



**NITIC**

National Information Technology  
Innovation Center

Working  
together  
to prepare the  
IT professionals of tomorrow



# *Unlocking NITIC Tools for IT Program Innovation*

Innovation Demo  
NSF ATE PI Conference  
October 23-25, 2024



# Introductions



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# Agenda

- NITIC Introduction
- Navigating the NITIC Website
- NITIC ITIN Membership
- Professional Development and the Community of Practice
- Business and Industry Leadership Teams (BILT)
- The Innovation Clearinghouse
- Maximizing Your NITIC Experience
- Closing and Q&A

# Audience Poll

- Have you heard of National IT Innovation Center (NITIC)?
- Have you visited <https://www.nitic.org>?
- Is your college a member of NITIC's IT Innovation Network (ITIN)?
- Was your college a member of the Convergence Technology Center's (CTC) network?
- Have you attended a Working Connections professional develop workshop?
- Are you familiar with the BILT model?
- Do you have a NITIC website login?
- Have you attended an ITIN Community of Practice webinar event?



# National IT Innovation Center

- The National Science Foundation's (NSF) Advanced Technological Education (ATE) program supports centers across the U.S. to define and disseminate the critical knowledge and skills required for technician education in advanced technology industries.
- NITIC is led by **Columbus State Community College** and our core partners:
  - Collin College
  - Lone Star College
  - Maricopa Community College District
  - Sinclair Community College



# National IT Innovation Center

**“Working together to prepare the IT professionals of tomorrow”**

NITIC is a collaborative community of educators, industry leaders, government agencies, and other IT stakeholders that are working together to **prepare tomorrow’s workforce for jobs in emerging technologies**. By leveraging a network of community colleges and providing access to industry-driven competencies, innovative methodologies, technical resources, and professional development opportunities, **NITIC will lead the advancement of qualified technical programs** that cultivate a skilled, inclusive, and forward-thinking IT workforce, ready to thrive and lead in the dynamic technology landscape ahead.

NITIC will create valuable products and deliverables that will advance knowledge in IT education, including the following:



### **IT Innovation Network**

Join the IT Innovation Network (ITIN) and be part of our Community of Practice for faculty sharing, learning, and problem-solving.



### **Innovation Clearinghouse**

Access or share new IT curriculum assets and resources in the Innovation Clearinghouse.



### **Professional Development**

Take advantage of Professional Development opportunities, including Working Connections Virtual and In-Person Workshops.



### **Business Industry Leadership Teams**

Stay up to date on industry needs and employer engagement through Business Industry Leadership Teams (BILT).

# Trending in IT

Generative AI

Machine Learning  
Security

Ethics in AI & Cyber

Mirco services and  
Containerization

IT/Operational Tech

Integrated Sensing  
and  
Communications  
(ISAC)

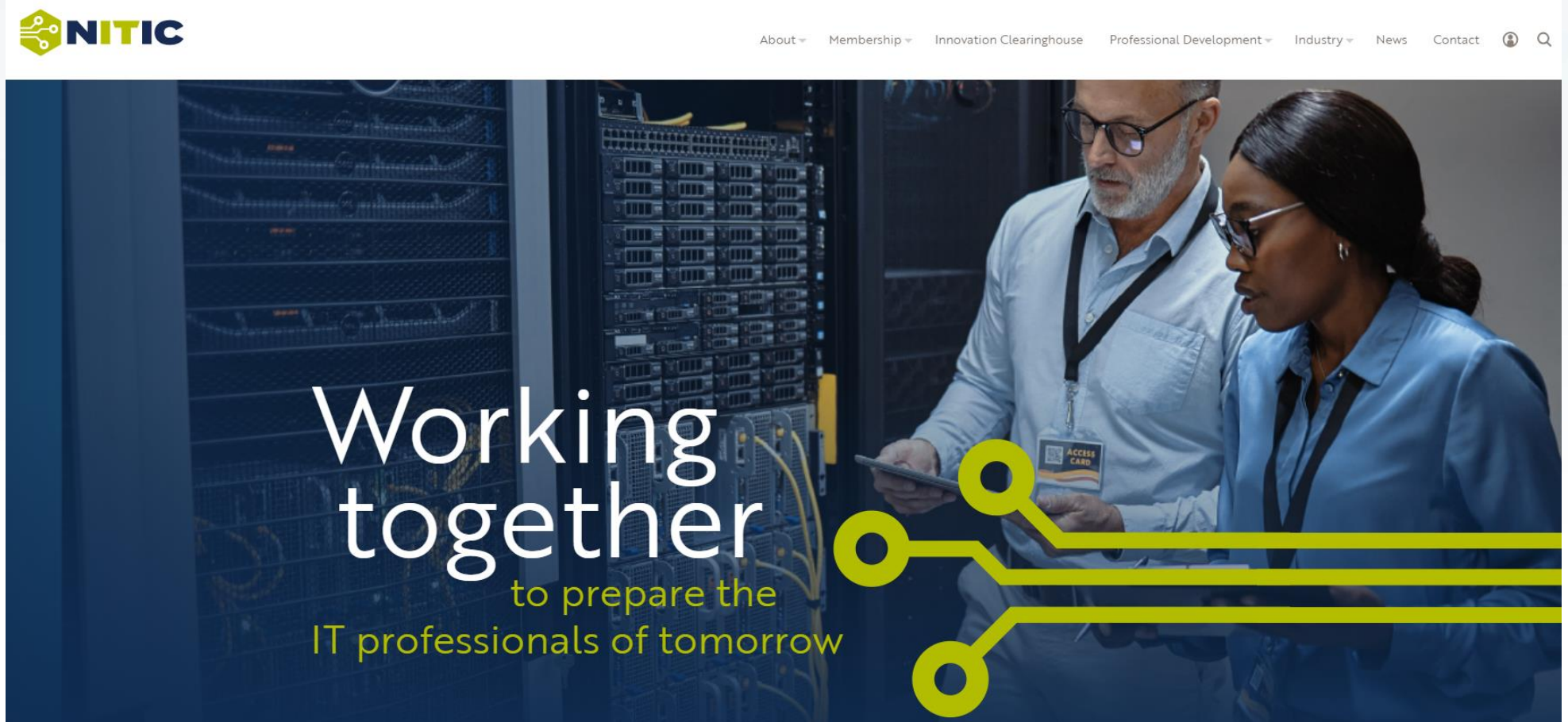
Data Analytics &  
Visualization

Professional Skills

Student  
Recruitment &  
Retention

Industry  
Partnerships

**Website** <http://www.nitic.org>



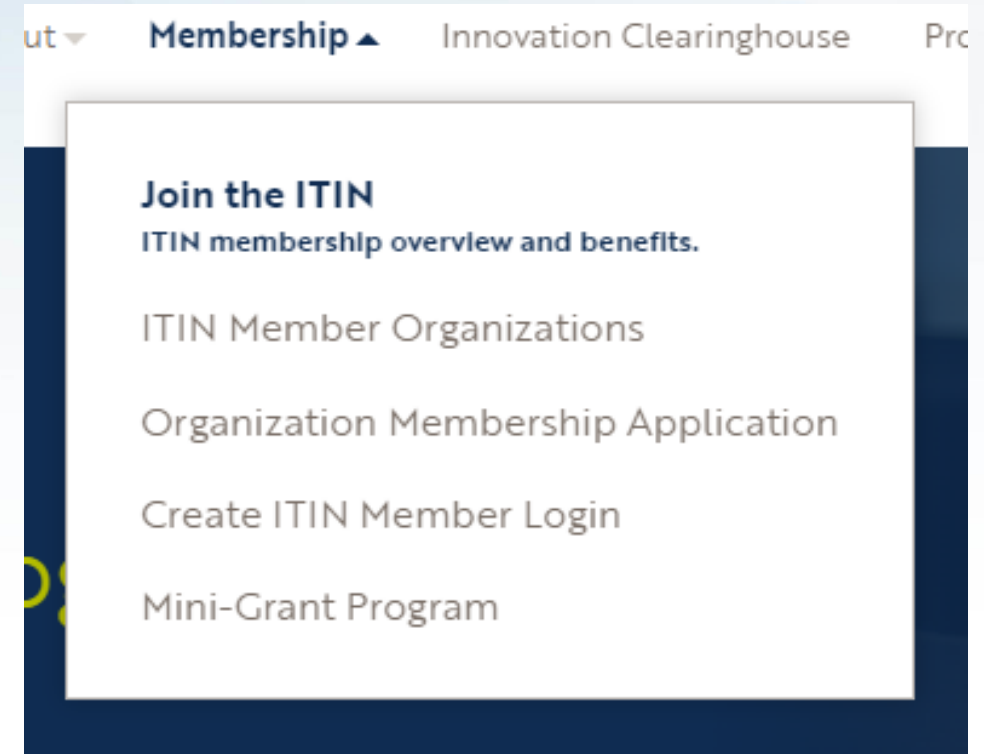
# IT Innovation Network

ITIN is a network of colleges collaborating and sharing knowledge to enhance IT program. It's FREE!

Membership:

- Membership overview and benefits
- Current member organizations
- Membership application
- ITIN member logins

Website Link: [Join the ITIN - NITIC](#)



# Community of Practice

The CoP events and forums are for ITIN members and can only be accessed behind a login.

- CoP Events – How to Register
- Discussion Board

Website Link: [Community of Practice - NITIC](#)

## Upcoming CoP Events

Attendees must be ITIN members to register for and attend Community of Practice events.

**Discover NITIC! How we'll work together to  
prepare the IT professionals of tomorrow**

September 20th, 2024, 1:00 pm ET

[DETAILS >](#)

# Working Connections

- Overview
- Fall Working Connections (waitlist)
- Registration overview

Website Link: [Working Connections - NITIC](#)



# Business and Industry Leadership Teams

- BILT Overview
- NITIC's National BILT
  - Mega BILT and SME BILTs
  - BILT Results
- Local BILT Implementation Support
  - Toolkit

Website Link: [BILT Overview - NITIC](#)



# Innovation Clearinghouse

- Overview
- Searching for resources
- Submitting resources

Website Link: [Innovation Clearinghouse - NITIC](#)



The screenshot displays a list of three documents available in the Innovation Clearinghouse. Each entry includes a green document icon, the title, a brief description, and a 'DETAILS >' link.

| Document Icon  | Title                       | Description  | Action                       |
|--|-----------------------------|--|------------------------------|
|   | Protect Your Python         | SBOMs and Open Source Scanning                                       | <a href="#">DETAILS &gt;</a> |
|   | Prompt Engineering Workshop | HI-TEC 2024 Workshop – Interacting with Generative AI (Gen AI) Tools | <a href="#">DETAILS &gt;</a> |
|  | KSA Voting Form             | How to create the electronic KSA voting form in Google Forms         | <a href="#">DETAILS &gt;</a> |

# Maximize Your NITIC Experience



# NITIC Outreach - Staying Connected & Engaged

|  | <b>LinkedIn</b><br><b>\$0</b><br>Follow NITIC on LinkedIn | <b>Mailing List</b><br><b>\$0</b><br>Visit NITIC.org –<br>Contact Us | <b>ITIN Membership</b><br><b>\$0</b><br>Visit NITIC.org – Create ITIN<br>Member Login |
|--|---|--|---|
| Stay updated on news and events          | <input checked="" type="checkbox"/>                       | <input checked="" type="checkbox"/>                                  | <input checked="" type="checkbox"/>   |
| Receive the NITIC newsletter             |   | <input checked="" type="checkbox"/>                                  | <input checked="" type="checkbox"/>   |
| Get updates on joining ITIN              |   | <input checked="" type="checkbox"/>                                  |   |
| Get updates on non-member opportunities  |   | <input checked="" type="checkbox"/>                                  | <input checked="" type="checkbox"/>   |
| Get updates on member-only opportunities |   |  | <input checked="" type="checkbox"/>   |
| Early access priority window             |   |  | <input checked="" type="checkbox"/>   |

# How to Join the IT Innovation Network

## Step 1: ITIN Organization Membership

Receive permission from an authorized administrator

Complete the application

Receive confirmation or membership activation

## Step 2: ITIN Member Logins



All faculty & staff - Create logins with your organization's email

Receive confirmation of account activation

Login and register for events

# Upcoming Opportunities – ITIN Members

## Mini Grant Program

- Project Focus: Seeking innovative emerging technology projects
- Grant Size: \$10,000
- Deadline: November 1

## CoP Events – Registration Open

- Containers: How business are using them, what students need to know, and how one school teaches key skills: November 1
- National BILT Meeting – Data Analytics: November 19
- Externships & Micro-Internships: Innovative Faculty and Student Engagements with Employers – December 6

## BILT Educator Program

- Workshop series + mentoring for BILT implementation support
- Spring 2025, Dates TBD

# Upcoming Opportunities – ITIN Members & Non-Members

## Winter Working Connections

- **Dates:** December 10-12, December 17-19 (both online)
- **Registration:** Next week!
- **Week 1 Tracks:** Generative AI, Data Analytics, Infrastructure
- **Week 2 Tracks:** AI Foundations, OT Security

## Spring Working Connections

- **Dates:** Weekly series, March - April (online)
- **Registration:** Late January/Early February
- **Tracks:** 2-3 TBD

## Summer Working Connections

- **Week 1** – In-person Columbus State (tentative)
- **Week 2** – In-person Collin College, July 21-25
- **Week 3** – Online, July 28-August 1
- **Registration:** Late March/Early April
- **Tracks:** 12-15 TBD



# Working Connections Registration Timeline

## Winter Working Connections

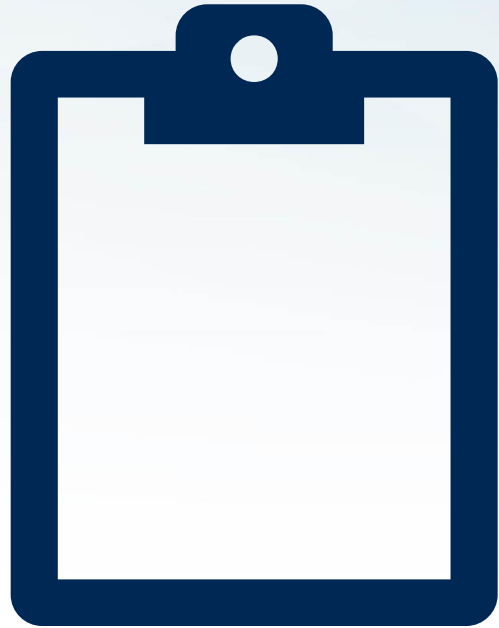


# Collaboration to Amplify Your ATE Project

- Showcase your products on the Innovation Clearinghouse
- Feature your work or events in NITIC news
- Contribute to a case study or publication
- Supplemental funding through a mini-grant
- Host a Community of Practice webinar event
- Teach a Working Connections course
- Co-Present at a conference
- Join a Technology Team committee



# Survey



# Q&A

**Thank you!**

**[nitic.org](http://nitic.org) | [nitic@csc.edu](mailto:nitic@csc.edu)**

**[nitic.org](http://nitic.org) | [nitic@cscce.edu](mailto:nitic@cscce.edu)**



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