Employment Opportunity

Engineering Technology/Engineering Instructor
CR05-44 (Temporary, part-time assignments)

Apply by: Wednesday, November 30, 2005 at 4:00 p.m.

About the Program
The Engineering Program is a transfer program offering the lower-division engineering curriculum that prepares students for transfer with full junior standing to four-year engineering universities in California and across the United States. The Engineering Technology program is an occupational program offering curriculum in electromechanical and civil/architectural design and drafting with heavy emphasis on computer-aided drafting (CAD). The Engineering Technology program also provides training, retraining, certification, licensing, and continuing education for both engineering technicians and professional engineers in the local industry. Cabrillo College is the only community college in the tri-county area (Santa Cruz, Monterey and San Benito) that offers a complete engineering transfer and engineering technology program.

Example of Teaching Assignments
Candidates interested in either or both of the assignments described below are encouraged to apply.

Duties and Responsibilities for ETech 130/Engr 26 (Pro/Engineer course) include:
Teach and coordinate Engr 26 (Solid Modeling)/ETech 130 (Introduction to Pro/Engineer). This assignment utilizes a “combined course” format, which means that both courses will be taught simultaneously by one instructor. This format is warranted given the fact that the respective objectives for each course overlap significantly. Students may enroll in either course depending on their individual goals. Engr 26/ETech 130 will be offered during the Spring 2006 semester (February 6 – June 2, 2006) on Monday evening, 6:00 - 10:10 pm at Cabrillo’s campus in Aptos, CA.

Duties and Responsibilities for ETech 24 (AutoCAD) include:
Teach and coordinate ETech 24, Introduction to AutoCAD. This is an introductory AutoCAD course which does not require the student to have prior CAD knowledge – it is considered a foundation course that will lead to advanced AutoCAD study. ETech 24 will be offered during the Spring 2006 semester (February 6 – June 2, 2006) on Wednesday evening, 6:00 - 10:10 pm at Cabrillo’s campus in Aptos, CA.
Teaching Environment:
The classroom utilized by both of the above courses is a thirty station computer classroom. Lectures include instructor demonstrations of necessary computer techniques and should be interwoven with student practice using the classroom’s PC’s. Students are expected to spend additional time working independently in Cabrillo’s open-access computer lab.

Qualifications Required:

1. Meet state minimum qualifications for any one of the following: Engineering, Engineering Technology or Drafting, OR equivalent OR possess a lifetime California Community College Instructor credential in Engineering or Engineering Technology. (Refer to attachment as it relates to state minimum qualifications and equivalency).
2. Knowledge of and commitment to teaching strategies and methods, which enhance student success at community colleges.
3. Effective oral and written communication skills.
4. Demonstrated ability to teach the courses or perform the duties effectively as described above (a teaching demonstration may be part of the interview).
5. Ability to communicate well with students of diverse academic, ethnic, socioeconomic, and cultural backgrounds, including students with disabilities.
6. Ability to work cooperatively with others.

Desirable:

1. Expertise, gained through training and/or experience, using Pro/Engineer or AutoCAD.
2. Minimum of two years full-time experience in industry as an engineer or engineering technician using Pro/Engineer.
3. Formal teaching experience in the subject area.

Please Note: To ensure an accurate evaluation of your application materials, please submit information regarding your education, experience, knowledge and abilities as they relate to the qualifications listed.

Starting Date
Assignment(s) scheduled to begin Spring semester 2006, pending funding and administrative approval.

Salary
$939 - $1,441 per teaching unit, per semester, depending on education and experience. Cabrillo College provides a doctoral stipend of $63 per unit for eligible adjunct faculty. One to two classes; up to 6.5 teaching units per semester; assignments may be at various campus locations; days, evenings, and/or weekends.

How to Apply
Application forms may be obtained through the Human Resources web site: http://www.cabrillo.edu/services/hr/apps/index.html OR at the office location noted below:

Cabrillo College, Human Resources Department
6500 Soquel Drive, Aptos, CA 95003
Phone: (831) 479-6217
Fax: (831) 477-3545

E-mail transmittals and postmarks are not accepted.
*EACH APPLICANT MUST SUBMIT:

1) Completed and signed Cabrillo College application.
2) Job-related resume.
3) One to three recent job-related letters of recommendation which address the candidate's ability to perform the duties of this position.
4) Verification of educational qualifications *(Foreign transcripts must be translated to determine equivalency to U.S. standards. Any fee for such translation is paid by the applicant):*
   - Transcripts from all colleges attended (copies are acceptable) OR official proof of request for transcripts. If selected, it is the responsibility of the candidate to provide official transcripts, diplomas, degrees or other documents as required.
   - Copy of Teaching Credential, front and back (if applicable).
5) Supplemental Application for Equivalency Determination. *(This is only necessary if candidate does not possess and submit proof of specified degrees listed in minimum qualifications OR possess and submit copy of a valid lifetime credential).*
6) Criminal History Inquiry Supplemental application form.

*If any of the above materials are not submitted with your application packet, your materials will be deemed incomplete and will not be forwarded to the committee for screening.

Please notify the Human Resources Department if you require any special accommodation(s) in meeting these requirements.

**Selection Procedure**

A search committee will review application materials. On the basis of appraisal of qualifications as documented by application materials submitted, the search committee will invite applicants for interview. If the candidate does NOT possess an applicable community college credential or the specific degree(s) listed on the next page under "State Minimum Qualifications," then he/she MUST provide evidence of equivalency as described under "Equivalency Requirements." An eligibility pool may be established.

Candidates selected for employment with Cabrillo College must agree to be fingerprinted and cleared, provide current tuberculosis test results, provide proof of eligibility for employment in the United States and present their Social Security card upon hire.

**Application Deadline**

All application materials MUST be received in the Human Resources Department by: Wednesday, November 30, 2005 by 4:00 p.m. *(E-mail transmittals and postmarks are not accepted).*

*Cabrillo College seeks applications from all qualified individuals. It is the continuing goal of Cabrillo College to hire and retain staff that reflect the rich diversity and cultural heritage of the college district and its student body.*
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State Minimum Qualifications and Equivalency Requirements (whichever is applicable)

Applicants must meet one of the following minimum qualifications.

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<th>State Minimum Qualifications</th>
<th>Engineering:</th>
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<td>Master's in any field of engineering OR</td>
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<td>Bachelor's in any of the above AND Master's in mathematics, physics, computer science, chemistry, or geology OR</td>
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<td>The equivalent</td>
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<td>(NOTE: A Bachelor’s in any field of engineering with a professional engineer’s license is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)</td>
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OR

Engineering Technology:
Master's in any field of engineering technology or engineering OR
Bachelor's degree in either of the above AND master's degree in physics, mathematics, computer science, biological science, or chemistry, OR
Bachelor's degree in industrial technology, engineering technology or engineering AND a professional engineer's license OR
The equivalent

OR

Drafting:
Bachelor's degree or higher in any field AND
Two years of professional experience directly related to the faculty member’s assignment OR
Associates’ degree in any field AND
six years of professional experience directly related to the faculty member's assignment OR
the equivalent.

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<th>Equivalency Requirements</th>
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<td>Equivalency to an academic degree shall include the same depth of knowledge in the discipline and breadth of general education that is required for the degree to meet the minimum qualifications. Equivalent preparation for employment shall be considered under any one category or any combination of the categories listed below:</td>
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<tr>
<td>a) Degree in related field with equivalent course work in the required discipline as indicated by transcripts and/or thesis subject.</td>
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<td>b) Equivalent degrees from foreign universities (as determined by an agency selected by Cabrillo College).</td>
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<td>c) Course work at an accredited institution of higher education AND state-approved continuing education units applicable for maintaining licensure AND/OR an internship for licensure AND/OR equivalent professional or work experience AND/OR equivalent verifiable accomplishments of eminence in the discipline including but not limited to: publications, research, seminars, creative works, professional performances or exhibitions, honors or awards.</td>
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