

Creating Cybersecurity Pathways Between Community Colleges and Universities (DGE -1914613)



Goals and Objectives

- Define an interdisciplinary body of knowledge that establishes pathways between community colleges and universities
- Evaluate the effects of interdisciplinary and inter-institutional cybersecurity programming on student learning by analyzing students' electronic portfolios
- Examine whether interdisciplinary and inter-institutional programming encourages diversity
- Identify strategies to effectively use peer mentors for transfer students
- Identify strategies to strengthen cybersecurity pathways between educational institutions guided by NSA designations at the associate's and bachelor's level
- Evaluate the impact of cybersecurity competitions in an inter-institutional environment
- Identify strategies to enhance partnerships between cybersecurity community college and four-year programs
- Disseminate the project results to assist other institutions to implement similar programs and courses.

- Timeframe: 8/1/19 to 7/31/2022
- Institutions: Old Dominion University, Tidewater Community College, Thomas Nelson Community College, Northern Virginia Community College
- Progress: Surveys created; peer mentoring training initiated; ePortfolio student assistant integrated into courses; pathways reviewed and updated
- PI/Co-PI: Brian K. Payne, PhD and Hongyi Wu, PhD



Transfer team reviewing cybersecurity pathways.