



# TEACHER BECOMES LEARNER

**CONNECTING EDUCATORS WITH INDUSTRY TRENDS SO THEY CAN BETTER GUIDE THE FUTURE WORKFORCE.**

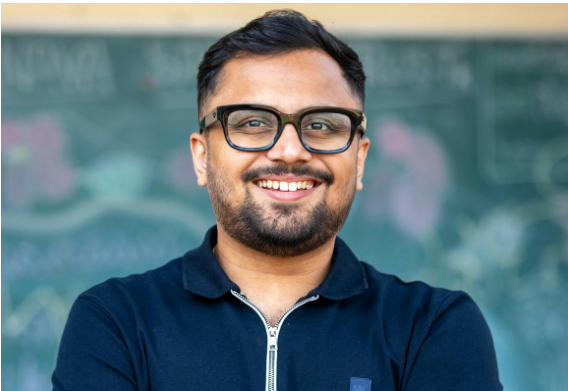
## BRIDGING THE CLASSROOM AND THE JOB SITE

To guide the future workforce, educators must first see where the industry is heading. This initiative connects Connecticut teachers, counselors, and administrators directly with the state's leading employers to align classroom instruction with modern economic demands.



### **EDUCATOR EXTERNSHIP PROGRAMS**

Step out of the classroom and onto the active floor. Connecticut educators can participate in immersive, hands-on externships with local manufacturers, construction firms, and healthcare facilities. These short-term placements give teachers a first-hand look at the advanced technologies, math applications, and technical skills their students need to succeed.



### **PROFESSIONAL DEVELOPMENT & CEUS**

Turn real-world experience into official credentials. Many state-supported externships and industry seminars offer professional development hours or Continuing Education Units (CEUs) approved by the Connecticut State Department of Education (CSDE). Additionally, educators gain access to lesson plans and curriculum resources tailored to CT's primary economic growth sectors (like aerospace, sustainable building, and health tech).



### **FOR EMPLOYERS: BUSINESS HOST OPPORTUNITIES**

Local businesses can actively shape their future talent pipelines by hosting educators for site tours or externship cohorts. Host sites can customize the length and scope of the visit—whether a brief 2-hour facilities tour or a week-long immersive shadow program—fostering direct alignment between local schools and employers.



## SCAN HERE

For the **BLS.org Occupational Outlook Handbook** to view details about any occupation including what you might do on the job, how much you might earn, and how much education or training you might need.



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## **REGIONAL CAREER & LABOR MARKET INTELLIGENCE**

### **CONNECTICUT SALARY & OUTLOOK DATA**

Real-time median wages, projected growth, and entry-level entry points for roles like Civil Engineers, CAD Drafters, Project Managers, Commercial Electricians, and Architects.

## **FEATURED REGIONAL EMPLOYERS & INDUSTRY PARTNERS**

### **CT.GOV: STATEWIDE INFRASTRUCTURE PROJECTS**

Show real-world CT projects (bridge overhauls, transit expansion, sustainable building initiatives) to make the fields tangible for students.

## **EDUCATION & PATHWAY MAPS**

### **HIGH SCHOOL PREP**

Students interested in architecture, construction, or engineering should focus on core classes like mathematics, physics, and computer-aided design (CAD). Taking advanced STEM and hands-on elective classes builds a strong foundation for future college majors and technical careers.

### **AEC TERMINOLOGY & CONCEPT CHEAT SHEETS**

## **THE POST-SECONDARY MATRIX VISUAL FLOWCHART**

## **OTHER RESOURCES**

### **CONNECTICUT WORKFORCE & EDUCATION STRATEGY BLUEPRINT**

### **NACE EDUCATION CAREER READINESS**

### **ACTIVITIES FOR CLASSROOM: HANDS-ON STEM & DESIGN CHALLENGES**

### **CT MENTORSHIP & PIPELINE PROGRAMS**

### **THE UNIQUE ENGINEERING BEHIND MYSTIC'S DRAWBRIDGE**