



# Andy Cooper

OWNER - LEAD CX AGENT

## About Me

I have spent 18 years solely doing Cx work on over 10 million square feet of new and existing construction in the healthcare, education (Pre-K, K-12, Higher Ed.), military, government, and public & private buildings. I have extensive experience commissioning HVAC and electrical systems and building envelope components. I pride myself on delivering the working buildings that my clients expect.

My greatest strengths are attention to detail, knowledge of various building systems and components, building codes, communication skills, and project management.

While I do run a family business, being family isn't enough to be part of my team. I hire based on the ability of a team member to work to my level of dedication and detail. We are honest, work hard, and most importantly, we get things right.

I see a need for awareness about what commissioning as a process can deliver. One of my goals for the future is to share my process and knowledge with others.

## Current Certifications

**BSC** (Building Systems Commissioning from NEBB)

**BCxA CCP** (Certified Commissioning Professional from Building Cx Association.)

**BECxP** (Building Envelope Commissioning Provider from University of Wisconsin, Madison)

**CxA+BE** (Commissioning Authority + Building Envelope from University of Wisconsin, Madison)

**BEC-2** (Building Envelope Commissioning Level 2 from Building Science Institute)

## Experience

2018 - Present: Cooper Commissioning (CCx)  
**Founder, Owner, & Lead Cx Agent.**

2006 - 2018: Obermiller-Nelson Engineering (ONE)

### Lead Cx Agent

I was selected to head the new-at-the-time commissioning division at ONE. I grew this division from myself to a team of 6. My team and I provided Cx services initially for Mechanical, Electrical, and Plumbing, and later included Building Envelope Cx in our service offerings.

2002 - 2006: ONE

### HVAC Designer

1999 - 2002: Haack Engineering & ONE

### HVAC Drafter

## Community Involvement

I am proud to be a member of a thriving community and believe it is part of my job as a business owner to support local organizations including business associations, professional associations, and non-profits. I am currently serving on the North Central NEBB board and volunteer with Churches United and Fix it Forward.



# Andrew Ross

CX SPECIALIST - II



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## Current Certifications

**QCxP** (Qualified Commissioning Process Provider from University of Wisconsin, Madison)

**EBCxP** (Existing Building Commissioning Process Provider from University of Wisconsin, Madison)

## Education

**M.S. Ecology & Conservation Science**  
**North Dakota State University**  
**2012**

Master's Thesis: Population Genetics of the Western Prairie Fringed Orchid. (*Platanthera praeclara*).

**B.A. Biology**  
Ecology & Evolution Emphasis  
**Minnesota State University Moorhead**  
**2009**

## Cx Experience at Cooper Commissioning

2024 - Present: **Cx Specialist - II**

2023: **Cx Specialist - I**

While at Cooper Commissioning I have progressed from writing and performing simple prefunctional checks to writing and executing more complex functional and integrated systems testing. Data management, accurate documentation, and Issue Log verifications are critical parts of my position.

Systems for which I write and execute checks and tests include:

Domestic Plumbing Systems  
Multi-zone (often multi-VAV) AHUs/RTUs  
Heating Plants  
Chilled Water Plants  
Geothermal Systems

## Other Experience

2012 - 2022 - North Dakota State University

### Research Specialist

- Ran all operations under the Principal Investigators for Canola, Flax, and later for Pulse (legume) crops.
- Hired and supervised up to 8 full-time student workers at a time to carry out field and greenhouse work.
- Annually planned and executed state-wide field trials and coordinated these with off-season greenhouse breeding experiments.
- Coordinated work among undergraduate and graduate students, professors, departments, US governmental agencies, and agencies in Chile to ensure breeding trial success.

2000 - 2005 - United States Army

### Radio Operator Maintainer (MOS 25 C)

- Operated, maintained, and repaired vehicles, communications, and GPS systems.
- Performed security and convoy operations.
- Secured, accounted for, and transported secret-level COMSEC materials.
- Field and combat experience, often in adverse conditions.

## Community Involvement

I've spent my adult life volunteering with nonprofits in roles ranging from hands-on work to leadership and systems development. Wherever I serve, my goal is the same: to help the organization move forward and make a stronger impact.



# Adriane Cooper

PROJECT MANAGER + CX SPECIALIST - I



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## Current Certifications

**QCxP** (Qualified Commissioning Process Provider from University of Wisconsin, Madison)

**EBCxP** (Exisiting Building Commissioning Process Provider from University of Wisconsin, Madison)

## Education

**B.S. Chemistry Education** 2005  
**B.S. Life Science Education** 2004  
Minnesota State University Moorhead

**M.S. Botany**  
North Dakota State University 2004

**B.S. Biology** 2001  
Bemidji State University

## Cx Experience

2023 - Present

### Project Manager & Cx Specialist - I

I continue work as a specialist to execute Cx technical work as needed, but have shifted primarily to managing the scheduling and tracking thousands of details for our projects from proposal to close-out. I facilitate clear and efficient communication among all parties involved in our Cx process. I also work to develop our professional and community relationships.

2018 - 2022

### Cx Specialist - I & Administrative Support

I worked as part of a team to execute a technical Cx process; ensuring all mechanical systems function per the design intent. I perform bookkeeping, HR, as well as writing and editing of employee handbook, website content, and project proposals.

## Other Experience

2014 - 2023 - A. S. Cooper Consulting, LLC, Moorhead MN.

### Owner/Educational Consultant

I organized individualized curricula for high school-aged students and provided direct instruction of math, science, and technical writing. For education providers, I wrote and edited curriculum and organizational documents.

2005 - 2014 - Moorhead High School, Moorhead, MN

### Science Teacher

I taught and developed curriculum for Forensic Science, Environmental Science, and various levels of chemistry and biology courses. I used student-centered, research-based approaches in all aspects of teaching, from curriculum development to lesson delivery & classroom management.

1998 - 2005

Bemidji State, MUSM, NDSU

I held various research assistant, teaching assistant, and adjunct positions.

## Community Involvement

I serve on the board of Churches United for the Homeless in Moorhead, MN, chairing the Property Committee. Previous volunteer work includes board membership, business coaching, and writing/editing for the Prairie Wetlands Learning Center, U of MN Master Gardeners, Smiley's Rescues, and The Red River Valley Academy.



# Joe Cooper

CX SPECIALIST - I



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## Education

Graphic Design Diploma - 2025  
MSTATE Moorhead

## Cx Experience: 2021 - present

On-site: Perform prefunctional checks and functional testing as part of a team. Provide real-time problem solving to improve overall team efficiency.

Test and checklist writing: Writing custom prefunctional checklists using plans and specifications from individual projects. Designing configuration forms to interface with Cx software; performing data entry, quality control, and management of Cx software records.

## Other Experience: 2021 - present

Freelance (and some volunteer) graphic design work including creation of posters, logos, and design elements for local theater groups, an animal shelter and private and commercial clients.



# Engineer on Call

REGISTERED PROFESSIONAL ENGINEER, NORTH DAKOTA

## Cx Specialist and Advising PE Cooper Commissioning

### 2019 - Present

Serves as a second set of eyes on particularly complex issues encountered during design review or functional testing in the commissioning process. This engineer brings nearly four decades of expertise in HVAC system design.