

Instructor-HVAC Building Management and Maintenance Erie Community College

Direct Link: <https://www.AcademicKeys.com/r?job=119269>

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Posted Feb. 5, 2019, expired Jun. 7, 2019

Job Title	Instructor-HVAC Building Management and Maintenance
Department	
Institution	Erie Community College Buffalo, New York
Date Posted	Feb. 5, 2019
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Lecturer/Instructor
Academic Field(s)	Vocational/Technical
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Apply By Email

Job Description

Department:

Dean of Engineering and Technologies

Salary/Hourly

\$42,448.00 Annual

Union/Position Status:

FFECC Teaching FT

Posting Closing Date:

February 16, 2019

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JOB DESCRIPTION

Position Title: Instructor - HVAC Building Management & Maintenance

Union: FFECC

Job Group: 9

DISTINGUISHING FEATURES OF THE CLASS_:_

Faculty teach department courses and evaluate student performance pursuant to guidelines set by the department and the College. Faculty report to the Department Chair within the Academic Unit. Faculty are responsible for preparing lessons and student learning activities. Faculty must maintain accurate records on students and submit pertinent data to the department and/or the College.

TYPICAL WORK ACTIVITIES_:_

- * Demonstrates appropriate knowledge of Facilities Management, HVAC'R.
- * Provides students with appropriate learning materials and expertise in assigned subject(s); heating system, refrigeration, air-conditioning as well as general knowledge of building systems.
- * Prepares course syllabi and laboratory activities as well;
- * Aligns learning activities with Departmental competencies and course outcomes; Evaluates student's performance based on industry standards
- * Assists students as faculty advisor and holds office hours;
- * Provides tutorial help to students;
- * Serves on departmental, unit, and college committees;
- * Provides as appropriate learning environment for students in classroom, laboratory and offsite locations
- * Respond to students and provide students with assistance and guidance;
- * Responsible for contributing to and maintaining an inclusive and collaborative College environment;
- * Adheres to all College policies and follow the process as outlined in the Student Code of Conduct;
- * Fulfills all duties as required in the FFECC Collective Bargaining Agreement.

KNOWLEDGE, SKILLS AND ABILITIES:

The incumbent candidate will possess a working knowledge of facilities management procedures and specialization in the area of HVAC'R. To instruct courses in the area of HVAC'R, candidates must possess a universal certification in refrigerant transition and recovery (608). A high level of knowledge of building construction methods, electrical systems, HVAC systems and their interaction with the building occupants. Candidate must also possess a thorough knowledge of both residential and commercial heating systems. The candidate must also demonstrate the ability to troubleshoot various

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systems using diagnostic tools, installation methods, operational considerations and review applicable codes. Candidates should possess a minimum of 3 years teaching experience and the ability to use multi-media as well as the traditional lecture demonstration while incorporating appropriate laboratory assignments. Stationary Engineer, City of Buffalo Licensing 1st Class or Chief preferred.

MINIMUM QUALIFICATIONS:

Equivalency...

AAS in Mechanical Engineering Technology, HVAC'R or Construction Related Fields with approved NYS Journeyman Certification and 6 years of teaching experience.

A. 30 hours of advanced study in area of specialization and satisfactory evaluation of professional responsibilities or appropriate Master's Degree;

Or

B. A professional certificate and satisfactory evaluation of professional responsibilities;

Or

C. Journeyman status in his/her profession determined by the application of equivalencies in the individual academic unit and satisfactory evaluation of professional responsibilities. See equivalencies below*

QUALIFICATIONS:

Bachelor's Degree in Industrial Technology, Career and Technology Education, Architecture, Construction Management, Vocational Occupational education, Mechanical Technology or Electrical Technology. A Master's degree is preferred; trades related certificate or equivalent will be reviewed. Related degrees as appropriate, or other related disciplines as determined by committee. Prefer BS and MS degrees in field with experience.

SPECIAL REQUIREMENTS:

Experience in teaching at the College level or Trades School of 3 years or more.

**EQUIVALENCIES*:

Equivalency of experience and significant professional achievement in lieu of the Baccalaureate (128 semester credit hours) or additional semester credit hours.

1.

APPLICABLE WORK EXPERIENCE: Each year of full-time experience related to the Academic Discipline is equivalent to five (5) semester credit hours.

2.

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APPLICABLE NON-COLLEGE TEACHING: Each year of full-time experience is equivalent to five (5) semester credit hours.

3.

APPLICABLE COLLEGE TEACHING: Each year of full-time experience is equivalent to six (6) semester credit hours. Every five (5) part-time contact hours is equivalent to one (1) semester credit hour.

4.

JOURNEYMAN CERTIFICATION: The typical journeyman certification eligibility program requires four (4) years of full-time, progressive on-the-job training plus four (4) years of concurrent formal scholastic training at the rate of 36 weeks per year with four (4) hours of class work per week and six (6) hours of outside preparation per week. Each year of required full-time preparation (2000 on-the-job plus 360 total related) is equivalent to 13 semester credit hours, and each year of subsequent full-time practice is equivalent to five (5) semester credit hours.

5.

PROFESSIONAL LICENSURE: The typical professional licensure eligibility program requires two (2) years of formal scholastic training at the rate of 30 weeks per year with 18 or 22 hours of class work per week and 26 to 30 hours of outside preparation per week, or 1440 hours of professionally supervised laboratory and/or clinical work experience. Each year of required full-time preparation (1440 hours total) is equivalent to 32 semester credit hours, and each year of subsequent full-time practice is equivalent to five (5) semester credit hours.

6.

PROFESSIONAL ENGINEERING LICENSURE: The typical engineering licensure eligibility program requires the baccalaureate in engineering plus four (4) years of applicable work experience, or twelve (12) years of applicable work experience plus intensive and extensive self-study. The professional engineering licensure received after the baccalaureate is equivalent to 20 additional semester credit hours, and each year of subsequent full-time practice is equivalent to five (5) semester credit hours. The professional engineering licensure received without the baccalaureate is equivalent to 96 semester credit hours, and each year of subsequent full-time practice is equivalent to five (5) semester credit hours. (The first 36 credit hours earned before the licensure may not be counted as additional semester credit hours, but semester credit hours earned after the licensure may be counted as additional semester credit hours.)

Please attach unofficial transcripts with your application. Official transcripts will be required for successful candidates within 30 days of hire.

Our mission to offer quality education includes exposing our students to a diverse range of cultures, experiences and expertise. At Erie Community College, we value diversity and encourage applicants from all backgrounds to apply.



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Contact Human Resources at (716) 270-1840 with any questions.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact