Early November

- The CAE-C application tool will be open continuously from 1 Sep to 1 Jun.
- Reviews will be continuous from the time the application tool opens until the final submission date.
- The Program Office has 2 weeks from application receipt or the submission deadline to assign applications to reviewers. Reviewers have 4 weeks to conduct initial review and ask for clarifications.
- Applicant has 1 week to provide requested information for clarification.
- If both reviewers agree, they will provide a report to the Program Office, and the applicant will be notified of the decision. If reviewers don't agree, the application will be referred to a third reviewer. Review workshops will be held as necessary.
- Designation certificates will be awarded twice a year, at the NICE Conference in November and at an event in June; designations will be for five years based on academic year June to June.
- Timeline assumes an applicant successfully passes each gate in the timeline; should an applicant fail to respond to a request for clarification by the NLT date the application will be pushed to the next gate.
- Applicants may only submit one application during any cycle.

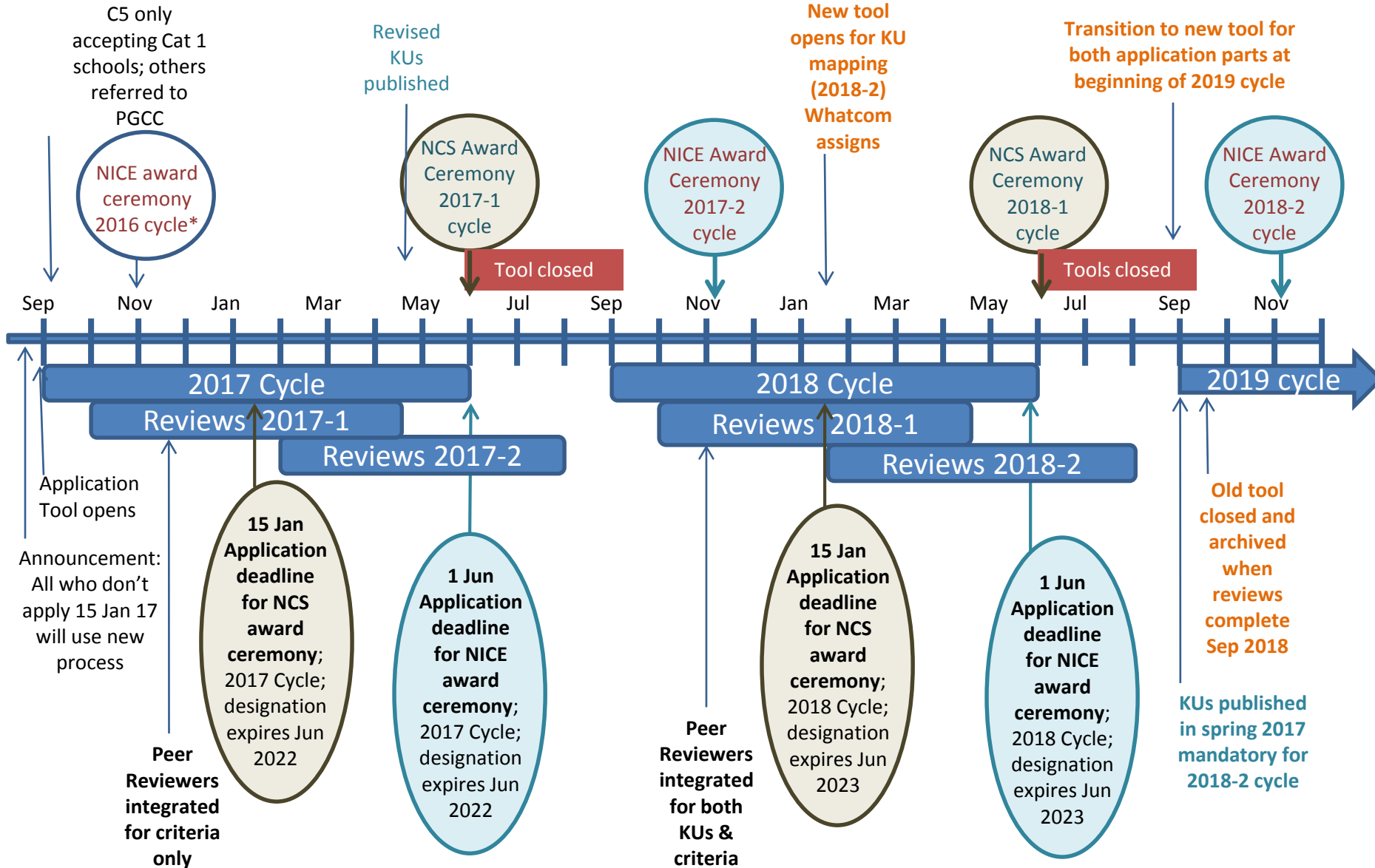
Application Process



Application Process from Inquiry to Designation

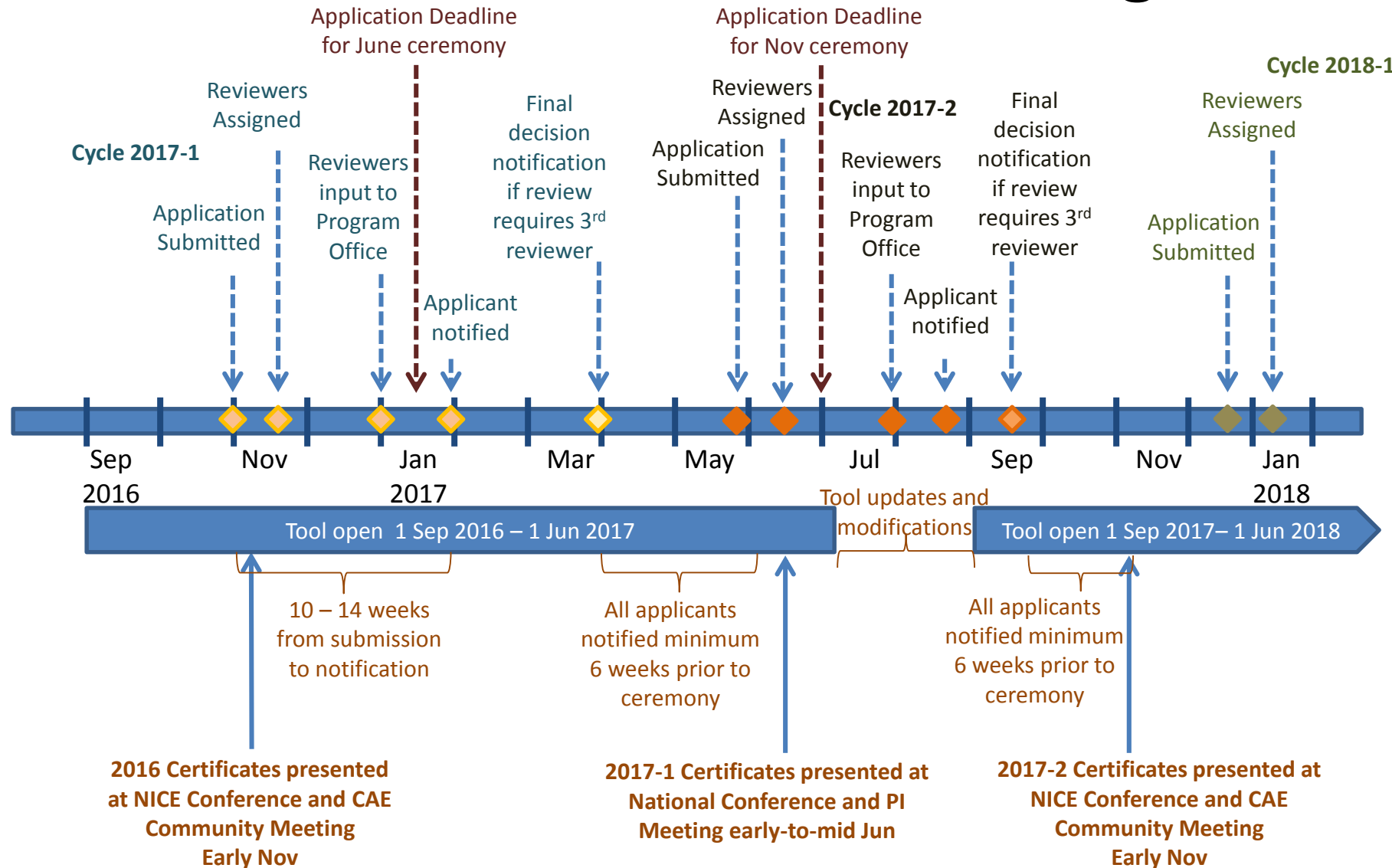


NEW CAE-CD Application Process, Implement 1 October 2016



*NOVA begins new school inventory review process and assignment of applicants as of 7 November 2016; announcement at CAE Community meeting

Application Process from Submission to Designation



KU & Program Criteria Refinement Target Dates

