

LOCAL PARTNERSHIPS

To meet their business needs for qualified instrumentation and maintenance technicians, a partnership between Joliet Junior College and area manufacturers have been formed. The courses, the content and the hands-on experiences were selected by the local employers to ensure that coursework “completers” will be the best readied workforce available.

These partners include:

- AkzoNobel
- Americas Styrenics
- Apollo Colors
- Aux Sable Liquid Products
- CITGO Petroleum Lemont Refinery
- Diageo
- Diversified CPC International
- Dow Chemical Company
- Exelon Generation
- ExxonMobil Joliet Refinery
- Flint Hills Resources
- IMTT
- IOI Loders Croklaan
- Johns Manville
- LyondellBasell Industries
- Midwest Generation
- MKD Electric
- Oxbow Midwest Calcining
- Pactiv Corporation
- PQ Corporation
- Reichhold, Inc.
- Rhodia
- Stepan Company
- Styrolution
- Toyal America



PAID Apprentice Internships are available for highly qualified candidates. Requirements to apply for a limited number of internships:

- Successfully complete a minimum of 16 credits from the list of courses on the previous page
- Achieve a post-secondary GPA of 3.0 or better
- Submit an application and resume
- Participate in an interview
- Pass a pre-employment alcohol and drug test and participate in a random test program
- Pass a background check



NOTE: Each participating interning company may have additional specific testing and requirements

(Coursework requirement may be waived for returning Veterans whose Military Occupation Code (MOC) demonstrate equivalent work experience)



Three Rivers Manufacturers' Association

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 PHONE 815-774-6070 www.trma.org

**– NOW –
HIRING**

Do YOU:

- *Have the “smarts” to solve technical problems?*
- *Like doing hands-on work?*
- *Want to have a PAID internship within 1 year?*
- *Want to have career within 2 years?*
- *Want to be earning between \$60,000 and \$85,000 in 3 years?*

**BECOME AN
INSTRUMENT
OR
MAINTENANCE
TECHNICIAN!**



Instrumentation & Industrial Maintenance Coursework

Students electing the Instrumentation coursework will develop a background in pneumatic, process and electronic control systems. Students electing the Industrial Maintenance area will acquire skills related to Industrial Equipment, Fluid Power and Piping Systems.



Additionally, each series of classes can be applied towards a future certificate program or towards earning an Associates degree at Joliet Junior College (JJC).

The training and knowledge acquired in these courses will equip successful students with the basic skills needed to qualify for some of the best career opportunities

available in Will County and the surrounding area. Entry level technicians can expect to earn \$60,000+ per year with overtime, and experienced personnel average over \$85,000 per year, with excellent benefits.

Currently, local companies are expecting to see a significant turnover due to retirement and attrition.

The companies listed in partnership with Three River Manufacturers' Association and Joliet Junior College recognize the value of the coursework and successful completion is beneficial in the application review process.

Internships: This is a one year paid position for those who meet the qualifications and have successfully completed the coursework for Instrumentation or Industrial Maintenance. This internship is an opportunity to integrate the knowledge and theory learned in the classroom with practical application and skill development in a professional setting. Working side by side with experienced employees, interns will be involved in real projects and be given significant, meaningful work to perform. This program does not guarantee employment, however many interns do receive job offers from their respective company, for more information e-mail TMRA at info@trma.org.

INSTRUMENTATION COURSEWORK

Covers the principles of pneumatic and electronic controls to gain a functional knowledge in the maintenance and repair of common instrumentation and control loops.

JJC's courses are listed below, however other similar coursework will be considered:

- EEAS 111 - Industrial Controls I
- EEAS 113 - Industrial Controls II
- EEAS 215 - Process Control and Instrumentation
- PCIT 111 - Pneumatic Measurement and Control
- PCIT 113 - Electronic Measurement and Control

Apply for the yearlong hands-on learning



experience / internship with a partner company.

INDUSTRIAL MAINTENANCE COURSEWORK

Coursework selected to build the technical knowledge and skills needed to repair and maintain industrial machinery and equipment such as pumps, motors, pneumatic tools, conveyor systems, production machinery, refinery, and pipeline-distribution systems.

JJC's courses are listed below, however other similar coursework will be considered:

- IMT 101 - Industrial Maintenance Fundamentals
- IMT 111 - Industrial Equipment I
- IMT 112 - Industrial Equipment II
- IMT 121 - Industrial Fluid Power

Apply for the yearlong hands-on learning experience / internship with a partner company.

Already have the coursework or are a veteran with related military work experience?
For more information go to: www.trma.org/trma/internship_programs.htm

EARN WHILE YOU LEARN...

