

The UAF Faculty Senate passed the following at Meeting #176 on September 12, 2011:

MOTION:

The UAF Faculty Senate moves to approve the Unit Criteria for the College of Engineering and Mines.

EFFECTIVE: Fall 2011
 Upon Chancellor Approval

RATIONALE: The committee assessed the unit criteria submitted by the College of Engineering and Mines. Revisions were agreed upon by the department representatives and the Unit Criteria Committee, and the unit criteria were found to be consistent with UAF guidelines.

Catherine J. Cahill 9/12/11
President, UAF Faculty Senate Date

APPROVAL:  DATE: 9/12/11
 Chancellor's Office

DISAPPROVED: _____ DATE: _____

Chancellor's Office

CHAPTER I

Purview

The University of Alaska Fairbanks document, "Faculty Appointment and Evaluation Revisions" supplements the Board of Regents (BOR) policies and describes the purpose

D. Process for Appointment of Faculty with Special Academic Rank

Deans and/or directors, in conjunction with the faculty in a unit, shall establish procedures for advertisement, review, and selection of candidates to fill any faculty

Bipartite Faculty

Bipartite faculty are regular academic rank faculty who fill positions that are designated as performing two of the three parts of the university's mission.

responsibility.

The dean or director of the department will be responsible for the selection of the faculty.

- e. demonstrate content mastery, discuss current information and divergent points of view, relate topics to other disciplines, deliver material at the appropriate level;
- f. regularly develop new courses, workshops and seminars and use a variety of methods of instructional delivery and instructional design; ***INCLUDING THE DEVELOPMENT OF DISTILLED KNOWLEDGE (FOR EXAMPLE: BOOKS, SOFTWARE, DOCUMENTATION) FOR STUDENT USE;***
- g. may receive prizes and awards for excellence in teaching.
- h. ***DISSEMINATE NEW IDEAS TO THE STUDENTS RESULTING FROM RESEARCH AND***

REVIEW PANEL;

- i. ***INVOLVE STUDENTS, ESPECIALLY GRADUATE STUDENTS, IN QUALITY RESEARCH ACTIVITIES;***

SPECIFIC CEM CRITERIA FOR TEACHING PERFORMANCE BEFORE PROMOTION/TENURE OR APPOINTMENT TO:

I. ASSISTANT PROFESSOR: EVIDENCE OF TEACHING ABILITY AND A COMMITMENT TO A QUALITY TEACHING PROGRAM MUST BE PROVIDED, AS WELL AS EVIDENCE OF AN EFFORT TOWARD CONTINUAL IMPROVEMENT.

II. ASSOCIATE PROFESSOR: THE RECORD MUST SHOW THAT THE MATERIAL TAUGHT

2. Components of Evaluation

Effectiveness in teaching will be evaluated through information on formal and informal teaching, course and curriculum material, recruiting and advising, training/guiding graduate students, etc., provided by:

- a. systematic student ratings i.e. student opinion of instruction summary forms.

- b. narrative self-evaluation.

- c. peer/department chair classroom observation(s),

- d. peer/department chair evaluation of course materials.

C. Criteria for Research, Scholarly, and Creative Activity

- b. Competitive grants and contracts to finance the development of ideas, these grants and contracts being subject to rigorous peer review and approval.

Presentation of research papers before learned societies that accept papers

only after rigorous review and approval by peers.

- d. Exhibitions of art *AND ENGINEERING* work, *SCIENTIFIC VISUALIZATIONS AND COMPUTER ANIMATIONS* at galleries, *CONFERENCES AND MUSEUMS, WHERE* selection for these exhibitions *IS* being based on rigorous review and approval by juries, recognized artists, or critics.
- e. Performances in recitals or productions, selection for these performances being based on stringent auditions and approval by appropriate judges.

APPROPRIATE SCIENCE OR ENGINEERING INDEXES, WHERE APPLICABLE) AND PRESENTED RESEARCH RESULTS AT PROFESSIONAL MEETINGS . PAPERS IN

PROCEEDINGS OF CONFERENCES KNOWN FOR RIGOROUS PEER-REVIEW AND DOCUMENTED LOW ACCEPTANCE RATES MAY BE CONSIDERED AS SUPPLEMENTAL PUBLICATIONS, WHERE APPLICABLE. THE SUBMISSION OF RESEARCH PROPOSALS AND ACQUISITION OF EXTERNAL RESEARCH FUNDING, THE COMPLETION OF CONTRACT RESEARCH REPORTS, AND PUBLICATION IN CONFERENCE PROCEEDINGS CONSTITUTE SUPPLEMENTARY EVIDENCE THAT THE RESEARCH PROGRAM IS OF HIGH QUALITY. SUSTAINED PRODUCTIVITY MUST BE SHOWN WITH ADEQUATE EVIDENCE OF RESEARCH ACTIVITIES AND PUBLICATIONS SINCE INITIAL APPOINTMENT, WITH THE CANDIDATE TAKING A LEADING ROLE IN RESEARCH AND PUBLICATIONS. THE

FACULTY MEMBER MUST ALSO SHOW INDEPENDENCE AND LEADERSHIP BY THE CREATION OF RESEARCH IDEAS RESULTING IN JOURNAL AND CONFERENCE PUBLICATIONS THAT INVOLVE STUDENTS.

III. PROFESSOR: THE RESEARCH PROGRAM SHOULD HAVE PRODUCED A SUFFICIENT NUMBER OF PEER-REVIEWED JOURNAL ARTICLES (PREFERABLY INDEXED IN SCI, EI AND OTHER APPROPRIATE SCIENCE OR ENGINEERING INDEXES WHERE

systematic activity that involves planning with clientele and delivery of information on a continuing, programmatic basis. It may also be informal.

other activities in furtherance of the goals and mission of the university and its units. Such service may occur on a periodic or limited-term basis. Examples

- a. Providing information services to adults or youth.

- d. Participation in accreditation reviews.
- e. Service on collective bargaining unit committees or elected office.
- f. Service in support of student organizations and activities.
- g. Academic support services such as library and museum programs.
- h. Assisting other faculty or units with curriculum planning and delivery of

I. ASSISTANT PROFESSOR: EVIDENCE OF A COMMITMENT TO CONTRIBUTE TO THE SERVICE MISSION OF THE COLLEGE.

II. ASSOCIATE PROFESSOR: POSITIVE CONTRIBUTIONS TO DEPARTMENTAL AND/OR

UNIVERSITY MATTERS, EFFECTIVE PROFESSIONAL CONTRIBUTIONS TO THE PUBLIC, AND/OR EFFECTIVE SERVICES TO THE PROFESSION ARE EXPECTED.

III. PROFESSOR: EVIDENCE OF LEADERSHIP IN THE SERVICE AREA IS EXPECTED. SIGNIFICANT CONTRIBUTIONS TO THE DEVELOPMENT OF DEPARTMENTAL AND/OR UNIVERSITY PROGRAMS INCLUDING COMMITTEE LEADERSHIP OR USE FACULTY

SENATE SERVICE AND ASSOCIATED COMMITTEES ARE EXPECTED. EFFECTIVE APPLICATION OF SERVICE INCLUDES PROFESSIONAL EXPERTISE PROVIDED TO

PROFESSIONAL OR PUBLIC ORGANIZATIONS SUCH AS ENGINEERING SOCIETY LEADERSHIP, REVIEWING PROPOSALS, REFEREEING MANUSCRIPTS, AND EDITING FOR PROFESSIONAL ORGANIZATIONS OR PUBLICATIONS.

EXAMPLES OF SERVICE ACTIVITIES APPROPRIATE FOR FACULTY IN ENGINEERING INCLUDE (BUT ARE NOT LIMITED TO):

- a. K-12 AND/OR INFORMAL ENGINEERING EDUCATION;**
- b. PRESENTATION OF ENGINEERING TO THE PUBLIC.**

A unit choosing to develop discipline specific criteria, standards and indices shall

have such criteria, standards and indices approved by a majority of the discipline

faculty. The unit criteria, standards and indices will be reviewed and approved by the cognizant dean who will forward the unit criteria, standards and indices to the provost. The provost will review for consistency with BOR and UAF policies and will forward these criteria, standards and indices to the Faculty Senate, which shall review and approve all discipline-specific criteria according to a process established by the Faculty Senate.

Unit criteria, standards and indices will be reviewed at least every five (5) years by the faculty of the unit. When reorganization results in a unit's placement in another college/school structure, the cognizant dean, in consultation with the unit faculty, shall review unit criteria, standards and indices and revise if warranted. Unit criteria

- a) All tenured faculty at UAF shall be evaluated once every three years according to a schedule and process announced by the Provost.
- b) For tenured faculty with joint appointments, the cognizant dean will arrange a review that assures that all appropriate administrators provide a written