



Specialty Contractor Institute

2020 Fall Catalog

SCI GENERAL INFORMATION

SCHEDULE AT A GLANCE

COURSE DESCRIPTIONS

INSTRUCTORS

DRIVEN BY THE MEP ALLIANCE



www.rmmca.org/education



Dear Friends and Colleagues,

The last few weeks have been unlike any we have known. This current healthcare crisis has demonstrated how connected and dependent we all are on each other. Without downplaying the tragedies of the current pandemic, COVID-19 is providing the opportunity for everyone to reevaluate priorities.

It is during this time of challenges that the true character of individuals and organizations shine. Strong, healthy organizational cultures show themselves—their true colors—in these not-so-good times. This is also an opportunity for organizations to reflect on their strategic priorities, commitment to their members, and the community at large. This is where SCI can assist by providing intentional education programs that can help in: developing new leaders, hiring and retaining the right people, developing better customer service, building trust, marketing and celebrating team achievements and community engagement, etc. Jack Welch, former CEO of General Electric, once said, *“An organization’s ability to learn, and translate that learning into action rapidly, is the ultimate competitive advantage.”*

We all need to keep in mind that no policies, programs, or anything we write or modify will force anyone to excel. Successful, effective people are all driven by their passion to make a difference. This is where we need to keep our focus, building winning company cultures that every team member genuinely feels a part of. A sense that we are all part of something bigger than ourselves.

Our committee is working on updating the SCI website with additional features to better serve you. Please visit our [“National,”](#) and [“Resources,”](#) and [“Archives”](#) pages and let us know your thoughts. After all, this is your organization. We are always looking for the opportunity to support our team.

This catalog includes our Summer 2020 course offering. Happy learning everyone, and please stay safe.

Sincerely,

Mostafa Khattab

EDUCATION COMMITTEE

CHAIR

Kurt Bocim
Tolin Mechanical

Brodie Arndt
Murphy Company

Dan Grady
Hercules Industries

George Wortman
Trautman & Shreve

VICE CHAIR

John Marlow
US Engineering

Scott Calahan
Braconier Mechanical
& Plumbing

Brian Hopkins
Milwaukee Tool

STAFF

Mostafa Khattab
RMMCA

TABLE OF CONTENTS

- 3 About SCI
- 6 Schedule At A Glance
- 8 Course Descriptions

AUGUST

- 18-19 ~ LAI (2020-2021) - Session 1

SEPTEMBER

- 10 ~ LAI (2020-2021) - Session 2
- 16 ~ John Koontz
- 17 ~ Customer Service Workshop with Clay Daniels
- 26-28 ~ The Last 10%

OCTOBER

- 1 ~ PM/FL Mashup Module 1
- 8 ~ PM/FL Mashup Module 2
- 15 ~ LAI (2020-2021) - Session 3
- 22 ~ PM/FL Mashup Module 3
- 28 ~ PM/FL Mashup Module 4

NOVEMBER

- 5 ~ PM/FL Mashup Module 5
- 10-11 ~ LAI (2020-2021) - Session 4
- 12 ~ PM/FL Mashup Module 6
- 17 ~ Blue Print Reading
- 19 ~ PM/FL Mashup Module 7

14 Faculty

HOW TO REGISTER

Visit www.rmmca.org/education to register for any of the listed classes. If you have any questions about registration or course content, contact Leah Gutmann at lgutmann@firstforward.biz



CERTIFICATE OF COMPLETION

Those who complete a full seminar will receive a certificate of completion from SCI's Education Committee.

ABOUT SCI

Educating Today's Contractors for Tomorrow's Projects

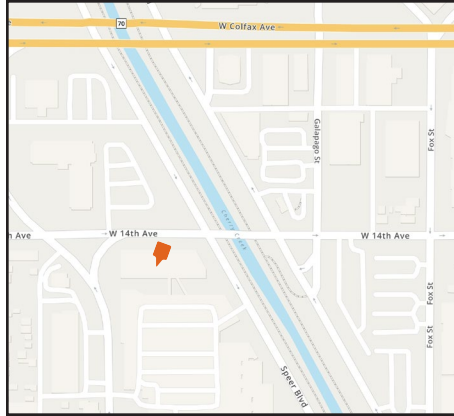
SCI was designed specifically with Colorado mechanical, plumbing and sheetmetal contractors in mind. Our education committee is dedicated to training your experienced employees and your next generation of leaders. We look forward to our third year of valuable training and education.

- **Main Office and Classroom**
1391 Speer Blvd, Suite 450,
Denver, CO, 80204

Driving Directions

The Specialty Contractor Institute's main office is conveniently located in Denver, Colorado, at the corner of Speer Boulevard and 14th Street.

Due to the global pandemic, programs may be offered virtually.



SCHEDULE AT A GLANCE

Denver (D) • (CS) Colorado Springs • (GJ) Grand Junction • (WY) Cheyenne

AUGUST 2020						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
		■ LAI Session 1 (Day 1)	■ LAI Session 1 (Day 2)			
23	24	25	26	27	28	29
30	31					

SEPTEMBER 2020						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
				■ LAI Session 2		
				■ Customer Service Workshop with Clay Daniels		
20	21	22	23	24	25	26
			■ John Koontz			
27	28	29	30			
		■ The Last 10%	■ The Last 10%	■ The Last 10%		

KEY: ■ PM • ■ FL1-3 • ■ MSP • ■ LAI • ■ Workshops • ■ Special Events

SCHEDULE AT A GLANCE

Denver (D) • (CS) Colorado Springs • (GJ) Grand Junction • (WY) Cheyenne

OCTOBER 2020						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 PM/FL Mashup - Module 1	2	3
4	5	6	7	8 PM/FL Mashup - Module 2	9	10
11	12	13	14	15 LAI Session 3	16	17
18	19	20	21	22 PM/FL Mashup - Module 3	23	24
25	26	27	28 PM/FL Mashup - Module 4	29	30	31

NOVEMBER 2020						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5 PM/FL Mashup - Module 5	6	7
8	9	10 LAI Session 4 (Day 1)	11 LAI Session 43 (Day 2)	12 PM/FL Mashup - Module 6	13	14
15	16	17 Blue Print Reading	18	19 PM/FL Mashup - Module 7	20	21
22	23	24	25	26	27	28
29	30					

KEY: ■ PM • ■ FL1-3 • ■ MSP • ■ LAI • ■ Workshops • ■ Special Events

COURSE DESCRIPTIONS

AUGUST 2020

■ Leadership Access Institute (LAI 2020/2021)

• Session 1 - August 18 & 19

How many times have poor communication and interpersonal skills damaged your organization in terms of lost work, impaired relationships and lack of coordination of internal processes? This training program delivers key concepts and techniques that can be immediately applied to maximize your skills and help you maintain a competitive advantage.



We'll help you identify your communication and working styles. Your ability to listen and comprehend the intention or message behind the words used by others will be improved. You will be able to identify ways to talk with groups in a manner that relates to them and their particular style.

Key Topics Include:

- ~ Methods of communication
- ~ Communication style and pitfalls
- ~ Achieving effective communication
- ~ Effective listening techniques
- ~ How to deal with difficult situations

- ~ Communication Theory – Attribution Error, Ego and Face Theory, Climate Theory
- ~ Influence and Influence Tactics

This workshop is organized around seven principles which have been identified to separate the best from the good in dealing with difficult or risky conversations. Those who master critical conversations learn to first recognize the potential dangers, and then apply a variety of skills that help people stay in honest, candid dialogue – even when opinions vary and risks are high. This workshop has also been shown to increase respect among coworkers, supervisors and employees and helps participants create a safe environment for sharing facts, ideas, feelings, and theories candidly and honestly. Are you looking to create productive and dynamic team players? Critical conversations are a way to do just that! Staying ahead of possible conflicts and intervening when issues do arise are what critical conversations are all about. They are the best way to keep those you work with motivated and ensure productive teamwork.

(Continued on page 9)

■ Leadership Access Institute (LAI 2020/2021)

- **Session 2 - September 10**

Everyone benefits from having good problem solving skills since we all encounter problems on a daily basis. Some of these problems are obviously more severe or complex than others and it would be wonderful to have the ability to solve all problems efficiently and in a timely fashion. Unfortunately there is no one way in which all problems can be solved.



The first phase of problem solving may sound obvious but often requires more thought and analysis. Identifying a problem can be a difficult task in itself; is there a problem at all? What is the nature of the problem or are there in fact numerous problems? How can the problem be best defined? By spending some time defining the problem, you will not only understand it more clearly yourself, but you will be able to communicate its nature to others.

The next stage involves careful analysis of the different possible courses of action and then selecting the best solution for implementation. Some solutions may not be possible, due to other problems, like time constraints or budgets. It is important, at this stage, to also consider what might happen if nothing is done to solve the problem. Sometimes trying to solve a problem then leads to many more problems and requires some very creative thinking and innovative ideas.

In any group process there are two competing dynamics – content and process. The process of directing, supporting, guiding and coaching groups of people through the stages and tasks required to attain their stated goal is the most accepted definition of facilitation. However, the ideal facilitator does not lead the participants to conclusion, but rather stimulates insights and then follows what emerges from the group.

Facilitation is fast becoming a core competency for anyone who leads a team, coordinates a committee or manages a project. Indeed, it is extremely difficult to create buy-in, set group goals or solve complex problems without highly developed facilitation skills.

(Continued on page 10)

COURSE DESCRIPTIONS

SEPTEMBER 2020 *(continued)*

■ John Koontz

- *September 16*

■ Customer Service Workshop with Clay Daniels

- *September 17*

Gain a clear understanding of roles, responsibilities, and the importance of teamwork in delivering a positive overall client experience.

- ~ Learn how to be proactive in client services and how to effectively ask for and obtain meaningful customer feedback.
- ~ Understand how good customer service creates value as a commodity and affects sales, profitability and long term growth.
- ~ Learn techniques to increase customer satisfaction and service within your organization.
- ~ Discuss the difference between selling and serving clients and explore different customer service models and methods.
- ~ Understand the difference between proactive service, reactive service and preventative service and how it relates to service agreements.

■ The Last 10% (0-3 Years as a PE/PM)

- **Introduction / Project Overview - *September 22 / 7:30-8:00 am***
Instructor: John Marlow

Instructors throughout this course will be utilizing the Laramie High School project to illustrate concepts related to the final phase of a project.

- **Electrical - *September 22 / 8:00-11:00 am***

Instructor: Steve Wren, Vicki Wren & Matt Levy

- ~ Overview - basics of electrical system
- ~ Key items that need to be prepared for this scope of work to begin
- ~ Key items for coordination that must be considered during design, equipment selection and the construction RI phase
- ~ Common pitfalls/challenges of mechanical/electrical integration

- **Controls - *September 22 / 11:00 am-3:00 pm***

Instructor: Mike Harrington

- ~ Overview of control systems from the most simple to the most complex
- ~ How control systems function and their purpose in the building

(Continued on page 11)

SEPTEMBER 2020 *(continued)*

■ The Last 10% *(continued)*

- **Controls** *(continued)*

- ~ How the control system installation fits into most construction schedule milestones
- ~ Common pitfalls including code issues
- ~ Industry trends and buzzwords

- **Start-up** - *September 23 / 7:30-10:00 am*

Instructor: Dwayne Kiefer

- ~ Overview of the start-up process
- ~ Start-up sequencing and schedule
- ~ Key items that need to be prepared for start-up to begin
- ~ LEED and code requirements
- ~ Common pitfalls

- **Test & Balance** - *September 23 / 10:00 am-12:00 pm*

Instructor: Josh Uncapher

- ~ Overview the commissioning process
- ~ Key elements of a successful commissioning project
- ~ Use diffusers to measure airflow
- ~ Common pitfalls

- **Commissioning** - *September 23 / 12:45-3:00 pm*

Instructor: Tom Poeling

- ~ Overview of the commissioning process
- ~ Key elements of a successful commissioning project
- ~ The typical commissioning team and their roles/responsibilities
- ~ Key LEED and code requirements

- **Closeout** - *September 24 / 7:30-9:30 am*

Instructor: Michael Fullman

- ~ Gain an understanding that the 'end' of a project starts in the 'beginning'
- ~ Key requirements for a successful closeout and common pitfalls to avoid
- ~ Steps to improve client closeout satisfaction
- ~ (As-Built, O+M, 90% Documentation - web based?) Final pay, bill, lien, retention and release

(Continued on page 12)

COURSE DESCRIPTIONS

SEPTEMBER 2020 *(continued)*

- **Panel Session - *September 24 / 9:30-11:30 am***
Instructor: All
- ~ Review topics learned in each session
- ~ See how the different trades/phases work together to best support one another
- ~ Ask questions of the experts

OCTOBER 2020

PM/FL Mashup Program

Module #1: Jobsite Communication - *October 1 / 12:00-4:00 pm*

- Building customers for life
- Better communication for better outcomes
- Increase communication between team members, clients, GCs, vendors, and subcontractors.
- Getting the right information on submittals and equipment to the field to make better installation and productivity decisions
- Separate PMs and Foremen: They each have critical project information the other doesn't have. Then both have assumptions of the other and what needs to be done. If they don't communicate and ask the right questions of each other, the project issue will cause loss of time, money, etc.

PM/FL Mashup Program

Module #2: Building Successful Project Teams - *October 8 / 12:00-4:00 pm*

- Build project teams that work effectively together
- Use 5 disfunctions of a team model
- Getting buy-in at all levels, and hold each other accountable
- Learn about how to leverage team expertise for better outcomes
- Why trust is the foundation of any successful project and learn how to build trust on the jobsite
- Possibly use Marshmallow/spaghetti challenge as the setup activity. Or use EDU breakout kits.
- Build in Lessons Learned component

(Continued on page 13)

OCTOBER 2020 *(continued)*

■ Leadership Access Institute (LAI 2020/2021)

Session 3 - *October 15 / 7:30 am-4:30 pm*

Public Speaking consistently ranks as people's top fear; the number 2 fear is normally death, followed by spiders as number 3. Astoundingly, 75% of people suffer from "speech anxiety," but mastering this fear and getting comfortable speaking in public can be a great ego booster, and a huge benefit to your organization or the participant's career.

This session will provide the participant with valuable public speaking skills, including in-depth information on developing an engaging program and delivering your presentation with confidence and power. We will focus this program on three types of presentations:



- An informative speech provides an audience with new information, insights, or new ways of thinking about a topic.
- A persuasive speech is intended to influence the attitudes, beliefs, values, or acts of others.
- A special occasion speech also called a ceremonial speech, is prepared for a specific occasion and for a purpose dictated by that occasion.

■ PM/FL Mashup Program

Module #3: The COST Conundrum - *October 22 / 12:00-4:00 pm*

- The cost of an hour
- Use the cost of an hour of labor (field, staff, and PM) and apply to different impact scenarios.
- Understand the impact of nonproductive time on the project bottom line.
- Explore various productivity rates.
- Touch on the partnership approach to forecasting and why it's important.
- Build in lessons learned component and application
- The cost of a COVID type impact
- How to manage

(Continued on page 14)

COURSE DESCRIPTIONS

OCTOBER 2020 *(continued)*

■ PM/FL Mashup Program

Module #4: Schedule Impacts - *October 28 / 12:00-4:00 pm*

- Create key project schedule issues for both PMs and Foremen. Have them switch roles during class so they have to solve the scheduling issue from the reverse role perspective.
- Understand manpower impacts.
- Use an equipment lead time change for an example
- Have a significant engineering change that impacts the schedule.
- Build in lessons learned component

NOVEMBER 2020

■ PM/FL Mashup Program

Module #5: Value Engineering and Productivity

November 5 / 12:00-4:00 pm

- Value engineering impacts on schedule, cost, and manpower.
- How do you maintain or increase productivity when impacted by a significant engineering change?
- How do minimize impacts on what you have already installed.
- Making fabrication decisions
- Creating your project exit plan and how this is tied to productivity and profitability.
- Build in lessons learned component

■ Leadership Access Institute (LAI 2020/2021)

Session 4 - *November 10-11 / 7:30 am-4:30 pm*

Participant will present a 20-minute speech to fellow leadership students. Presentations will be in one of three formats: Informative, Persuasive, or Ceremonial

(Continued on page 15)

COURSE DESCRIPTIONS

NOVEMBER 2020 *(continued)*

■ **PM/FL Mashup Program**

Module #6: The Successful Project Negotiator

November 12 / 12:00-4:00 pm

- Negotiating techniques that are used in project scenarios
- Learn about BATNA
- Practice negotiating with each other to get positive outcome and improve the relationships
- Negotiate project contract, pricing, and field issues.

■ **Blueprint Reading**

November 17 / All Day

■ **PM/FL Mashup Program**

Module #7: Final Project Case Study

November 19 / 12:00-4:00 pm

- Put in teams of 2 or 4
- They have a series of project case studies or problems they must solve with the team.
- Use skills from each previous module
- Teams must present their solutions and best approaches



Lisa Austin is the founder of Austin Training Advisors, a Denver based corporate training company. She has been developing and delivering custom workshops for over 20 years with a special emphasis on customer service, employee engagement, and effective communication. Prior to opening The Service Factor, Lisa was a senior trainer for a large mutual fund company where she was instrumental at dealing with the challenges and frustrations faced in the fast changing business world. For the past 11 years she has been the lead trainer for elite HVAC companies across the country. She is a seasoned professional and her enthusiasm and energy make for a highly motivational and interactive workshop.



Richard Barnes is President of C. Richard Barnes & Associates, LLC, a labor relations consulting firm which provides representation, dispute resolution services, dispute resolution systems design, workforce training and development and leadership coaching to a cross-section of industry, labor, private, public and service organizations, both nationally and internationally. Throughout both public and private sectors, Richard is an internationally recognized mediator, facilitator, skills trainer and speaker.



Kurt Bocim is the Director of Operations for Tolin Mechanical Systems based in Denver, Colorado, and is currently serving as President of the board of MSCA Colorado. Kurt brings 34 years of management and leadership experience in the Mechanical Service Industry in a wide array of disciplines including; Service, Project and Facility Management; Service Maintenance and Project Sales; Branch Operations, Acquisitions and Integration; Labor Relations and Negotiation. Kurt has a passion for the mechanical service industry; especially its employees and clients and is a proponent of the Skilled Labor Trades.



Bob Brunson is currently the President of U.S. Engineering Metalworks, LLC and has been with U.S. Engineering Company for more than 40 years. After graduating with a bachelor's degree in mechanical engineering from Colorado State University, Bob played various operational roles including project manager, chief estimator, regional vice president and chief operating officer. Through much of his career Bob has been directly involved in contract negotiations, risk management strategies and claims on mechanical construction projects of all types and sizes. Bob understands the critical need for arming procurement and operations personnel with a working knowledge of contract law and methods of avoiding litigation.



Clay Daniels is president of US Engineering Service. Clay joined US Engineering in 2010 as a large construction project manager after serving more than 10 years in the Army and five years in special forces. He served as a project manager at US Engineering for 3 years before transitioning into his current position. Clay attended the United States Military Academy at West Point where he played varsity football and graduated in 2000. Clay holds an MBA from the Bloch School of Business at UMKC.



Dave Davia is a passionate leader with a diverse background in public and private organizations. He has a strong track record of accomplishments in strategic partnerships, government relations, process development, coalition building, business and legislative analysis, collective bargaining, public policy, and association management. Currently Dave Davia serves as the executive vice president of the Colorado Association of Mechanical and Plumbing Contractors.



Kevin Dougherty is the lead instructor for MSCA's Growing and Developing Service Supervisors course. Kevin has been a speaker in the construction industry for more than 20 years. He represents a changing industry — aggressive, realistic, and open-minded. Kevin's work experiences and education enable him to relate to today's problems and provide tangible solutions in an easy-to-listen-to style. He has taught thousands of people in various seminars. Kevin has served as a sales manager and corporate trainer for a multimillion-dollar mechanical contractor and specialty services contractor.



Greg Friess is a mechanical engineer, and holds his bachelor's degree in mechanical engineering from Cleveland State University. Greg brings 23 years of construction experience, ranging from sales, estimating, pre-construction, operations and project management. Most of his experience is related to work-acquisition, working with contractors, owners, engineers, and architects to provide solutions on large complex projects up to \$180 Million. Greg has led project teams, as well as estimating groups throughout his career — working in markets in Cleveland, Ohio, Tampa, Florida, and Denver, Colorado.



Leah Gutmann, owner of First Forward Consulting, specializes in a wide variety of training, program development, and consulting services including; communications, leadership, emotional intelligence, train-the-trainer, and finance. She has over 10 years of experience in the design, implementation and facilitation of educational programs, classes and seminars. Her 20-year career as a CFO and finance manager in the mechanical construction industry has given Leah the unique ability to offer training and consulting from a hands-on, in the trenches perspective.



Mike Harrington, P.E., Senior Application Engineer for CFM Company, has been in the HVAC industry for nearly 20 years. He has extensive industry experience in commercial and industrial control systems as an integration contractor, commissioning agent, specifying engineer, and equipment representative. Mike graduated from the Colorado School of Mines with a B.S. in Engineering with Mechanical Specialty and business economics minor. He is proficient with sequence of operations, the integration of equipment and multiple protocols. Mike is familiar working in hospitals, research, animal, and teaching laboratory facilities, the education market from K-12 through universities, and high rise office buildings across the continent. He served as the ASHRAE Rocky Mountain Chapter President 2015-2016, during his time in chapter leadership, the chapter was the first to surpass \$100,000 in research promotion collections.



Duane Kiefer joined U.S. Engineering Construction in the role of Mechanical Systems Coordinator after 20 years in the temperature controls industry. During that time, Duane worked his way up from programmer to technician and project manager and sales engineer. From start to finish, Duane works with preconstruction teams to ensure submittals and control sequences are produced in a manner that meets the needs of a project and ensures proper operation of the building automation system through start-up and commissioning. Duane received his Bachelor's Degree in Geological Engineering from the University of North Dakota, Grand Forks and attended the United States Naval Nuclear Power School.



Dan Klimek is the owner and principle of Klimek Consulting, an S-corporation which offers custom freelance safety, training and environmental services. Dan holds a BS degree in industrial education and a master's degree in industrial safety, both from the University of Minnesota. Over the years, Dan has worked with companies in several different industries on various projects such as safety program development and related safety training; field audits of work crews and conformance to work and safety standards; and workers' compensation claims review strategies.



John Koontz, MCAA's national director for project management and advanced supervisory education, brings a balance of academic and practical experience to his courses. A former tenured associate professor in Purdue University's Department of Building Construction Management, he served as Purdue's mechanical construction management coordinator. He has been teaching since 1992. Prior to this, he spent 15 years in the employment of MCAA contractors in a variety of positions including senior project manager, project manager, project engineer, and estimator. Professor Koontz is the director of the MCAA Institute for Project Management and Advanced Institute for Project Management at the University of Texas in Austin.



Matt Maurio Is a senior project manager with Murphy Company based in Denver, Colorado. He received a bachelor's degree in Construction Management from Colorado State University in 2009 and has been with Murphy Company since graduation. Matt has been through the MCAA Institute for Project Management and the MCAA Advanced Institute for Project Management in Austin, TX. As a senior project manager for the Quick Response team at Murphy Company Matt is involved in customer relations, sales, estimating, project pre-planning, subcontractor management, project documentation, project closeout, leading other project teams and direct project management.



John C. Marlow, PE, DBIA, LEED AP has worked in the mechanical contracting industry for over 25 years and is an associate vice president at U.S. Engineering Company. Throughout his career, John has worked in many aspects of the business including project management, estimating, and operations, to his most recent role in project development. John was an adjunct professor at Colorado State University teaching students in the construction management department about mechanical contracting (2007-2009) and has been a member of the MCAA Project Managers Education Committee since 2006.



Gary Meggison holds professional degrees in civil engineering and business administration from the University of Colorado, Denver. He has acquired an impressive list of professional credentials in the commercial construction industry, with well over 100 completed commercial, multi-family, institutional, industrial and health-care developments over the past 40 years. He is especially proficient in assignments involving program management, project development, financial planning and preconstruction services, contract negotiations, construction administration and quality control services.



Dennis Pettitt, is a volunteer adjunct professor at Colorado State University teaching mechanical project management and introduction into the mechanical industry. Dennis has 47 years experience in the mechanical industry working on and overseeing major projects throughout the United States. Some of the more notable projects include Potsdam University Music Complex, Walter Reed Hospital, launch pad 39B at Cape Canaveral, IBM class 10 clean room, Delco Electronics class 100 cleanroom, One Mellon Bank Center 64 story office building, UCI Cancer Clinic, Bronco's stadium and the Pepsi Center.



Sean Pettitt, LEED AP, is a senior estimator with Murphy Company based out of Denver, Colorado. He received a bachelor's degree in humanities from the University of Colorado, Boulder in 2002 and began his career in mechanical contracting in 2003. His professional focus is preconstruction and plumbing/HVAC estimating and has a background in project documentation, ISO 9000/9001, LEED documentation, operations, and project management.



Tom Poeling is the Director of Quality Assurance with U.S. Engineering Construction, and has over 25 years of industry experience with a background in energy efficiency and building commissioning. His passion to deliver high-performance buildings is manifest through the delivery of the company's quality assurance program. Tom is a Professional Engineer, a Certified Energy Manager and a Certified Commissioning Professional. In 2019, he will serve as President of the Building Commissioning Association, a nationwide trade organization with a mission to create functional and efficient buildings.



Jim Riddle, is a Project Manager with US Engineering in Westminster, Colorado. He has an Associate degree from Salt Lake Community College. Jim started his career in the mechanical industry in 1995 as an apprentice, and has worked in many different capacities from preconstruction to closeout on many different types of projects.



Ken Strickler has been working for EMCOR companies since 2001, holding positions from Project Engineer to CEO, and everything in between, joining Trautman & Shreve in 2016 as the COO. He holds a B.S. from Eastern Oregon University and an M.S. from Western Washington University. Ken provides a diverse background in mechanical contracting, leading companies in three different markets, involved with complex projects, ranging in size from a couple hundred dollars to contracts in excess of \$250 Million, within several industry sectors including government, public works, high-rise hospitality, industrial and commercial, along with others. Although well rounded in every aspect of mechanical contracting, Ken specializes in operations and project execution.

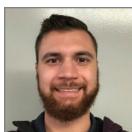


Bryan Taylor, joined the company in 1997 shortly after graduating from Colorado State University with a degree in mechanical engineering. He began as a Project Engineer in Colorado before advancing to Project Manager and Senior Project Manager. Bryan relocated to Kansas City in 2009 to assume his current role. A LEED® Accredited Professional, he oversees day-to-day management and direction of the Kansas City Construction division.

FACULTY



Bradley Vogt is vice president of the Murphy Company's Colorado operations group, where he has been employed for over 28 years. He holds a bachelor of science degree in mechanical engineering, and was an early graduate of the IPM in Austin, Texas. In addition to his current stint leading the operations group in Colorado for the past 6 years, his responsibilities have included piping design, project engineering, and a healthy dose of project management. His strong organizational and communication skills have enabled him to successfully lead teams on projects of virtually every size.



Ari Vrohidis graduated from Colorado School of Mines with a bachelor of science degree in petroleum engineering. He worked as a project engineer in the oil industry, specifically the construction of pipelines and facilities. He now works for US Engineering and has spent time as a project engineer working on hospitals. He is currently working in the project controls department and is responsible for the creation and utilization of schedules for US Engineering's Rocky Mountain Region.



www.rmmca.org/education