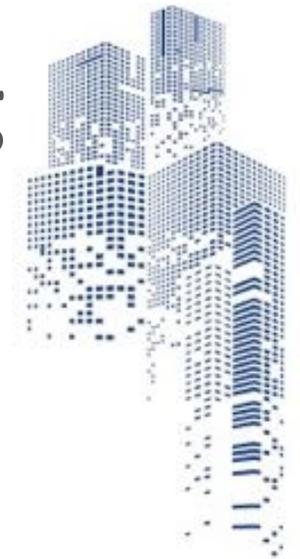


Education and Training for Building Jobs

In the Roaring 20s

Powerful Facility Conference
March 17, 2022

Steve Abercrombie





Roaring 20s



Our Story Begins

Protagonist

SUSTAINABLE
BUILDING
SCIENCE **SBST**
TECHNOLOGY

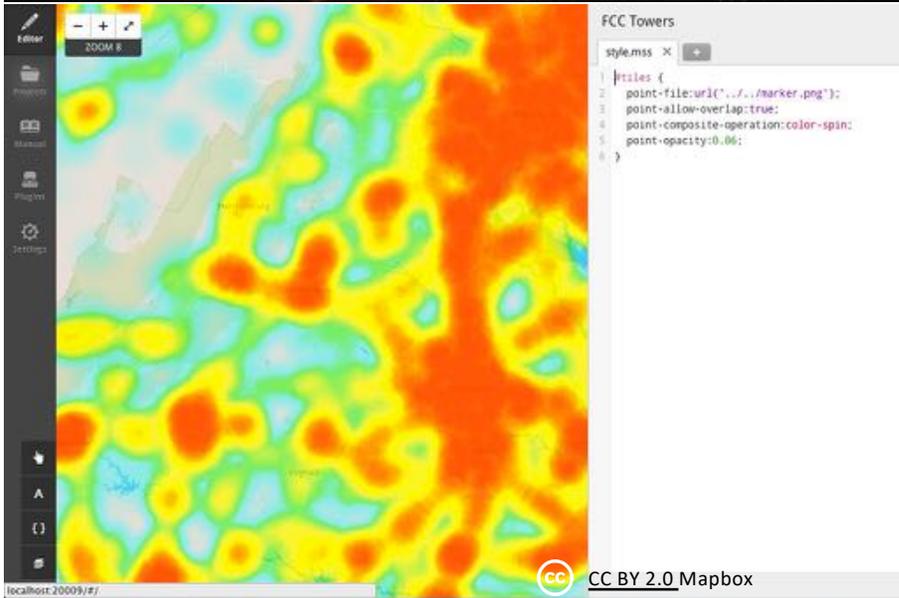


[Photo from Unsplash – Chris Swann](#)



Stock Photo - Depositphotos









[Photo from unsplash](#) | [Mod Zuber saifi](#)

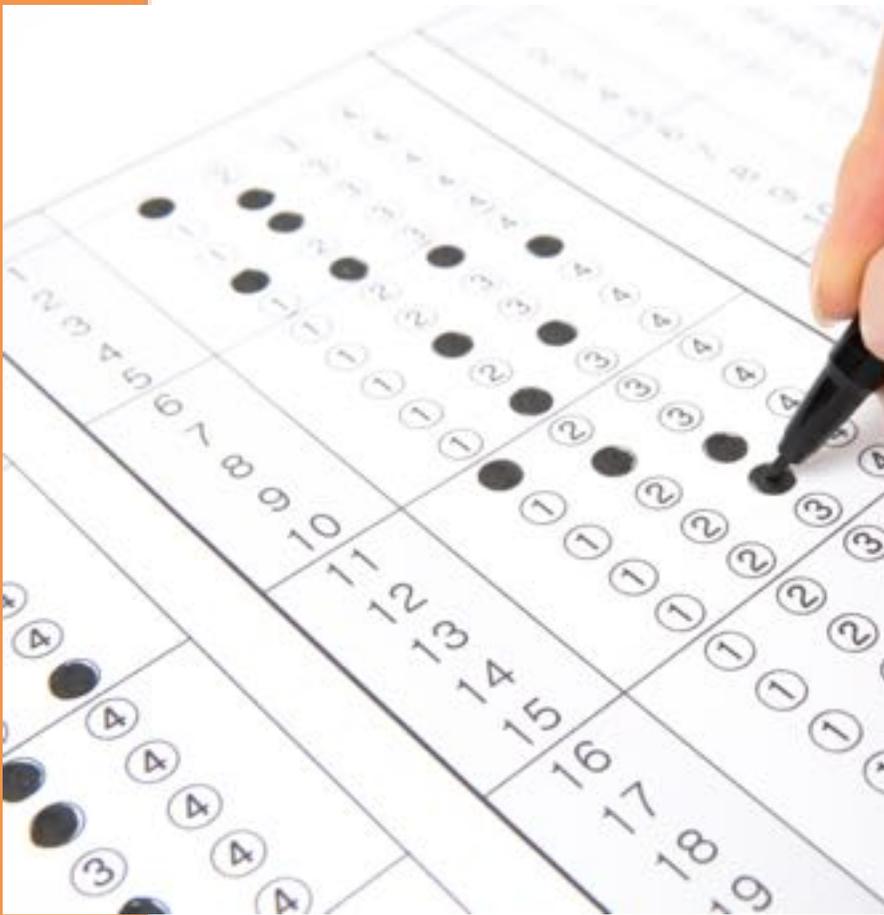


Recovering Consultant

Adult Educator

- Higher Education (13 years)
- Professional Education (AGC, BOC, LEED)
- Organizational training (Green Building)

What I really learned – knowledge work



- Meta Learning
- Prioritization
- Learning \neq Persistence
- Coaching



ROARING 20s TRENDS
IN BUILDINGS



WHAT'S HAPPENING
WITH THE
WORKFORCE?

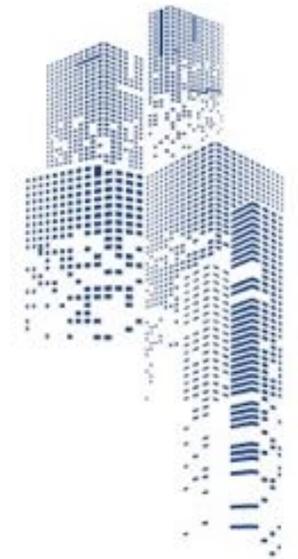


OVERVIEW OF
EDUCATION AND
TRAINING



WHAT THIS MEANS
FOR YOU

Roaring 20s Trends in Buildings





Digital Revolution



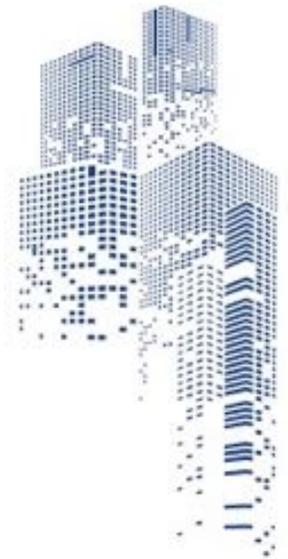
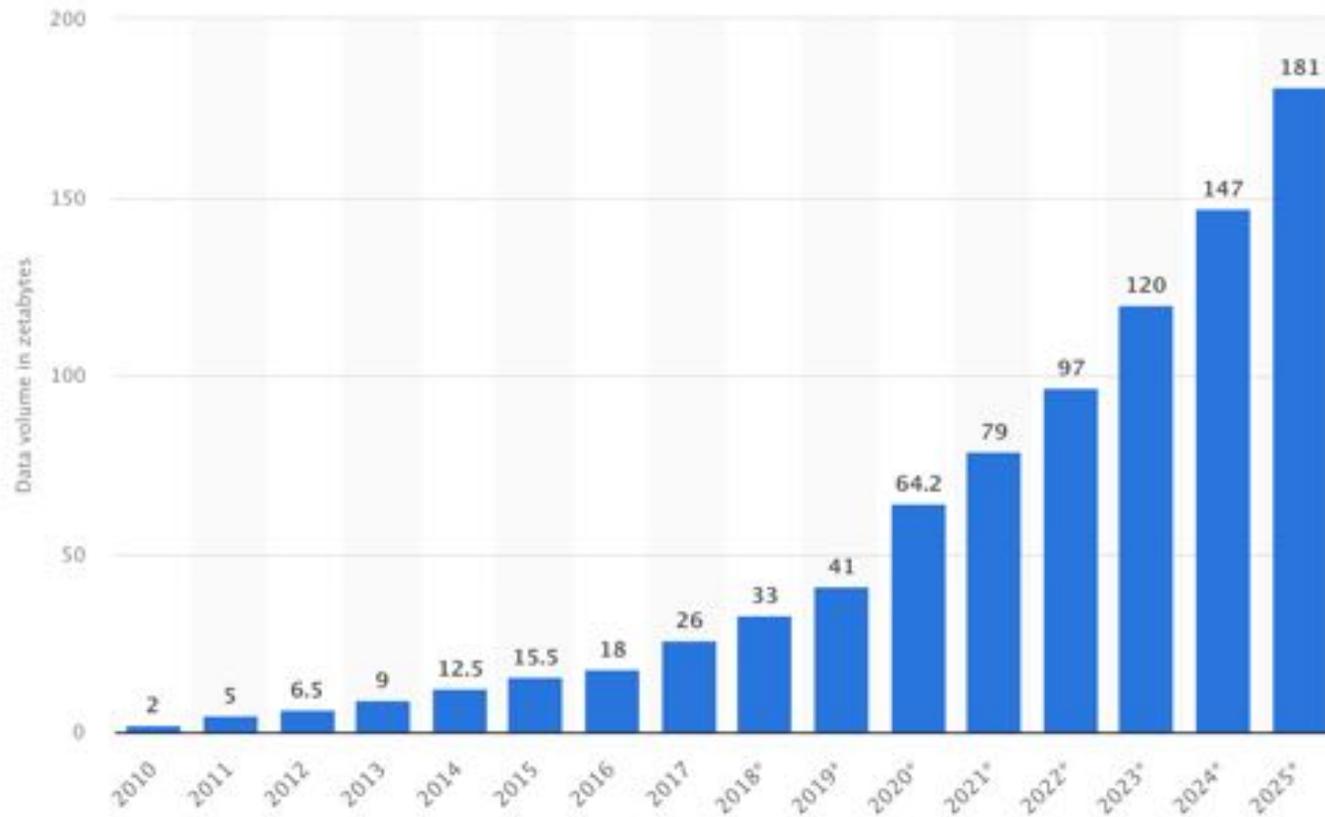
Sustainability



Professionalism

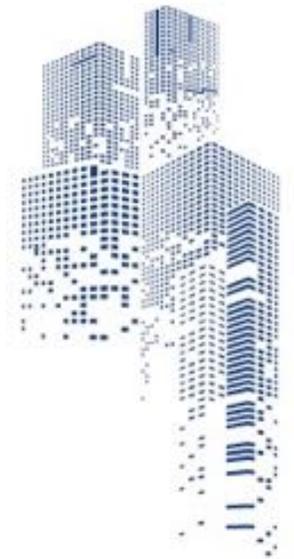


Overload



Source: [Statista](#)

What's Happening With the Workforce



Great Resignation

The Great Resignation

Number of people quitting their jobs in the United States, seasonally adjusted



Source: U.S. Bureau of Labor Statistics



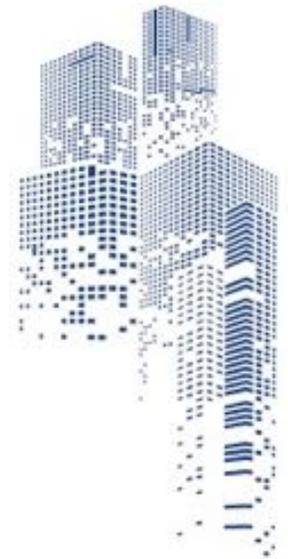
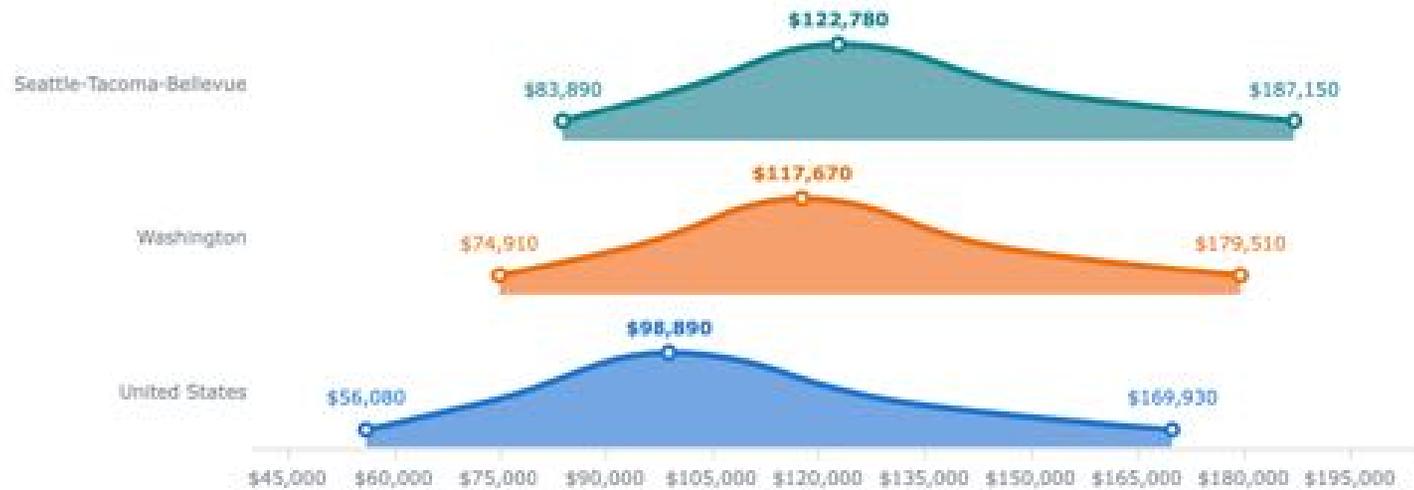
Great Jobs!

Local Wages for: 11-3013.00 - Facilities Managers

View wages for state:

View wages near ZIP Code:

View wages:

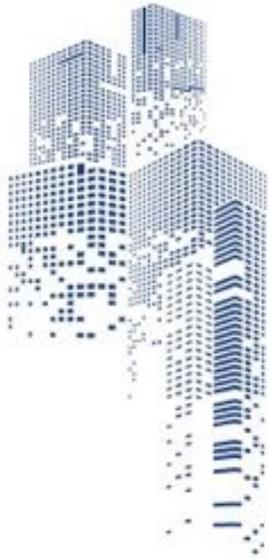
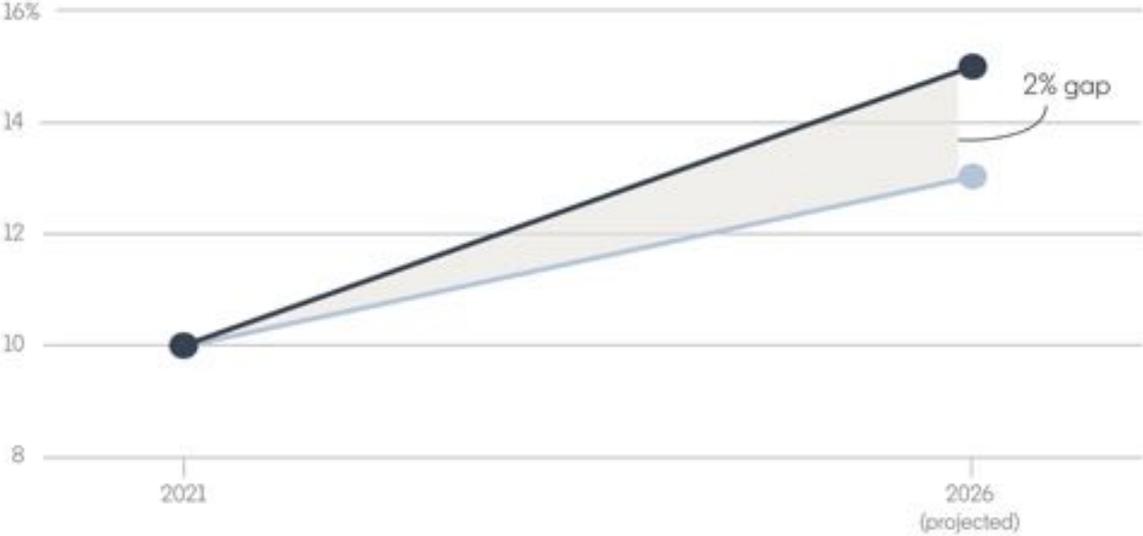


Source O*Net

Green Job Gap

At the current pace, **demand** for green jobs will surpass **supply**

Demand determined from share of green job postings. Supply determined from the share of members who have skills for green jobs.



Source: LinkedIn Global Green Skills Report

Green Skills

Green Skills are often required in traditionally **non-green jobs**

Climate Change

Meteorologist
Agriculture Specialist
Policy Advisor
Marine Biologist
Agriculture Specialist

Sustainable Design

Architectural Manager
Landscape Architect
Director Of Interior Design
Urban Planner
Construction Administrator

Renewable Energy

Business Engineer
Project Finance Analyst
Distribution Engineer
Land Acquisition Manager
Project Sales Engineer

Energy Efficiency

Plumbing Engineer
Utilities Manager
Project Sales Engineer
Vice President Facilities
Heating And Air Conditioning
Engineer

Agronomy

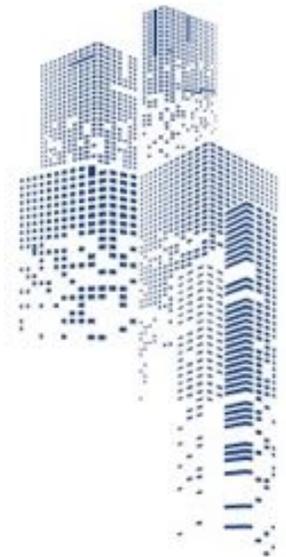
Sales Operations Assistant
Commercial Technical Advisor
Entomologist
Winemaker
Technical Sales Representative

Erosion Control

Director Of Public Works
Construction Inspector
Survey Project Manager
Civil Designer
Transportation Engineer

Environmental Awareness

Park Manager
Safety Assistant
Geographic Information System
Officer
Geographer
Archaeologist

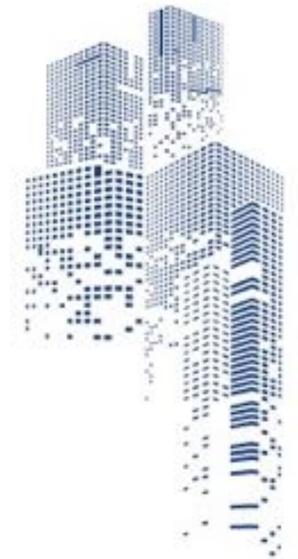




The average person will hold **12 - 14 jobs** in their lives

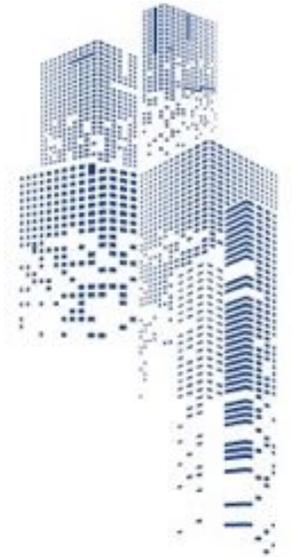


Overview of Education and Training



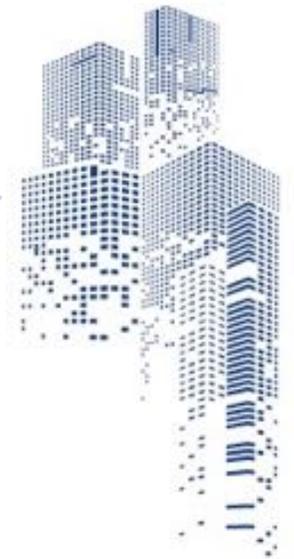
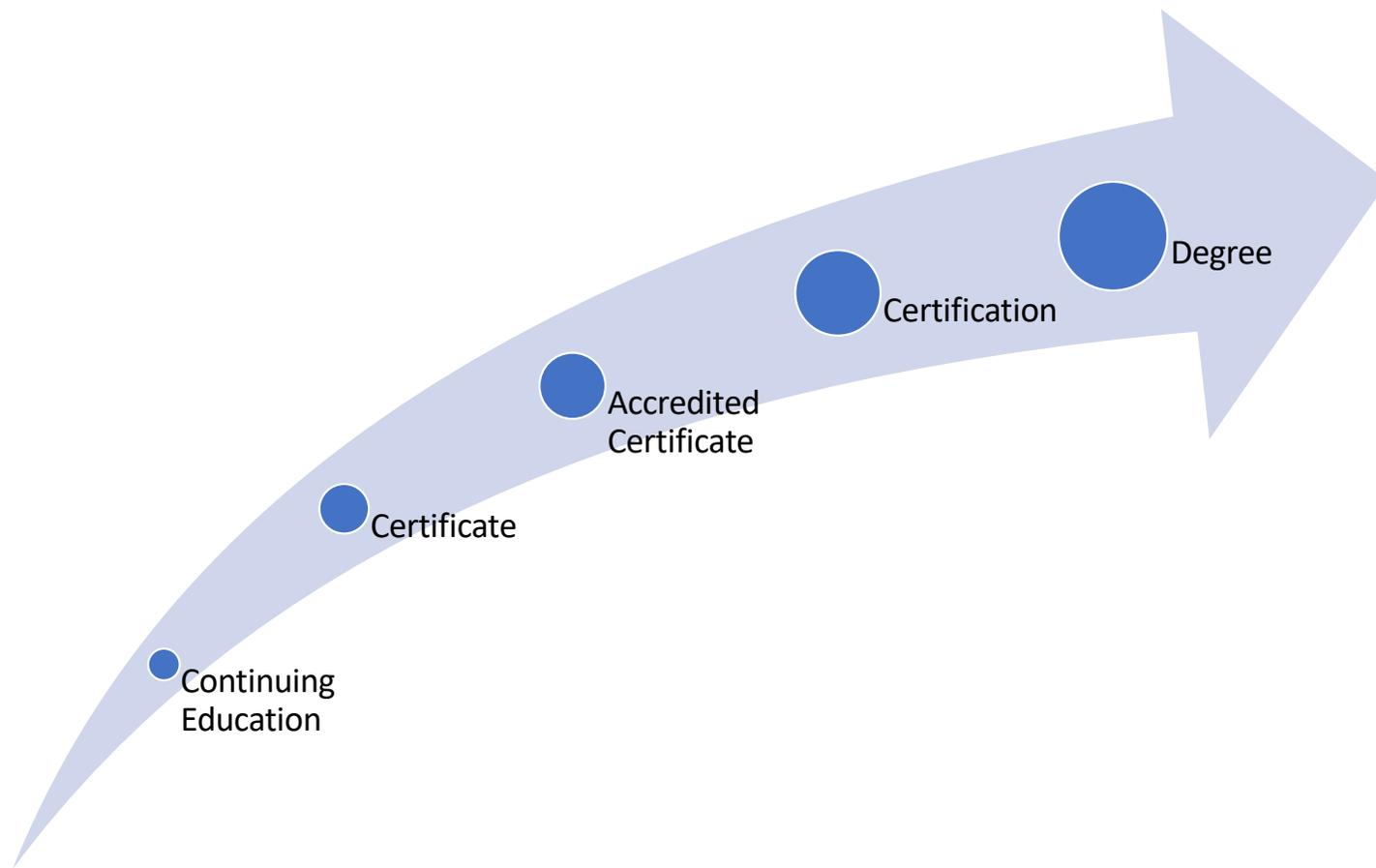
Education vs. Training

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TECHNOLOGY



Commitment

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SCIENCE **SBST**
TECHNOLOGY



Educational Shift

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SCIENCE **SBST**
TECHNOLOGY



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Digital Badges & Microcredentials

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SCIENCE **SBST**
TECHNOLOGY



Source EduCause

EARN MICRO-CREDENTIALS

Competency-Based Recognition for Educators

- 1 Select**
Select a skill you have developed or would like to develop.
- 2 Collect**
Collect the required evidence demonstrating your competence in that selected area.
- 3 Submit**
Select and submit your collected evidence on bloomboard.com/digitalpromise.
- 4 Share**
Share your micro-credential as a digital badge once you have earned it.

Digital Promise | bloomboard.com/digitalpromise | #Love2Learn

Bachelor of Applied Science

SUSTAINABLE
BUILDING SCIENCE SBST
TECHNOLOGY





Accelerated Degrees

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BUILDING SCIENCE **SBST**
TECHNOLOGY

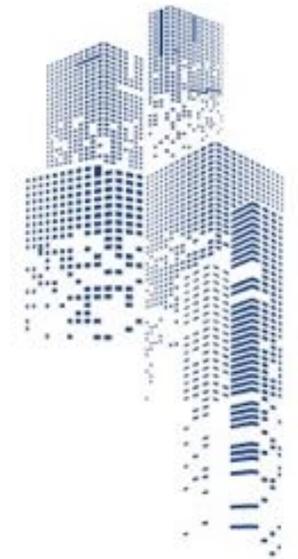


MOET – Multi-Occupation in Engineering & Technology

- Earn Associate Degree in < 1 year
- Portfolio for work experience
- Extra institutional instruction for training
- Orientation and Capstone
- General Education



What this means for you





We are training for a knowledge work revolution

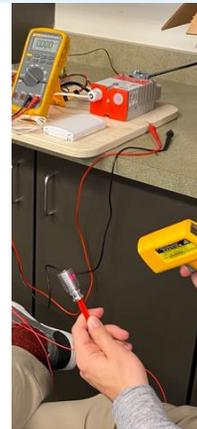
What I've learned

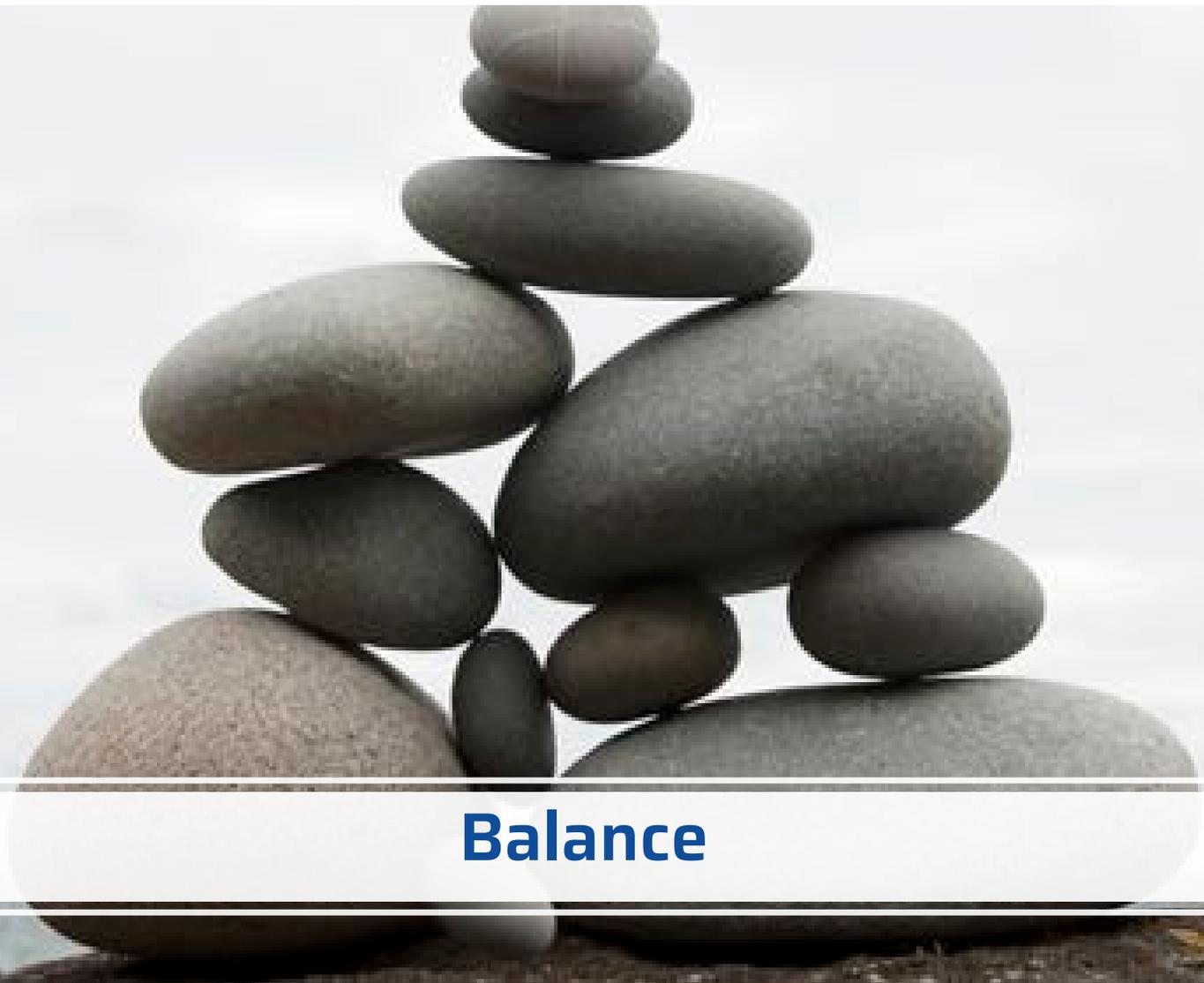
- **Evolution needed for adult learners**
 - Pathways
 - Differentiated instruction
 - Equitable support
- **Collaboration & Coordination**
 - Education & Training
 - Academic & Certificate Programs
 - Apprenticeships
- **COVID**
 - People are overwhelmed and need flexibility!!
 - “New normal” is not moving backwards



Flex!

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BUILDING SCIENCE **SBST**
TECHNOLOGY

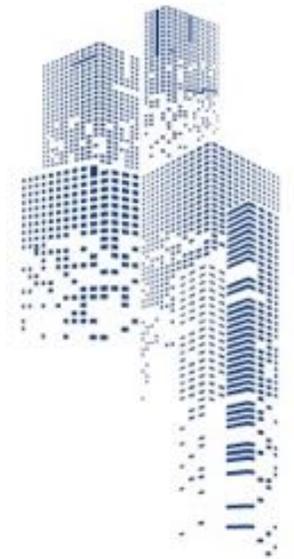
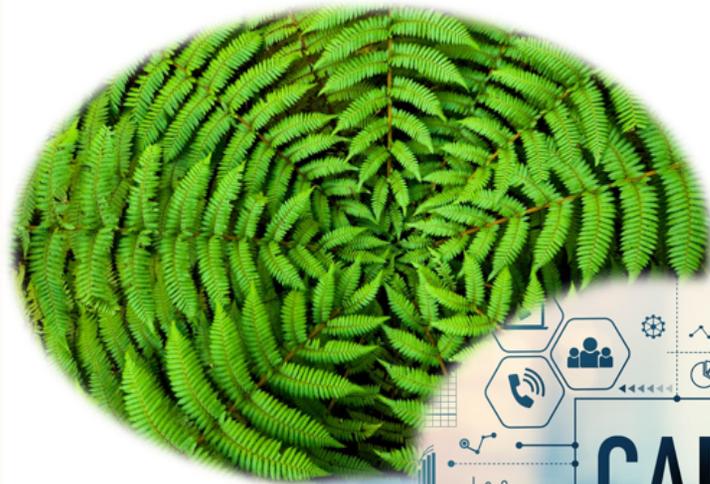




Balance

Talk about a great career!

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Partner!

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