

**BYLAWS OF THE DEPARTMENT OF CIVIL AND
ENVIRONMENTAL ENGINEERING**

PREAMBLE

To provide the basis whereby the faculty may achieve its goals of education, research, and public service, the Department of Civil and Environmental Engineering (hereafter referred to as "Department") at The University of Tennessee, Knoxville, agrees to govern itself according to these bylaws.

These bylaws are intended to facilitate the internal operation of the Department and shall not supersede any existing University of Tennessee regulations, University of Tennessee Senate Bylaws, or the current University of Tennessee Faculty Handbook.

**ARTICLE I
THE DEPARTMENT**

A. The Faculty

Membership of the faculty of the Department of Civil and Environmental Engineering shall consist of all persons holding Departmental appointments as Teaching Associates, Instructors, Lecturers, Assistant Professors, Associate Professors, Professors, Emeritus faculty, Research Professors of any rank, and those holding joint faculty appointments with the Department.

B. Voting Members

1. Voting membership of the Department shall consist of two groups as noted in the following. (1) All faculty members who currently hold tenure or tenure-track positions in the Department, including full-time persons on joint appointments with the Department and some other research, administrative, or teaching department, or office within the University shall enjoy full voting membership in the Department. (2) Except when the University Faculty Handbook specifically identifies those eligible to vote on a particular issue in a way that excludes lecturers, or they are excluded by the provisions of or issues related to Article III of these bylaws, full-time lecturers will be regarded as voting members of the Department.
2. Faculty members appointed to part-time non-tenure-track positions in the Department shall be regarded as non-voting members of the Departmental faculty.
3. Faculty members who are on full or part-time leaves of absence (or reduced-time) shall enjoy the voting status that would be available to them were they not on leave.

4. Proxy votes will be accepted but must be submitted in writing to the Department Head in advance of the meeting.

C. Meetings

1. Departmental meetings shall be held at least twice per semester during the academic year. Additional meetings may be called by the Department Head or at the written request of twenty-five percent of the faculty. One-half the voting membership of the faculty shall constitute a quorum. A simple majority of those present shall decide an issue. A current list of eligible voting faculty shall be maintained in the Departmental office.
2. The Department Head shall serve as chairperson of Departmental meetings, except as delegated by him/her. Meetings shall be conducted in accordance with Robert's Rules of Order. Minutes of the meetings and reports submitted to the faculty shall be kept on file in the Departmental office and made available to the faculty upon request.

D. Agenda

1. The initial agenda for regular Departmental meetings shall be prepared by the Department Head. Items may be suggested by the faculty and, at the discretion of the Department Head, be added to the agenda for the meeting. Alternately, items may be placed on the agenda by written petition of twenty-five percent of the voting faculty. Items which require a faculty vote shall be distributed to the faculty prior to the meeting.
2. In addition, agenda items may originate in Departmental committees.
3. Under exceptional circumstances, these requirements may be waived.

E. Recording Secretary

The Department Head shall appoint a faculty or staff member to act as the Department's Recording Secretary. The Recording Secretary shall keep minutes of Departmental meetings, and shall distribute those minutes among the faculty.

F. Functions

The Department shall receive a report each academic year from each active Departmental committee and shall have the right to review the work of these committees. The approval of the Faculty shall be required for all major academic policy decisions -- including new Departmental and inter-departmental programs and substantive revisions of existing programs -- that may be submitted to it by the appropriate committee or faculty members. The Faculty shall also have the power to initiate such proposals. All decisions shall be by majority vote of the voting members present at the meeting except as noted in Article VI below.

G. Graduate Committees

All graduate committees, master's or doctoral, will be chaired or co-chaired by a tenured or tenure-track member of the faculty. In the case of doctoral committees, the chair must maintain current approval status by the University's Graduate Council to direct doctoral dissertation. Former faculty members holding courtesy appointments may continue to chair/co-chair the committees of their own students who remain at UT after the faculty members' departure for a period of one year. The time may be extended beyond one year under appropriate circumstances as determined by the department head in consultation with the faculty.

ARTICLE II COMMITTEES OF THE DEPARTMENT

A. Standing Committees

The following standing committees shall be established to aid the Faculty in the execution of its academic and related responsibilities. Except where noted otherwise, the following rules shall hold. The Department Head shall appoint members of each committee and its chairperson and either the Head or an Associate Head shall be a member ex-officio of all standing committees. Each committee shall have a minimum of three faculty members, and the typical tenure of all but ex-officio members shall be three years. Exceptions to the three-year tenure rule will be made in cases where special expertise or interest suggests that longer tenures either as committee member or chair are in the best interests of the Department. Regular appointment or election as specified herein shall take place by the beginning of the Fall Semester, and terms shall begin at the start of the academic year. Each standing committee shall inform the Department of its substantive decisions and recommendations. The standing committee chairperson shall be responsible for maintaining a file of minutes of committee meetings.

1. **Curriculum and Instruction Committee**

This committee shall be responsible for seeking ways to improve the undergraduate and graduate curricula. It shall also be responsible for seeking ways to recognize and emphasize teaching effectiveness and classroom commitment. The committee shall propose and/or review curriculum recommendations, including new undergraduate and graduate course proposals coming from individual faculty members.

2. **Awards and Recognition Committee**

This committee shall be responsible for awarding the scholarships within the Department's responsibility. It shall also be aware of the College's and University's award programs and solicit and forward appropriate nominations.

3. **Assessment Committee**

This committee shall be responsible for assessing the Department's

performance towards meeting its education mission. The committee shall develop an assessment methodology, collect and analyze results, report findings, and make recommendations to the Department faculty.

4. **Design Committee**

This committee shall be responsible for monitoring and making recommendations regarding the integration of design throughout the curriculum as it leads to the culminating design experience in the senior design course. The committee shall be responsible for coordinating the senior design course; maintaining the catalog description; recommending software, computer-related hardware, reference library, and textbook needs; establishing instructor rotation schedule and course deliverables; ensuring course continuity among rotating instructors and graduate assistants; maintaining term-to-term quality control standards; and keeping the departmental faculty informed about the course activities.

5. **Strategic Planning Committee**

This committee shall be responsible for the continual review of the Department's Strategic Plan and accompanying Individual Performance Expectations Document. Both documents shall be approved by two-thirds of the voting members of the Faculty.

The Strategic Plan shall set a vision for the direction of the Department over a five-year period and be continually updated to reflect the evolving goals, objectives, and strategies to reach that vision. The Strategic Plan shall be comprehensively re-evaluated every five years.

The Individual Performance Expectations Document shall provide individual expectations toward faculty to meet the minimum expectations for rank across Teaching, Research, and Service categories. This document shall include necessary criteria supporting the Strategic Plan that should be used, in part, for individual annual evaluations. The Individual Performance Expectations Document shall be comprehensively re-evaluated within one year after faculty approval of the Strategic Plan and one time during the mid-term of the Strategic Plan (i.e., every 2-3 years).

6. **Bylaws Committee**

This committee shall be responsible for maintaining and revising Department Bylaws, which reflect the shared governance spirit and guide the operations of the Department.

The committee shall submit changes and amendments to the Bylaws it deems advisable to the Faculty to be approved according to the process of Article VII.

7. **Health and Safety Committee**

This committee shall be responsible for disseminating, maintaining, and revising the laboratory and field safety manuals, providing guidance for safety inspections, informing the faculty of safety training opportunities for students and faculty, and providing a liaison to the Department of Environmental Health and Safety. The overarching goal of this committee is to help provide a safe and healthy working environment for the

undergraduates, graduate students, staff, and faculty and instilling in everyone in the Department a “Safety First” attitude for all that we do.

B. Other Committees

1. University and College of Engineering Committees

Faculty of this Department will be recommended by the Department Head to serve on appropriate University and College committees to represent the interest and position of the Department and provide information to the Faculty. Some of these assignments include College Promotion and Tenure Committees, Library Representative, and so on.

2. Public Works

This committee shall be responsible for screening applicants for the graduate program in Public Works and for maintaining an appropriate graduate curriculum in this area.

3. Ad Hoc Committees

The Department Head may appoint ad hoc committees as the need arises. The responsibilities and membership of these committees shall be established at the time of their creation.

ARTICLE III ADVANCEMENT OF FACULTY

A. Tenure Track Faculty

1. Peer Teaching Review

Peer teaching reviews will be conducted consistent with current guidelines for the College of Engineering, with the additional requirement of an interview of the students after the instructor leaves the class. On one of the class visits all three members will attend. Approximately twenty minutes before that class ends, the instructor will leave the room, and the committee will engage in dialogue with the class members.

2. Promotion and Tenure Decisions

For a faculty member seeking promotion and/or tenure, two committees to advise the Department Head will be formed. The committee to consider promotion will include all faculty members who have tenure and equal or higher rank than that to which the faculty member is seeking promotion. A separate committee to consider tenure will consist of all faculty members with tenure. Each committee will be provided the promotion and/or tenure supporting materials as submitted by the candidate and Department Head. The Department Head, or the tenured full professor designated by the Department Head, will convene each committee for the purpose of debate and discussion of the candidate’s record. A vote will be taken by secret ballot, and the Department Head will designate a tenured full professor to provide a summary of faculty opinion expressed during the meeting along

with a report of the vote of the committee. This report for each candidate will be included in the candidate's dossier. The Department Head will write his/her own recommendation letter to be included in the dossier. This dossier will then be forwarded to the Dean and to the College Committee on Promotion and Tenure. A majority of votes for tenure by the faculty will constitute a positive recommendation by the faculty for tenure. The deliberations of the committees and of the Department Head will be guided by the current version of the "Guidelines for the Tenure and Promotion Process" for the College of Engineering.

Two years prior to the year that a faculty member must be considered for tenure, the candidate will prepare a pre-tenure package for review by the tenure committee. This package will contain all of the same type of information required for the final package, which is to be submitted two years after the review. The pre-tenure review package will include a letter from the faculty member's mentor. The package will not include outside references, but potential outside references will be identified. Based on this package the tenure committee will conduct a preliminary review to evaluate the strengths and weaknesses of the candidate's case for tenure. The committee will report their findings to the department head who may then provide guidance to the candidate. The pre-tenure package will be appropriately updated for final submission two years later.

3. **Emeritus Status**

When a tenured professor who is a member of the faculty in good standing retires, he or she is eligible to be granted Emeritus Status. The Department Head, or a member of the faculty chosen by the Head, will make a brief presentation of the retiree's application for Emeritus Status. To be granted this status, the voting members of the faculty who are tenured must approve his or her request by a majority vote.

B. Lecturers

1. **Lecturer Promotion**

Three position levels appertain to the Lecturer position: Lecturer, Senior Lecturer, and Distinguished Lecturer. Before a candidate is put forward for promotion, at least one peer teaching review will be conducted by a faculty committee consistent with that described for tenure-track faculty. For a lecturer seeking promotion, a committee consisting of all tenured faculty members in the Department will be formed to advise the Department Head. The committee will be provided supporting materials as submitted by the candidate and Department Head. The Head, or the tenured full professor designated by the Head, will convene the committee for purposes of debate and discussion of the candidate's record. A vote will be taken by secret ballot, and the Head will designate a tenured full professor to provide a summary of faculty opinion expressed at the meeting, along with a vote of the committee. This summary will be included, along with the separate recommendation letter of the Head, in the candidate's dossier to be forwarded to the Dean of Engineering. The dossier prepared by the candidate will be consistent with the supplement to the latest version of "Guidelines

for the Tenure and Promotion Review Process, UT College of Engineering,” approved by the College. The committee and Department Head will be guided by the guidelines in that document. Timing of the application for promotion will be determined through discussion between the candidate and the Department Head and will be similar to the progression of tenure-track faculty, with the expectation of the first cumulative evaluation, associated with promotion to Senior Lecturer, to occur no later than five years from the starting date as a Lecturer

ARTICLE IV RECOMMENDATIONS FOR NEW APPOINTMENTS

When opportunities for new faculty appointments arise, the Department Head or delegated representative shall oversee the organization of ad hoc committees to engage in the screening and interviewing process designed to establish a pool of candidates for the position. All searches will be conducted in a way consistent with The University of Tennessee Faculty Handbook.

The Department Head or delegated representative shall also have responsibility for overseeing the advertising of position vacancies, the processing of position applications, the arranging and scheduling of interviews, and the keeping of all records necessary for the recruitment appointment of new faculty members, all in keeping with the letter, spirit, and intent of Equal Employment Opportunity and Affirmative Action procedures at The University of Tennessee.

ARTICLE V PERSONNEL MATTERS

The Department Head shall, each year, review the teaching, research, thesis supervision, committee assignments, salary, and rank of each faculty member of the Department. Based on the cumulative reviews, consistent with the established Performance Expectations document under the custodianship of the Strategic Planning Committee, the Department Head will make appropriate decisions regarding individual performance and merit raises, when available.

Formal recommendation in matters concerning reappointment, promotion, and tenure shall follow the guidelines of The University of Tennessee Faculty Handbook and the Department’s Performance Expectation document.

In the case of joint appointments, the Department Head must give formal approval before an offer is made. The Department Head shall make such personnel recommendations after consultation with members of the Faculty. Research Professor appointments, including term of appointment, compensation, and performance expectations, will be addressed on a case-by-case basis, consistent with departmental needs and available money. Also, Joint Faculty appointments will be addressed on a case-by-case basis, consistent with Departmental needs.

The Departmental policy on outside compensation shall be consistent with the policy stated in the Faculty Handbook.

If College or Departmental Bylaws are not appropriately followed, a faculty member has the right to file a grievance consistent with policies stated in the current University Faculty Handbook

ARTICLE VI DEPARTMENT HEAD

The Department Head is appointed to a five-year term and serves at the will of the Dean of Engineering. Annual evaluations may be provided by individual faculty members as requested by the Dean, consistent with guidelines in the Faculty Handbook.

ARTICLE VII AMENDMENTS

A vote of two-thirds of the voting members of the Department shall be required to amend these bylaws. Any proposed amendments to the bylaws shall be circulated to the Faculty no less than ten days before the meeting at which they are introduced.

Approved by the Civil and Environmental Engineering Faculty
August 1989

Amended October 29, 1991
Amended April 28, 1992
Amended March 9, 1999
Amended December 8, 2000
Amended April 19, 2005
Amended October 4, 2005
Amended March 7, 2006
Amended February 16, 2010
Amended February 21, 2012
Amended September 18, 2012
Amended March 31, 2015
Amended October 20, 2014
Amended January 17, 2017
Amended May 1, 2017

Definition of “Meets Expectations for Rank”

An objective definition for tenure-line faculty performance expectations is needed to ensure fair and rational evaluation of faculty. It is important to define the minimum performance criteria to achieve ratings of “Meets Expectations for Rank” due to implications that falling below this performance rating can have on retention, award of tenure, promotion, improvement plans, and the cumulative performance review processes. The strategic planning committee indicated that a supporting document that sets faculty expectation metrics would need to be developed to accompany the strategic plan. This document describes those expectations.

Performance Evaluations of “Meets Expectations for Rank” has different implications to faculty members at various stages of their careers. Prior to award of tenure, an annual performance evaluation of “Meets Expectations for Rank” indicates that the activities and performance of the faculty member are on track, and if continued, can be expected to lead to tenure at the end of the probationary period. After tenure, annual performance evaluation ratings below “Meets Expectation for Rank” may trigger the need for an improvement plan and/or cumulative performance review.

The criteria for “Meets Expectations for Rank” represents the baseline faculty performance expectations, but these performance criteria are not sufficiently high to maintain historical departmental performance levels or lead to improvements in metrics benchmarked against aspirational peer institutions. The intention is to allow variation in emphasis in workload and performance among individual faculty members such that all may contribute to the overall mission of the department according to their strengths. Associate Professors who consistently perform at or slightly above the minimum criteria for “Meets Expectation for Rank” may not progress toward promotion in the normal time frame (five years), even if they are not subject to improvement plans or cumulative performance review processes¹. Furthermore, in order to qualify for faculty awards, merit raises, and bonuses through the faculty incentive plan, levels of performance that significantly exceed the minimum criteria for “Meets Expectation for Rank” are normally required.

Performance criteria are evaluated on a 3-year moving average during the annual review process. Multiple performance criteria are considered for each category of faculty responsibility (Teaching, Research, and Service). Faculty members who fail to meet expectations for one performance criteria may still receive a rating of “Meets Expectation for Rank” for the category as a whole by exceeding minimum standards in other criteria within that category. Faculty members of all ranks who have held their UTK appointment for less than 3 years are considered to be in a “start-up” mode during which it is understood that their activities may be ramping up to expected levels for rank.

¹ The question of whether associate professors who are not progressing toward promotion should be retained in the long term has been a topic of discussion at UTK and in academe for many years. Worthy arguments exist on both sides of the question. It is not the intention to resolve or address this question here. Rather this document is intended to define the minimum level of expectation for faculty at various ranks. The culture of the department has been to support, encourage, and expect faculty to progress toward promotion to the rank of Professor.

DEFINITIONS:

Teaching

Course credit hours. The rationale for this criterion is that it is approximately equal to the teaching load needed to satisfy the department's teaching mission. Faculty may be assigned reduced teaching loads during early year(s) of appointment, through course buyouts, assigned administrative duties, or other departmental assignments, in which case the reduced course load is considered to meet expectations.

THEC (Tennessee Higher Education Commission) course Equivalent². This criterion is included primarily to recognize the increased workload associated with larger classes while also recognizing that class sizes at the graduate level tend to be smaller than at the UG level. Across all course offerings in CEE, the average class has a THEC equivalent load of 1.5. If a faculty member has been assigned a reduced teaching load (<9 course credit hours) an adjustment to the faculty members THEC Course Equivalents can be made at a rate of 0.5 THEC courses per Course Credit Hour (CCH)³.

End of Course evaluation average across all scores. The average of all questions in End of Course evaluation.

Peer Teaching Review. Latest peer teaching review, if available, should be satisfactory or better. If significant weaknesses were identified, an improvement plan must be formulated and implemented, pending re-review.

Other Indicators of Quality in Teaching Performance. Teaching awards, teaching innovations, participating in delivery of distance education, awards earned by students. This list is not exhaustive.

Research

PhD Student Advising. Number of PhD students advised as major professor. Co-advised students count as ½ of a student.

PhD Student Graduation. Number of PhD students graduated who you advised as major professor. Co-advised students count as ½ of a student.

MS Student Graduation. Number of MS students graduated who you advised as major professor. Co-advised students count as ½ of a student. The difference in faculty effort to mentor thesis students compared to non-thesis students will be recognized.

² THEC course equivalents = $UG_SCH/54 + 5xx_SCH/30 + 6xx_SCH/12$ where UG_SCH, 5xx_SCH, and 6xx_SCH are student credit hours at the undergraduate, Masters, and PhD levels, respectively.

³ Example: A faculty member has bought out of a course and is teaching 6 CCH during the academic year. For the 2 courses they are teaching, the THEC equivalent load is 1.6. An adjustment of 1.5 THEC equivalent courses is added to their earned CCH to account for the reduced teaching load, resulting in a final THEC load of 3.1.

Undergraduate Research Mentoring. Number of students mentored in research. Student presentations and publications co-authored by students provide evidence of quality.

External Research Expenditures. Expenditures as reported to the faculty member from the CEE Business Manager.

Total Recovery. Total Recovery is the sum of the departmental share of RIF and academic year faculty salary recovery. Faculty members qualify for charging summer salary to research projects after clearing a minimum departmental threshold.

Refereed Publications indexed by SCI. Number of journal articles authored or co-authored and published in SCI journals.

Conference Presentations and Proceedings. Includes non-indexed publications, conference presentations, poster presentations, etc.

Other Indicators of Quality in Research Performance. Evidence of a high H-index in comparison to faculty in the same sub-discipline with similar experience levels in peer institutions, research awards and internal and external collaborations. This list is not exhaustive.

Service

Number of undergraduate students mentored. Undergraduate student mentoring will occur in conjunction with Sophomore-, Junior-, and Senior-level required courses. During those courses, students will be assigned faculty mentors and be required to meet with them annually. Instructors for those courses will evaluate student engagement with mentors.

Institutional service on departmental, college or university committees⁴. Serving on committees serving the University of Tennessee at all levels of the institution.

Serving as a referee for journal publications. Providing peer-review service for journals.

Service to professional organizations. Engagement with professional organizations, including, but not limited to serving in leadership roles or participating in service activities.

Broader impacts activities: Assistant professors after their second year of appointment are expected to participate in activity that builds a track record related to NSF broader impacts. Faculty members at higher ranks may evaluate whether such activities are beneficial to supporting their research funding profile.

Other Indicators of Quality in Service. Chairing committees, mentoring student organizations, institutional administrative responsibilities, national leadership positions, ABET program reviewer,

⁴ The level of effort involved in various institutional committee assignments varies widely and can be difficult to quantify. Workloads associated with institutional service can be evaluated by the department head and those significantly exceeding normal can be acknowledged with ratings of “exceeds expectation for rank” or “far exceeds expectation for rank”.

journal editor, conference organization, K-12 STEM engagement, and professionally related service to the community. This list is not exhaustive.

Summary of Expectations (Approved 8/16/2016, Revised 8/15/2017)

Activity	Assistant	Associate	Full
Annual Course Credit Hours (before special assignments or course buyout)	9	9	9
Annual THEC Equivalent Courses	3	3	3
SCH-weighted End of Course Evaluation scores (averaged across all categories)	3	3	3
Most Recent Peer Teaching Review	Satisfactory or improvement plan	Satisfactory or improvement plan	If required, satisfactory or improvement plan
PhD student advising	1	2	3
PhD student graduates per year	At least one student should be at least ABD by end of probationary period	0.33	0.5
MS graduates per year	Beneficial	Beneficial	Beneficial
Undergraduate Research	Beneficial	Beneficial	Beneficial
Annual External Research Expenditures (expressed as a multiplier of median per-faculty funding at 16-32 ranked peer institutions)	On track for \$0.5M in expenditures and awards by end of probationary period	0.5 (\$155K)	0.75 (\$235K)
Total Recovery (effective after 2 years at UTK)	On track for 10%	10%	10%
Refereed Journal Publications	2	2	2
Conference Presentations and Proceedings	Beneficial	Beneficial	Beneficial
UG Students Mentoring after 3 years at UTK. S= students; F = faculty	0.6 * S/F	0.6 * S/F	0.6 * S/F
Institutional Service Assignments	1	2	2
Review Journal papers	5	5	5
Service to Professional Organizations	1	1	1
NSF Broader Impact Activities	1	--	--