

RAISE THE ROOF on Ironworker Safety, Productivity

What is the SEAA/NCCER Ironworker Craft Training Program?

Curriculum

Three-level curriculum is competency and performance based and includes textbooks for Level 1, 2, 3 and Elective Modules.

Classroom and hands-on training of ironworking tools, welding, and equipment. Covers proper use of cranes, rigging, forklifts, survey equipment, and understanding trade drawings.

SEAA/NCCER Accredited Training Unit and/or Authorized Assessment Site

Member companies seeking to integrate Ironworker training as part of their business model benefit from becoming SEAA/NCCER accredited and authorized. Participation in the program means your company can provide Nationally Recognized Industry Credentials for Ironworkers, setting you apart from competitors as a quality employer, and helping you attract and retain the best craft professionals.

As a member of SEAA, you can participate under NCCER's Sponsorship of SEAA as an oversight organization, cutting your costs and administrative requirements as compared to going direct through NCCER.

Benefits for Members

- Flexible programs featuring SEAA Ironworker Certification, NCCER Ironworker Certification, Company Specific Modules, and Qualified Rigger/Signalperson Credentials
- SEAA oversight for NCCER Sponsorship of your company
- NCCER Training for your instructors, performance evaluators, and coordinators
- Administration support for managing trainee records and test completions
- Assistance with communicating and delivering training opportunities to SEAA members
- Connections to other business sponsors throughout the United States
- Access to SEAA's US DOL Approved Apprenticeship Program

Assessments

SEAA offers a complete series of journey-level written assessments through the National Craft Assessment and Certification Program (NCACP).

- Journey Level Assessment
- Training Prescriptions
- Certified Plus Credential



US DOL Approved Apprenticeship

SEAA's U.S. Department of Labor-approved Ironworker Apprenticeship Program allows members to create formal training that meets standards recognized by Federal and State governments. Participation allows merit shop contractors to utilize government approved apprenticeship rates on Davis Bacon Wage Projects.

- Build standardization and consistency in Ironworker craft training.
- Determine training needs and entry levels for apprentices.
- Design training prescriptions to fill gaps in knowledge and skills.
- Increase competitive pricing for all companies.



Become an authorized Training Unit and Assessment Site Today

NCCER, SEAA and You

Partners in Preparing Ironworkers for Today's Projects and Tomorrow's Challenges



How SEAA Members Can Get Started

1. Must be a member in good standing with SEAA.
2. Contact SEAA office to discuss your training goals and objectives.
3. Develop a plan for setting up your company as a Training Unit/Assessment Site.
4. Schedule 3 day training for administrators, instructors, evaluators, coordinators
 - Abbreviated ICTP for Admin/Performance Evaluators only
 - ICTP for Instructors/Performance Evaluators
 - Coordinator Training
 - Ironworker Assessment (written) *optional
5. Purchase Instructor and Trainee Guides
6. Implement assessment, training, documentation, and credentialing program
7. Work with individual state agencies to register apprenticeship program (optional)

More Info:

SEAA's Ironworker Craft Training and Assessment Coordinator
Tim Eldridge, President, Education Services Unlimited
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980-722-9373

SEAA Executive Director
Tom Underhill
tomunderhill@seaa.net
336-294-8880



Purchase SEAA Ironworker Craft Training Curriculum:

Visit [www.seaa.net /products](http://www.seaa.net/products) for pricing and order form or email admin@seaa.net

SEAA/NCCER Ironworker Craft Training Program

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Curriculum Materials

The SEAA Ironworker Craft Training Curriculum provides the foundation for overall Craft Training Program. All modules listed are included in the Trainee and/or Instructor Guides. Materials are available to SEAA members only.

101 – TG SEAA Ironworker Level 1 Trainee Guide

All of the modules listed below are included in the Level 1 Trainee Guide:

Trade Safety Tools and Equipment of the Trade	Introduction to the Trade
Introduction to Construction Math	Fastening
Rigging Equipment	Rigging Practices
Oxyfuel Cutting	Bar Joists and Girders
Plumbing, Aligning, and Guying	Structural Ironworking One
Mobile Construction Cranes	Introduction to Arc Welding
Trade Drawings	

Price: \$75.00

102 – TG SEAA Ironworker Level 2 Trainee Guide

All of the modules listed below are included in the Level 2 Trainee Guide:

Basic Safety	Trade Math
Basic Rigging	Basic Principles of Cranes
Structural Ironworking Two	Trade Drawings Two
Intermediate Rigging	Metal Decking
Survey Equipment Use and Care One	Steel Joists and Joist Girders

Price: \$100.00

103 – TG SEAA Ironworker Level 3 Trainee Guide

All of the modules listed below are included in the Level 3 Trainee Guide:

Applied Trade Math	Crane Safety
Forklifts	Communication
Position Arc Welding	Advanced Rigging
Structural Ironworking Three	Precast/Tilt-Up Erection
Grating and Checkered Plate	Air Carbon Arc Cutting and Gouging
Field Fabrication	Stud Welding

Price: \$125.00

104 – TG SEAA Ironworker Electives Trainee Guide

All of the modules listed below are included in the Electives Trainee Guide:

Introduction to Hand Tools	Introduction to Power Tools
Introduction to Construction Drawings	Basic Communication Skills
Basic Employability Skills	Introduction to Materials Handling
Miscellaneous/Ornamental Ironworking	Pre-Engineered Systems
Tower Cranes	Special Application Hoisting Devices
Weld Quality	Flux Core for Ironworking

Price: \$95.00

105 – AIG SEAA Ironworker Level 1 Annotated Instructor's Guide*

All of the modules listed below are included in the Level 1 Annotated Instructor's Guide:

Introduction to the Trade	Trade Safety
Tools and Equipment of the Trade	Introduction to Construction Math
Fastening	Rigging Equipment
Rigging Practices	Oxyfuel Cutting
Bar Joists and Girders	Plumbing, Aligning, and Guying
Structural Ironworking One	Mobile Construction Cranes
Introduction to Arc Welding	Trade Drawings One

Price: \$75.00

106 – AIG SEAA Ironworker Level 2 Annotated Instructor's Guide*

All of the modules listed below are included in the Level 2 Annotated Instructor's Guide:

Basic Safety	Trade Math
Basic Rigging	Basic Principles of Cranes
Structural Ironworking Two	Trade Drawings Two
Intermediate Rigging	Metal Decking
Survey Equipment Use and Care One	Steel Joists and Joist Girders

Price: \$100.00

107 – AIG SEAA Ironworker Level 3 Annotated Instructor's Guide*

All of the modules listed below are included in the Level 3 Annotated Instructor's Guide:

Applied Trade Math	Crane Safety
Forklifts	Communication
Position Arc Welding	Advanced Rigging
Structural Ironworking Three	Precast/Tilt-Up Erection
Grating and Checkered Plate	Air Carbon Arc Cutting and Gouging
Field Fabrication	Stud Welding

Price: \$125.00

108 – AIG SEAA Ironworker Electives Annotated Instructor's Guide*

All of the modules listed below are included in the Electives Annotated Instructor's Guide:

Introduction to Hand Tools	Introduction to Power Tools
Introduction to Construction Drawings	Basic Communication Skills
Basic Employability Skills	Introduction to Materials Handling
Miscellaneous/Ornamental Ironworking	Pre-Engineered Systems
Tower Cranes	Special Application Hoisting Devices
Weld Quality	Flux Core for Ironworking

Price: \$95.00

*Note: Annotated Instructor's Guides (Includes access code to download TestGen software, module exams and performance profile sheets from www.nccerirc.com)

Purchase Curriculum Materials: Steel Erectors Association of America • 336-294-8880 • admin@seaa.net

Become an authorized Training Unit and Assessment Site Today



STEEL ERECTORS ASSOCIATION OF AMERICA PRODUCT ORDER FORM

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	101 – TG SEAA Ironworker Level 1 Trainee Guide	\$75.00	
	102 – TG SEAA Ironworker Level 2 Trainee Guide	\$100.00	
	103 – TG SEAA Ironworker Level 3 Trainee Guide	\$125.00	
	104 – TG SEAA Ironworker Electives Trainee Guide	\$95.00	
	105 – AIG SEAA Ironworker Level 1 Annotated Instructor's Guide	\$75.00	
	106 – AIG SEAA Ironworker Level 2 Annotated Instructor's Guide	\$100.00	
	107 – AIG SEAA Ironworker Level 3 Annotated Instructor's Guide	\$125.00	
	108 – AIG SEAA Ironworker Electives Annotated Instructor's Guide	\$95.00	
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