

2026-27 FACT² Task Group Charge

Discipline-Specific AI Tools for Workforce Readiness

Co-chairs: Dave Ghidu

Introduction

As artificial intelligence becomes embedded in professional practice across nearly every sector, SUNY faculty, staff, and students need timely guidance on the AI tools, practices, and expectations emerging within specific academic disciplines and career fields.

This FACT² Task Group will explore and identify discipline-specific AI tools and AI-enabled professional practices that faculty should be aware of and, where appropriate, incorporate into courses, assignments, and learning outcomes so that SUNY graduates have meaningful exposure to tools they may be expected to use as they enter the workforce.

The group will include faculty from a wide range of disciplines and will coordinate with related SUNY AI initiatives, including the AI for the Public Good Fellows and SUNY's planned community of practice supporting faculty as they integrate AI skill development and AI-based tools into their courses.

1. **Discipline Landscape Scan.** Identify AI tools used in industry and employers, platforms, workflows, and professional expectations already emerging across broad disciplinary areas, including examples from SUNY faculty and from peer institutions.
2. **Faculty Practice and Course Integration.** Document how faculty are already introducing discipline-specific AI tools into courses, assignments, projects, labs, clinical or field experiences, and capstone work.
3. **Employer and Industry Input.** Develop a process to gather input from employers, industry partners, advisory boards, alumni, and workforce organizations regarding AI tools and AI-enabled competencies expected of entry-level graduates in various fields.

Stakeholders

- SUNY Provost
- SUNY Faculty
- SUNY Students
- SUNY Librarians

- SUNY Instructional Designers
- SUNY Center for Professional Development
- SUNY Online
- SUNY Office of Library and Information Services and OER Services
- STAR-NY Consortium
- Campus Chief Academic Officers
- Campus Program Directors and Department Chairs
- Campus Chief Information Officers
- Campus Faculty Development Centers
- Campus Librarians
- Campus Online Learning Staff
- Campus Career Services and Employer Relations Staff
- Employers, Industry Partners, Alumni, and Program Advisory Boards
- Campus Student Support Staff
- Campus Tutoring and Writing Centers
- University Faculty Senate
- Faculty Council of Community Colleges
- SUNY Student Assembly
- SUNY AI For the Public Good Fellows
- SUNY DEISJ Fellows
- Sustainability Fellows
 - a. SUNY Office of Economic Development and Upward Mobility
 - b. Campus Continuing Education and Workforce Development Offices

Goals

- Identify AI tools, platforms, and AI-enabled workflows that are already being used or are likely to be expected in specific academic disciplines and related professional fields.
- Gather examples of how SUNY faculty and faculty at other institutions are incorporating discipline-specific AI tools and practices into courses, learning outcomes, assignments, and assessments.
- Gather input from employers, industry partners, alumni, workforce development organizations, and campus advisory boards to identify the AI-related competencies and tools graduates may need in the workplace.
- Develop guidance and resources that help faculty make informed decisions about when and how to introduce discipline-specific AI tools in ways that are ethical, accessible, pedagogically sound, and aligned with student learning and workforce readiness.

Expected Outcomes/Deliverables

This task group will produce the following deliverables.

Summer 2026

- Finalize the Task Group charge and identify task group co-chairs.
- Make an open call for SUNY faculty and support staff to participate, with attention to representation across disciplines, campus sectors, geography, and professional preparation areas.

Fall 2026

Conduct a landscape scan of discipline-specific AI tools and practices, with attention to what faculty are already doing and what employers expect graduates to know and be able to do.

- Survey SUNY faculty and instructional support staff to identify discipline-specific AI tools already being used in courses, labs, clinical placements, studios, field experiences, applied learning, and capstone experiences.
- Scan examples from other institutions, professional associations, accrediting bodies, and open educational resources to identify emerging practices in discipline-specific AI integration.
- Develop and implement a method for gathering employer and industry input, such as advisory board discussions, targeted interviews, focus groups, alumni feedback, or a short employer survey.
- Create an initial discipline-by-discipline inventory of AI tools, use cases, competencies, risks, and teaching considerations.

Spring 2027

- Produce a FACT² Guide to Discipline-Specific AI Tools for Workforce Readiness that includes discipline examples, tool categories, faculty decision points, sample learning outcomes, and recommendations for responsible course integration.
- Identify opportunities to align this work with SUNY's AI for the Public Good Fellows, the faculty community of practice on responsible AI use, AI literacy implementation, and related SUNY workforce readiness initiatives.
- Present the task group's findings at SUNY CIT and other relevant SUNY meetings or conferences.
- Share recommendations and resources through FACT², SUNY Academic Affairs, SUNY CPD, and other systemwide dissemination channels.

- Finalize and share the report at the end of the project, including recommendations for sustaining and updating the inventory as AI tools and workforce expectations evolve.

Task Group Members

Member Name & Campus Role	Institution	Email

Benefit or value to the SUNY System and SUNY Campuses

This SUNY-wide Task Group will help faculty and campuses respond to rapidly changing AI-enabled professional expectations by identifying tools and practices students are likely to encounter after graduation. The work will support faculty in making informed curricular decisions, help programs align learning outcomes with emerging workforce needs, and strengthen SUNY's ability to prepare graduates who can use AI responsibly, effectively, and ethically in their chosen fields.

Task (action)	Deliverable (outcome)	Due By	Responsibility
Reach Agreement on Task Group Charge			
Form Task Group Leadership			
Solicit Initial Membership			
Set up Collaboration Space for Task Group			

Initial Task Group Meeting			
Publicize Task Group Charge			
Schedule and Hold Task Group and Subcommittee Meetings			
Develop and Execute Work Structure for Producing Deliverables			
Engage FACT2 Reps			
Submit Status Update			
Offer webinar			
Submit CIT Abstract			
Submit Status Update			
Share recommendations			

Share guidance for faculty			
Share policy guidance			
Deliver Final Report at CIT Session			

Communication Plan and Engagement of Stakeholders

- Provide access to findings and deliverables through the FACT² website, SUNY Academic Affairs channels, the Viva Engage space, and other digital dissemination channels.
- Engage SUNY faculty, AI for the Public Good Fellows, campus academic leaders, instructional designers, librarians, career services staff, and employer-facing offices throughout the work.
- Report out activities and findings to FACT² members and campus representatives, University Faculty Senate, Faculty Council of Community Colleges, SUNY CIT, and other relevant SUNY venues.
- Recommend next steps for sustaining, updating, and expanding the discipline-specific AI tools inventory and related faculty guidance.