

About ArcelorMittal and Today's Steel Industry



As the world's largest steel company, ArcelorMittal is proud to be leading the Steelworker for the Future® program.

Overview

With approximately 230,000 employees in more than 60 countries worldwide, ArcelorMittal is the leader in all major global markets, including appliances, automotive, construction and packaging. ArcelorMittal is constantly growing and seeking qualified candidates.

In Northeast Ohio, ArcelorMittal Cleveland is one of the largest integrated steelmaking facilities in the United States and is recognized as one of the most productive mills in the world, producing one ton of steel for slightly more than one worker hour. It is among the most modern flat-rolled steel plants in North America, producing up to three million tons of steel annually. With more than 1,900 hardworking men and women employed at the facility, salaried personnel and skilled steelworkers represented by the United Steelworkers Local 979 focus on operational excellence, quality products and customer satisfaction to serve the automotive, appliance, service center and construction markets.

Core Values

Sustainability: ArcelorMittal's commitment to the world around us extends beyond the bottom line. ArcelorMittal invests in people, supports communities and strives to protect the environment in which it operates.

Quality: Quality outcomes depend on quality people. That is why ArcelorMittal seeks to attract and nurture the best people to deliver superior solutions to customers.

Leadership: ArcelorMittal is an entrepreneurial company. Its entrepreneurial spirit brought the company to the forefront of the steel industry.

About the Industry

This is not your grandfather's steel industry.

Steel is everywhere. It's in the cars we drive. It's in the buildings where we live and work. It's in the tools and equipment we use every day. Today's steel industry is exciting and globally competitive and in need of motivated, skilled people like you who are ready to help build the future of steel.

Today, steel is more sustainable than ever. Steel companies are investing in recycling, in cleaner technologies, and in a better future for both the local and global communities served.

To meet ever-increasing demand for high-quality products, steel companies have become more high-tech. As a result, today's steelworkers must be technically skilled and well trained. By forging strong partnerships with educational institutions, ArcelorMittal is able to offer lucrative and technologically advanced career opportunities.

The Steelworker for the Future® program is the perfect way to start your career in steel. If you're interested in a field that can offer you interesting and rewarding career opportunities, today's steel industry could be just what you're looking for.

Steelworker for the Future® represents the partnership of ArcelorMittal Cleveland, United Steelworkers Local 979 and Cuyahoga Community College.



www.tri-c.edu/steelworker



ArcelorMittal

Steelworker for the Future® Program



www.tri-c.edu/steelworker



A TRI-C® CENTER OF EXCELLENCE

The program empowers you in two ways: it pays you to earn a degree and it makes you employable upon graduation.

Requirements

- High school diploma (or equivalent)
- Pass college entrance exam or Performance Assessment Network evaluation
- Complete 15 core credits while maintaining a minimum 2.8/4.0 GPA to enroll
- Pass drug screening

Highlights

- Four semesters of classroom training
- Optional, on-site paid training at ArcelorMittal
- Apply what you learn in class and earn credit toward your degree
- Receive mentoring opportunities
- Earn wages to pay for your tuition

Outcomes

- Receive an Associate of Technical Studies Degree with an option in Electrical Technology or Mechanical Technology
- Gain the knowledge and practical experience you need to shape your own future
- Upon graduation, you could start at ArcelorMittal earning over \$20 per hour with attractive vacation time, medical benefits, a 401(k) plan and profit sharing

Information

Angilique Cole
216-987-3064
angilique.cole@tri-c.edu



Cuyahoga Community College's Manufacturing Technology Center of Excellence has partnered with ArcelorMittal, the world's leading steel and mining company, to develop the next generation of the steel industry's workforce. Training is targeted toward high-tech, well-paying job specialties in electrical and mechanical technology.

Associate in Technical Studies Degree

- Electrical technology option
- Mechanical technology option

Program Highlights

- Two-and-a-half year cooperative work-study with a world-class corporation
- Up to 16 weeks of on-site, paid training at ArcelorMittal
- Eligible graduates may be hired based on operating conditions at the time of graduation

Steelworker for the Future® – Career Outlook

Job opportunities exist locally and nationally.

ArcelorMittal Placement

- Program participants are eligible for paid internships
- Many graduates have been hired into permanent positions with ArcelorMittal

Job Responsibilities for Graduates

- Perform the functions necessary to maintain all operations and service equipment using standard and specialized tools and equipment
- Make repairs as required in connection with their service
- Operate equipment in conjunction with repairs and provide assistance in operating functions as necessary to keep equipment running
- May work alone, with minimal supervision, or with other technicians
- Coordinate and work in conjunction with operating and service technicians in the performance of maintenance tasks

Opportunities

- With further education and experience, there are numerous career opportunities within the company and manufacturing industry
- Career options include roles as electrical engineers, mechanical engineers, metallurgical engineers and operations supervisors

Training Site

Cuyahoga Community College
Unified Technologies Center
2415 Woodland Avenue
Cleveland, OH 44115

Steelworker for the Future® – Curriculum

Associate of Technical Studies - Electrical Technology Option

63 Total Credits

First Semester

Course Number	Course Title	Credits
Math 1530	College Algebra	4
EET 1161	Direct Current Circuits	3
ISET 1300	Mechanical/Electrical Print Reading	2
MET 1100	Technology Orientation	2
ENG 1010	College Composition I	3
ISET 1310	Mechanical Power Transmission	2

Second Semester

Course Number	Course Title	Credits
EET 1241	Digital Fundamentals	3
ISET 1410	Applied Electricity	3
ISET 2200*	Industrial Motor Control	3
ISET 2500*	PLC Maintenance I	3
ISET 2510*	PLC Maintenance II	2
EET 1210*	AC Electric Currents	3

Third Semester

Course Number	Course Title	Credits
ISET 2220	Fundamentals of Electronics and Instrumentation	3
EET 2111	Industrial Electronics 1	3
PHYS 1210	College Physics I	4
HLTH 1230	Standard First Aid and Personal Safety	1
SPCH 1000	Fundamentals of Interpersonal Communication	3

Fourth Semester

Course Number	Course Title	Credits
BADM 1050	Professional Success Strategy	3
ENG 2151	Technical Writing	3
PHYS 1220	College Physics II	4
ISET 2990	Reliability Centered Maintenance	3
IT 1010	Introduction to Microcomputer Applications	3

Students may be eligible for paid internships at ArcelorMittal after completing their first and third semesters.

Associate of Technical Studies - Mechanical Technology Option

64 Total Credits

First Semester

Course Number	Course Title	Credits
MATH 1530	College Algebra	4
MET 1100	Technology Orientation	2
ISET 1100	Welding Blueprint Reading	2
ISET 1300	Mechanical/Electrical Print Reading	2
ISET 1310	Mechanical Power Transmission	2
MET 1300	Engineering Materials and Metallurgy	3

Second Semester

Course Number	Course Title	Credits
ENG 1010	College Composition I	3
ISET 1320	Fundamentals of Power Fluid	2
HLTH 1230	Standard First Aid and Personal Safety	1
ISET 2100	MIG Welding	4
ISET 1410	Applied Electricity I	3
MET 1240	Machine Tools and Manufacturing Processes	3

Third Semester

Course Number	Course Title	Credits
ISET 2120	STICK Welding	4
ISET 1340	Industrial Piping and Tubing	2
PHYS 1210	College Physics I	4
MET 2400	Statistical Quality Control	3
SPCH 1000	Fundamentals of Interpersonal Communication	3

Fourth Semester

Course Number	Course Title	Credits
ENG 2151	Technical Writing	3
PHYS 1220	College Physics II	4
ISET 2990	Reliability Centered Maintenance	3
IT 1010	Introduction to Microcomputer Applications	3
ISET 2130	Oxyfuel Welding	4

Please note: Course and program information subject to change. Visit the website (www.tri-c.edu/steelworker) for the most up-to-date information.