

OAKLAND COMMUNITY COLLEGE



September 30, 2013

Dear Educator:

Your students are invited to build their future at Michigan's premiere construction career education event. Michigan Construction Career Days 2014 (MICCD) will be held on **Thursday, May 8 and Friday, May 9, 2014** at the **Operating Engineers 324 Training and Education Center in Howell, Michigan.**

MICCD is a construction career exploration open to **ALL** Michigan 7th-12th grade students. With a tested blend of construction education, training and career information booths, hands-on activities and hands-on equipment operation, MICCD provides Michigan's young people the chance to see, feel and experience construction work up-close using real tools, equipment and materials, while standing side-by-side with actual construction professionals.

While MICCD is a fantastic opportunity for your students to explore all that the construction industry can offer them as a future career, it must be noted that **this event is not only open to those students interested in construction careers, but ALL students exploring career options.** With these high skilled, high paying construction jobs, it is important that our industry reach out to all students especially those that excel in math, science, and English. It has long been a misconception that construction is only for those who can not or do not excel at traditional educational and career opportunities. **In reality, that could not be farther from the truth!** We **want** young people that are interested in learning, are trainable and college ready. Construction is a very demanding, fast-paced and safety-driven business. With that said, it can also be a very rewarding career for those that accept those challenges, demands and changes. Attached is some information describing the construction industry sectors and occupations that may be found throughout the MICCD 2014 event. We hope that you will take the time to review it and share it with your colleagues and administrators when deciding which students will attend from your school.

Send in your completed School Registration Form (enclosed) or pre-register at www.MichiganCCD.com to reserve spots for your students today!

— The 2014 MICCD Advisory Committee

For Questions, please contact:

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OAKLAND COMMUNITY COLLEGE®

Construction Management

The Four Primary Construction Industry Sectors



Residential Construction

- Single Family homes
- Small Apartment and condominium buildings
- New construction and renovation



Commercial Construction

- Office Buildings
- Restaurants
- Retail
- Hospitals
- Schools
- Churches
- Prisons & other governmental institutions/buildings
- New and renovation construction.
- Sports complexes.



Industrial Construction

- Manufacturing
- Warehouses
- Power Plants
- Water & Sewage Treatment plants
- Oil Refineries
- New and renovation construction



Heavy Highway/Civil Construction

- Roads
- Bridges
- Underground Utilities/
Infrastructure
 - Water
 - Sewage
 - Electric
 - Gas
 - Storm drains
 - Phone
 - Data

Various Construction Career Pathways

- Carpenter
- Electrician
- Plumber
- HVAC
- Ironworker
- Painter/Plasterers/Drywall
- Concrete Finsher
- Mason/Tiling
- Pipefitters
- Life Safety/Security
- Roofing
- Surveyor
- Operating Engineers

Skilled Trades
(Apprenticeship Training Programs)

- Executive Management/owner
- Project Manager
- Superintendent
- Assistant Project Manager
- Project Engineer
- Contract Administrator
- Scheduler
- Estimator
- Marketing
- Sales

Management
(College Degree Required)

- Lumber yards
- Material Supply Manufacturers
- Material Supply Warehouses/Retail
- Concrete Batch Plants
- Construction Material Testing (Civil)
- Asphalt Plants
- Tool Manufacturers/Sales
- Site Surveyor/Building Layout

Specialties
(College Degree and/or Training)

Design Professions
College Degree Required)

- Architect
- Engineer
- Interior Designer
- Landscape Architecture
- Mechanical Engineer
- Electrical Engineer
- Civil Engineer
- CAD/BIM Operator