

# The Hampton Roads Cybersecurity Education, Workforce, and Economic Development Alliance

HRCyber Steering Committee Meeting

November 21, 2016, 12:00-2:00

ODU Virginia Beach, Room 221



# Meeting Agenda

TIME	ITEM	PRESENTER
12:00-12:15	WELCOME AND LUNCH	BRIAN PAYNE
12:15-2:00	HRCYBER UPDATES	BRIAN PAYNE
	NICE Conference Updates	Brian Payne
	- Cyberseek.org	John Costanzo
	- NICE Workforce Framework	John Costanzo
	VSGC Activities	Mary Sandy
	Cybersecurity Workforce Survey	Tancy Vandecar-Burdin
	Articulation Agreements	Liz Smith
	Service Learning	Emily Eddins
	Open discussion	Brian Payne
	Schedule next Meeting	

# The Hampton Roads Cybersecurity Education, Workforce, and Economic Development Alliance

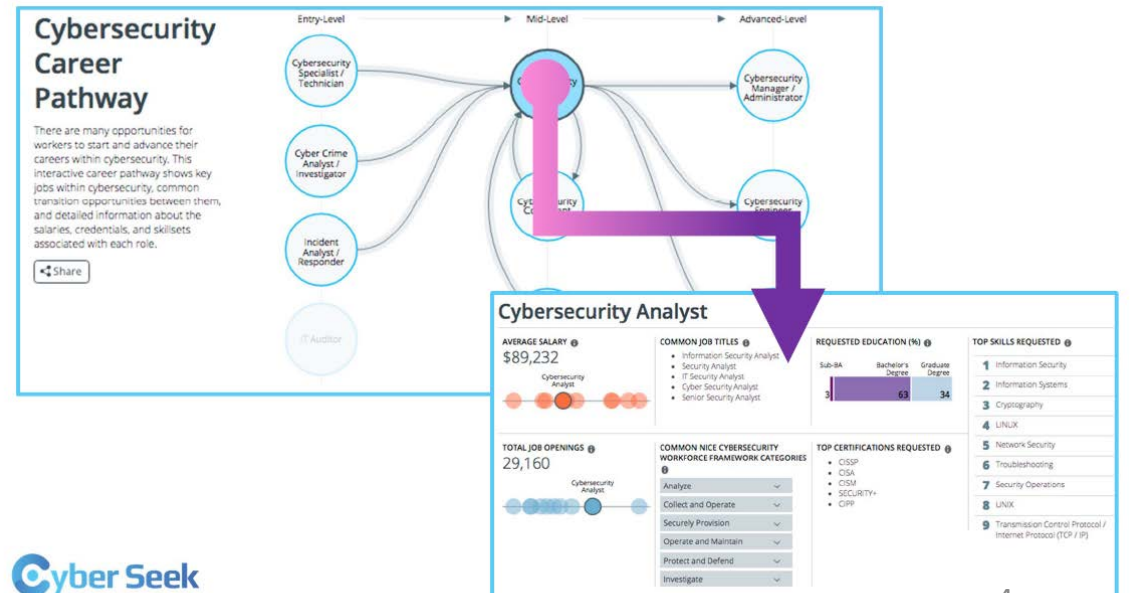
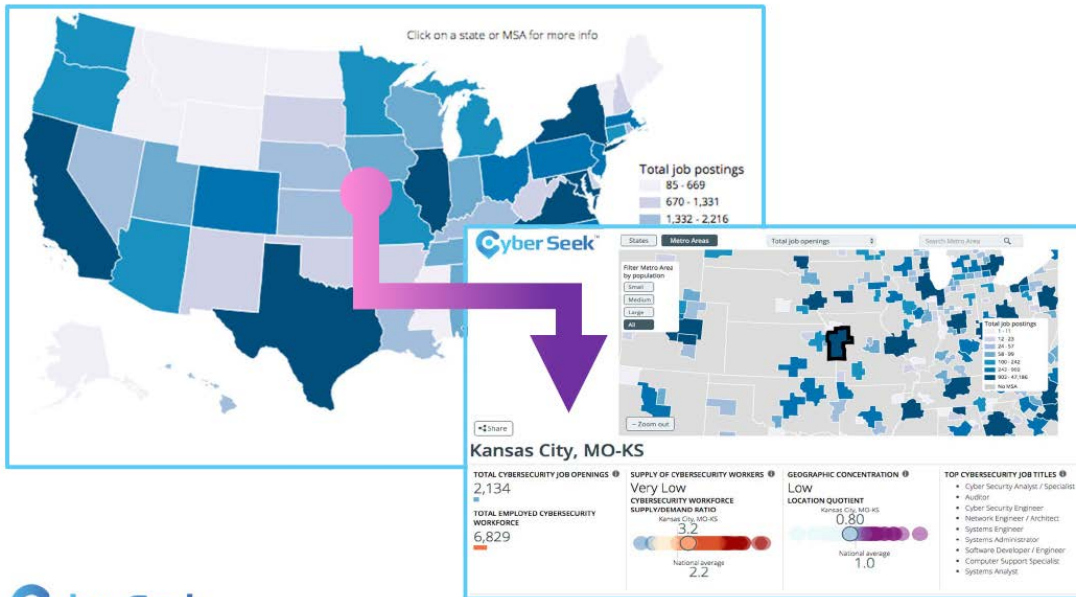
The banner features a background of autumn trees with yellow and orange leaves. The word "NICE" is written in large, bold, blue capital letters. Below it, "NATIONAL INITIATIVE FOR" is in smaller brown capital letters, and "CYBERSECURITY EDUCATION" is in bold blue capital letters. A dark blue horizontal bar at the bottom contains the text "Conference & Expo" in white, followed by "November 1 – 2, 2016 || The Westin Kansas City Crown Center || Kansas City, MO" in a smaller white font.

**NICE**  
NATIONAL INITIATIVE FOR  
**CYBERSECURITY** EDUCATION

**Conference & Expo**  
November 1 – 2, 2016 || The Westin Kansas City Crown Center || Kansas City, MO

<https://www.fbcinc.com/e/nice/default.aspx>

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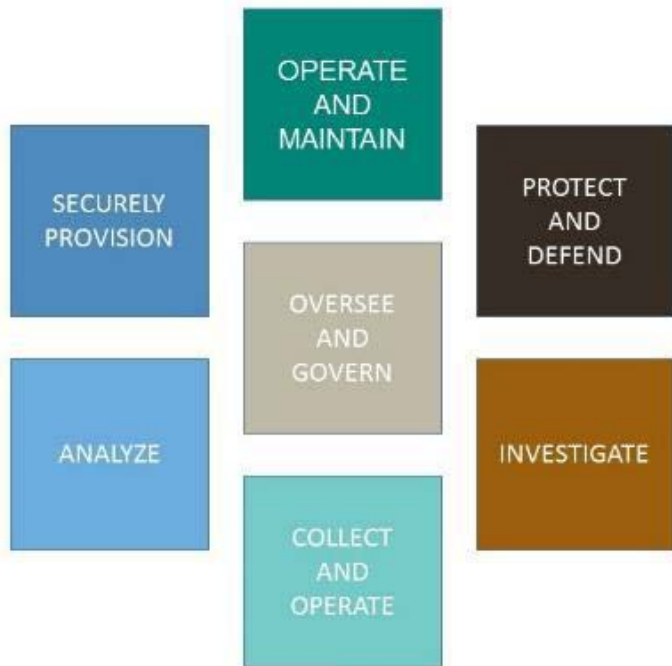
# The Hampton Roads Cybersecurity Education, Workforce, and Economic Development Alliance


Draft NIST Special Publication 800-181

## NICE Cybersecurity Workforce Framework (NCWF)

National Initiative for Cybersecurity Education (NICE)

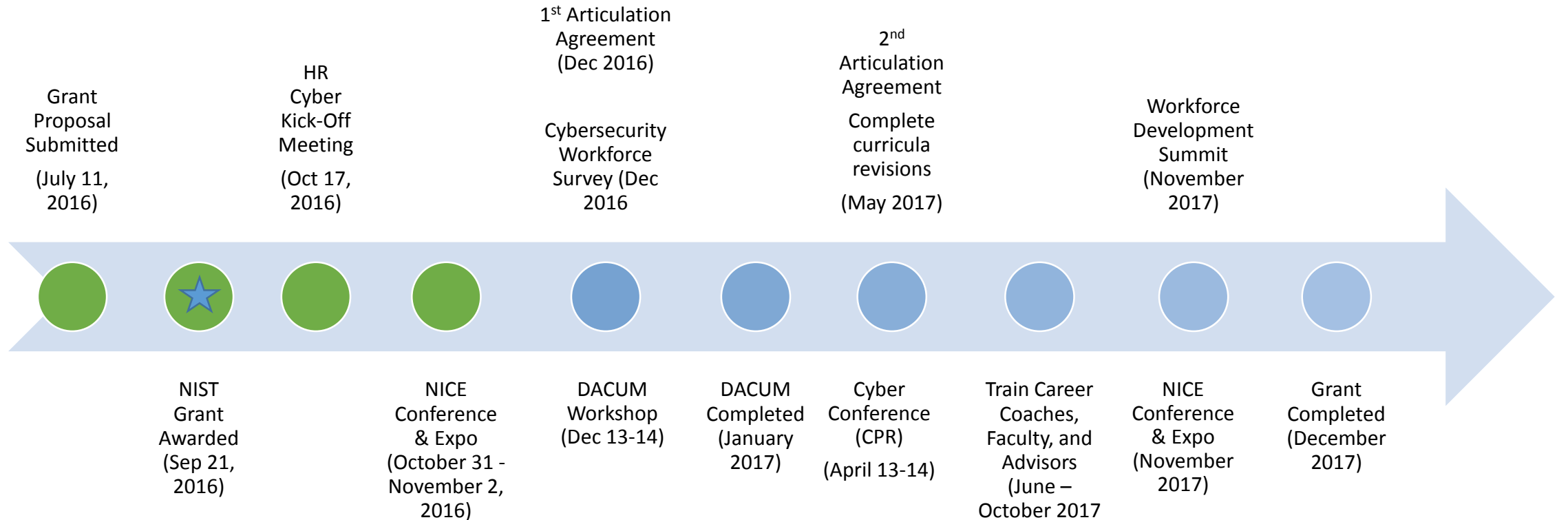
<http://csrc.nist.gov/publications/PubsDrafts.html>



 <b>Cyber Workforce Skill Categories</b> <i>Preliminary Alignment of DCWF (NCWF) Work Roles</i>	
<p><b>Cyber IT</b></p> <ul style="list-style-type: none"> <li>Data Analyst</li> <li>Database Administrator</li> <li>Enterprise Architect</li> <li>Knowledge Manager</li> <li>Network Ops Specialist</li> <li>Requirements Planner</li> <li>R&amp;D Specialist</li> <li>Software Developer</li> <li>System Administration</li> <li>Systems Developer</li> <li>Tech Support Specialist</li> <li>T&amp;E Specialist</li> </ul> <p>12</p>	<p><b>Cybersecurity</b></p> <ul style="list-style-type: none"> <li>Authorizing Official</li> <li>COMSEC Manager</li> <li>Cyber Defense Analyst</li> <li>Cyber Def Forensics Analyst</li> <li>Cyber Def. Incident Responder</li> <li>Cyber Defense Infra Spt Spec.</li> <li>Exploitation Analyst</li> <li>Info Sys Sec Developer</li> <li>Info Sys Sec Mgr</li> <li>Secure SW Assessor</li> <li>Security Architect</li> <li>Security Control Assessor</li> <li>Systems Security Analyst</li> <li>Vulnerability Analyst</li> <li>Warning Analyst</li> </ul> <p>15</p>
<p><b>Cyber Effects</b></p> <ul style="list-style-type: none"> <li>Cyber Operator</li> <li>Cyber Ops Planner</li> <li>Partner Integration Planner</li> <li>Mission Assessment Specialist</li> <li>Target Digital Net. Analyst</li> <li>Target Developer</li> </ul> <p>6</p>	<p><b>Intel</b></p> <ul style="list-style-type: none"> <li>All Source Analyst</li> <li>All Source Collection Mgr</li> <li>All Source Collection Reqs Mgr</li> <li>Cyber Intelligence Planner</li> <li>Multi Disc Language Analyst</li> </ul> <p>5</p>
<p><b>Acquisition:</b> IT Invest/Portfolio Manager, IT Project Manager, Program Manager, Product Support Manager, IT Program Auditor 5</p>	
<p><b>Training &amp; Education:</b> Cyber Instructor, Cyber Instr./Curriculum Dev., Cyber WF Developer &amp; Manager 3</p>	
<p><b>Legal/Law Enforcement:</b> Legal Advisor, Cyber Crime Investigator, Forensics Analyst 3</p>	
<p><b>Leadership:</b> Cyber Policy/Strat Planner, Executive Cyber Leadership 2</p>	

7 Categories, 30+ Specialty Areas, 50+ Work Roles  
 Baselines Knowledge, Skills, and Abilities & Tasks  
 Reference Resource for cybersecurity workforce development

# Project Timeline and Milestones



# Project Status Report

## Completed Activities

Activity	Date Completed
Conduct Focus Groups	10/7/2016
Schedule and conduct kick-off meeting	10/17/2016
Develop Website	10/17/2016
Attend NICE Conference and present information on HRCyber	11/2/2016
NIST Report – Purpose, scope, deliverables, key personnel, etc.	11/2/2016

## Planned Activities – next 60 days

Activity	Date Due (NLT)
Survey cybersecurity employers	12/9/2016
DACUM Workshop	12/13/2016
Create articulation agreement	12/31/2016
Create cybersecurity career videos	12/31/2016
NIST Quarterly Status Report/Teleconference	12/31/2016
DACUM Completed	1/31/2017

# Virginia Space Grant Consortium Activities



- DACUM Workshop– December 13-14, 2016
- Cybersecurity Workforce Videos
- Counselors Workshop
- Cyber Saturdays
- Internships



# Cybersecurity Workforce Survey - Update

*Strongly agree*

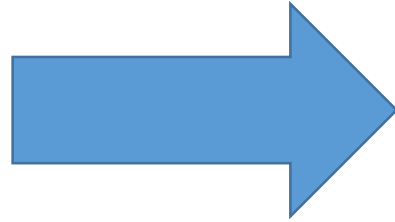
*Agree*

*Disagree*

*Strongly disagree*

[Survey Link](#)

# TCC Articulation Agreement - Update



# Service Learning

**Service learning** is a teaching and **learning** strategy that integrates meaningful community **service** with instruction and reflection to enrich the **learning** experience, teach civic responsibility, and strengthen communities.



## Open Discussion and additional topics

- Virginia Cyber Education & Opportunity Summit, April 13-14, 2017.  
Hosted by Cyber Protection Resources (CPR) and co-sponsored by ODU  
Strome College of Business
- GO Virginia grant opportunities

