



## EMPLOYMENT OPPORTUNITY: Part-time Faculty: Civil Engineering

An HLC-AQIP accredited institution, Lakeland Community College is one of Ohio's premier two-year colleges, offering more than 150 degree and certificate programs to prepare students for a high-demand career or transfer to a four-year university. We are located within 25 miles of world-class activities in the Cleveland area. The college attracts over 13,000 credit students annually, yet we maintain an average student-to-faculty ratio of 17:1. Courses are offered at a variety of days and times as well as online. Lakeland opened the Holden University Center in fall, 2011. This state-of-the-art facility provides students with convenient access to complete a bachelor's or graduate degree from a variety of leading colleges and universities, all close to home. Read more at: <http://www.lakelandcc.edu/web/about/lakeland>.



### SPRING SEMESTER JANUARY 14 – MAY 13, 2017 PART-TIME FACULTY: CIVIL ENGINEERING

Instructors needed for one or multiple of the following courses:

#### **COURSE DESCRIPTION**

##### **CIVT 1016 - Civil Drafting (5 contact hours: 2 lecture, 3 lab)**

This course introduces the fundamentals of light commercial and civil drafting. Students will develop skills in the use of AutoCAD as a drafting instrument in the drawing of orthographic, section, auxiliary, oblique, and pictorial views. The course emphasizes engineering and construction document organization and will use details from civil industry as it applies to sanitary and bridge projects for drafting exercises. The course also introduces students to computer aided design (CAD) through the use of AutoCAD application software. Topics include the use of units, prototype development, computer drawing tools, dimensioning, and printing options

##### **CIVT 2016 - Scheduling/Building Info Modeling (5 contact hours: 2 lecture, 3 lab)**

This course introduces the types and methods of construction scheduling including the relationship of scheduling as it applies to constructors, designers and owners. Instruction includes the uses and applications of Building Information Modeling (BIM) and it's applications to the construction procedure. Students will examine various construction management tasks, phases of a construction project and the fundamental principles required for managing construction projects effectively. Students will also use computer software to enhance problem solving in scheduling.

**QUALIFICATIONS:** **Required:** High School diploma with additional specialized technical training equivalent to a technical Associate's degree, and experience using: AutoCAD basic; Revit and project scheduling software such as Microsoft Project; with work experience in the Civil Engineering, Architectural, Construction/Structural fields or Construction Management. **Preferred:** A bachelor's degree in Engineering.

**COMPENSATION:** Part-time faculty earn \$769/unit of load

**APPLICATION PROCESS:** Submit a completed college employment application\* and part-time faculty addendum\*, resume, and letter of introduction indicating your interest in the courses. Send required materials via e-mail to [HRJobs@lakelandcc.edu](mailto:HRJobs@lakelandcc.edu) or via regular mail to: Human Resources Department, Lakeland Community College, 7700 Clocktower Dr., Kirtland, Ohio 44094.

\*Both of these documents are available on our website at: <http://www.lakelandcc.edu/positions>.

*Lakeland Community College is an equal access and equal opportunity employer. We have a strong commitment to the principle of diversity and, in that spirit, seek a broad spectrum of candidates including women, minorities, people with disabilities and people over 40. Under-represented groups are encouraged to apply. If your disability requires special accommodations to participate in the application/interview process, contact the Human Resources Office at 440-525-7575.*