

CORE CURRICULUM COURSES

- Architectural & Ornamental 1
- Architectural & Ornamental 2
- Comet Training
- Cranes
- Foreman Training
- History of the Ironworkers Union
- Introduction to Blue Print Reading
- Mathematics for Ironworkers
- Orientation for Ironworkers
- Pre-Engineered Metal Bld.
- Reinforcing for Ironworkers
- Rigging
- Scaffold User- E/D for Ironworkers
- Structural Steel Erection 1
- Structural Steel Erection 2
- Survival of the Fittest
- Subpart R Training
- Unbonded Post Tension
- Welding 1&2
- AWS Test/ DOT Prep & Intro to Wire FEED
- OSHA 10 Hr. Safety Training
- OSHA 30 Hr. Safety Training
- 1st AID / CPR Training

MIXED LOCAL UNION CORE CURRICULUM OUTLINE

Subject Area	Training Center Hours			Minimum Job Training Hours
	Total	Classroom	Shop	
Required Core Curriculum (509 hours)				
Orientation	8	8	0	
Introduction to Blueprint Reading	20	20	0	
Foreman Training for Ironworkers	24	24	0	
Welding	110	30	80	Refer to National Standards for Job Hours
Rigging and Cranes	80	40	40	
Structural Steel Erection (1 & 2)*	100	60	40	
Reinforcing Concrete	75	45	30	
Architectural & Ornamental Construction 1*	50	30	20	
<i>Core safety courses:</i>				
10-hour OSHA Training	10	10	0	
Scaffold User – E/D	16	12	4	
OSHA Sub-part R	8	8	0	
First Aid/CPR	8	8	0	
Courses Required under the Key Performance Indicators (KPIs)				
Survival of the Fittest	16	16	0	
COMET	8	8	0	
Supplemental to add to the Core Curriculum				
Architectural & Ornamental Construction 2*	50	30	20	Refer to National Standards for Job Hours
Pre-engineered Metal Buildings	45	15	30	
Bonded Post Tensioning	30	20	10	
Unbonded Post Tensioning	45	35	10	
Mathematics for Ironworkers	30	30	0	
History of the Ironworkers Union	34	34		
Layout Instruments for Ironworkers	20	10	10	
Conveyor Installation/Industrial Maintenance	36	36		
Hazardous Material Training	40	30	10	
Lead hazard Training for Ironworkers	32	24	8	
Mine Safety and Health Administration (MSHA) Training for Ironworkers	24	24		
Disaster Response Training for Ironworkers	16	16		
Precast Safety and Erection	30	20	10	
Fork lift	8	6	2	
OSHA 30-hour safety course	30	30		

* These courses are designed to be taught as one course or divided into two equal courses.