

FACULTY
PERFORMANCE GUIDELINES

Department of Engineering and Industrial Professions
Approved January 11, 2024

TENURE AND PROMOTION GUIDELINES APPLICABLE TO ALL CASE FACULTY

(Approved February 1, 2012; Title Amended September 25, 2017; Updated September 1, 2020; approved by College Chairs, September 29, 2020; updated to reflect college name change and department number June 11, 2021; updated to include all schools January 30, 2024)

All college and departmental guidelines are intended to provide guidance to faculty members seeking to meet the University's criteria for tenure and promotion set forth in the *Faculty Handbook*, Section 2.6. All faculty members should familiarize themselves with those principles, which govern the processes and standards for all departments and colleges of the University. This document is intended to provide clarity to the appropriate sections of the *Faculty Handbook*.

As UNA's largest and most diverse college, the College of Arts, Sciences, and Engineering is composed of the School of the Arts, the School of Humanities and Social Sciences, and the School of Natural Sciences, Engineering, and Mathematics, encompassing more than twenty-five disciplines. Methods of demonstrating professional performance may vary with the traditions and goals of distinct disciplines. Teaching methods vary, as do the forms of scholarly or artistic performance, but all tenure-track faculty members are expected to demonstrate a pattern of sustained cumulative accomplishment in teaching, scholarly or creative performance, and service.

All faculty members in the College of Arts, Sciences, and Engineering should recognize the following common expectations:

Teaching is a foundational professional function of faculty members at the University of North Alabama. A record of demonstrable success in teaching, as a UNA faculty member, is expected of every successful applicant for tenure and/or promotion in the College of Arts, Sciences, and Engineering.

Scholarship and creative accomplishment are essential to the academic profession. Every successful candidate for tenure and/or promotion is expected to provide convincing evidence of a pattern of scholarly or creative accomplishment appropriate to his or her discipline during the period of employment at UNA. Scholarship should include research or other forms of intellectual discovery made available to professional peers through publication and/or presentation beyond this university and the local area. For those in the performing or visual arts, creative activity should include performances, presentations, or exhibitions for audiences beyond the local area. Peer review or review by qualified critics is a proper consideration in the assessment of both scholarship and creative performance. Departments may consider professional consulting as an appropriate form of scholarship if the results of the consultation are made available to a professional audience beyond the proprietary interests.

Service is an indispensable element in the professional performance of each UNA faculty member. The operation of a university is dependent on services provided by its faculty members beyond their classrooms, laboratories, and studios. Applicants for tenure and/or promotion are expected to present a record of effective service to the University, the community, and the profession during their period of employment at UNA.

While previous accomplishments will be recognized, special consideration will be given to accomplishments during the period of employment at UNA and since the faculty member's last promotion. In evaluating teaching, scholarly or creative performance, and service, it is appropriate to consider both the quality and the extent of each element. Especially in scholarly and creative performance, there are recognized hierarchies of organizations, journals, publishers, forms of dissemination, and venues for performance or exhibition in each discipline. It is appropriate to take into account the professional recognition of the instrument or venue through which scholarship or creative performance is presented.

More specific interpretation is provided by departmental guidelines. Faculty members are invited to discuss questions or concerns in advance of application for tenure or promotion with the department chair, tenured members of the department, and the dean.

Criteria for Professor Merit:

Those seeking Professor Merit after five years in or in the fifth year of the rank of Professor should demonstrate ongoing, excellent, and significant activity over the past five years in the areas of teaching, research/creative activity, and service.

For teaching, self-assessment, chair evaluations, peer review, and student evaluations should reflect effective teaching, syllabi should contain appropriate student learning outcomes with effective assessments that match the learning outcomes, and there should be evidence that the candidate continues to be abreast of recent developments or activity in the field during the past five years.

For research/creative activity, there should be documented and ongoing evidence of a national and/or international presence in venues deemed by their department to be of appropriate and high quality in the discipline during the past five years.

For service, there should be evidence of continued service at the department, college, and university levels as well as an indication of professional service during the past five years.

Criteria for Senior Lecturer:

Those seeking Senior Lecturer after five years in or in the fifth year of the rank of Lecturer should demonstrate ongoing, excellent, and significant activity over the past five years in the areas of teaching and service.

For teaching, self-assessment, chair evaluations, peer review, and student evaluations should reflect effective teaching, syllabi should contain appropriate student learning outcomes with effective assessments that match the learning outcomes, and there should be evidence that the candidate continues to be abreast of recent developments or activity in the field during the past five years.

For service, there should be evidence of continued service at the department, college, and university levels as well as an indication of professional service during the past five years.

COLLEGE OF ARTS, SCIENCES, and ENGINEERING
DEPARTMENT OF ENGINEERING and INDUSTRIAL
PROFESSIONS PERFORMANCE GUIDELINES

Introduction

Preamble

The Department of Engineering & Industrial Professions seeks to provide undergraduate and graduate education of superior quality. To promote the achievement of this goal, the tenured faculty member should be a teacher-scholar who engages students in the learning process through superior instruction in the classroom as well as through meaningful involvement in research/development/scholarship activities. In addition, he/she is an active participant in the department's efforts in advising, promoting curriculum development, maintaining high standards for evaluating academic achievement, and providing service to the university and the northwest region of Alabama.

Purpose

The purpose of academic tenure and promotion decisions is to assure the campus community of sound teaching and learning practices by providing the most competent professionals. The tenure and promotion policies should provide a developmental period in which new faculty members receive regular and direct professional feedback for the purpose of improving their performance. In addition, the policies should provide tenured faculty with regular and direct feedback as each strives to meet the criteria for promotion in rank and continuous improvement.

The Teacher/Scholar

The areas of scholarship and teaching are not separate and both are critical to the advancement of knowledge. Improvements or advancements in one area should lead to improvements in the other. Therefore, faculty members are encouraged to engage in research/development/scholarship activities appropriate to their field and program level, which in turn should enhance the quality of teaching. Scholarship and teaching can take many forms. Assessment of scholarship and teaching should be sufficiently flexible to account for variations in the ways a faculty member combines these activities. Assessment should also recognize the value of changes in emphasis and interests over the career of a faculty member.

Faculty Evaluation

In conjunction with the faculty evaluation process prescribed in the Faculty Handbook, evaluations will be made to monitor a faculty member's progress toward reappointment, tenure, promotion, and career development.

The evaluations will consider three categories of activities:

1. Effectiveness as a Teacher
2. Effectiveness in Research, Scholarship, and Other Creative Activities
3. Effectiveness in Rendering Service

Faculty performances in these categories will be rated as:

- Excellent (3 points)
- Favorable (2 points)
- Satisfactory (1 point)
- Unsatisfactory (0 points)

Each faculty member is responsible for providing sufficient evidence for determining the rating in each category.

Each faculty member will submit an updated curriculum vitae (via the online database that UNA has established for this purpose) and faculty performance report (*Faculty Handbook, Appendix 3.D*) annually to the department chair no later than the Friday after Spring Break. The faculty performance report will summarize accomplishments related to the prior year's goals (if applicable) and establish goals in the three categories for the upcoming academic year.

Feedback

Using the faculty member's updated curriculum vitae, faculty performance report, student ratings, and other appropriate information, department chairs will provide each faculty member with a written performance evaluation. Non-tenured faculty will receive written feedback on an annual basis, no later than September 15, and a copy sent to the Dean of Arts, Sciences, and Engineering. Tenured faculty will receive written feedback on a biennial basis.

Expectations

Each faculty member is expected to perform at a satisfactory level or above in each of the three categories in terms of annual and biennial evaluation. Points are not cumulative from year to year; each submission requires a reevaluation of each category.

When applying for tenure, promotion, or career development, each faculty member is expected to perform at a favorable level or above in each of the three categories. To be recommended, the following total points are required:

Rank Applying For	Points
Tenure; Associate Professor	6
Professor	7
Professor of Merit	7

When applying for tenure/promotion, the candidate is responsible for submitting a digital portfolio via the online database that UNA has established for this purpose (see Faculty Handbook, section 2.6). A peer committee will be formed as outlined in the Faculty Handbook. The rating in each of the three categories will be determined by a majority vote. If a majority cannot be achieved, the rating with the highest number of votes will be assigned. The committee chairperson will document the rating in each of the three categories and document the committee's rationale behind each rating. The recommendation for or against granting tenure and/or promotion will be submitted by the committee chairperson via the online database that UNA has established for this purpose.

Engineering and Industrial Professions is an applied and experiential discipline; as such, faculty members are encouraged to contribute to applied teaching, industry-focused research/development/scholarship, and service where the applied nature of the activity is emphasized. These industry-focused and applied contributions are to be evaluated as equivalent to more traditional contributions. For example, applied undergraduate research which results in the building of a device, a poster presentation jointly made by faculty and a student, or a publication in an educational and/or research journal are examples of contributions. Likewise, external services like participating in K-12 educational programs (*outside of assigned teaching duties*), recruiting activities, public engagements to educate groups about engineering and industrial professions, and interactions with industry are encouraged and should be weighted at least as high as internal service. All of this is designed to achieve a higher goal of encouraging student participation in engineering and industrial profession disciplines, preparing them for their future, and developing a career path for when they graduate.

Teaching

Effective teaching evaluation should include multiple measures, not a single instrument or scale of success. The evaluation should involve a variety of methods for assessing both strengths and weaknesses. Full support by the faculty member to applicable accreditation processes (e.g. ABET, SACSCOC, etc.) and commitment to its continuous improvement initiatives is required.

Evidence of effective teaching may include items from each of the following categories:

Self-Review

- A self-evaluation statement that relates the instructor's goals and the means to achieve those goals and that describes the degree of achievement of those goals.
- Course materials (syllabi, assignments, quizzes, exams, etc.) that reflect the current knowledge of the discipline and sound pedagogy.

- Results of nationally administered tests designed to measure student learning or industry-recognized certification exams that test students' skills/knowledge/competency in areas related to courses taught by the E&IP department.
- Innovations in teaching and learning concepts, applications, technologies, etc.
- Responses to feedback from student course evaluations, annual reviews and/or external reviews.
- Written materials, workbooks, lab manuals, and other documents prepared by the instructor that enhances teaching in one's field.
- Letters of recommendation written for students.
- Grade distributions.
- Activity in teaching-focused professional organizations to improve student engagement/teaching effectiveness (e.g. American Society for Engineering Education (ASEE)).
- Active participation in workshops, seminars, programs or other relevant instructional issues.
- Participation in Quality Matters (QM) course development and internal review.
- Implementation of experiential learning activities in traditional and online classes (e.g. projects, simulation tools, case studies, field trips, etc.)
- Activity in online teaching (e.g. QM training, QM certification, professional certifications in online education, participation in workshops and innovative online teaching activities)

Student Review

- Evaluations by students via formal instruments and including accompanying comments.
- Achievements of past students directly related to the faculty member's influence as a teacher.
- Written testimony from former students.

Peer Review

- Recognition by peers for teaching achievements and/or awards.
- Written evaluations by colleagues based on personal observations in the classroom or more informal situations.
- Presentations and papers related to teaching in one's field.
- Local, regional, or national teaching awards.

Research, Scholarship, and Other Creative Activities

Scholarship is the documented and demonstrated dissemination of information grounded in research or creative activity. Activities in this category help keep faculty up to date in their fields while fostering connections and relationships with the industries Engineering and Industrial Professions serve.

Evidence of activities in scholarship and/or professional performance may be in the form of:

- Publication in journals, books, textbooks, and/or book chapters.
- Co-advising Masters and Ph.D. students (Internal/External); reviewing thesis/dissertation.
- Supervision of student research/design projects.
- Mentoring student teams for student contests and participating in regional, national, and international competitions (e.g. heat sink design, ChemECar, IEEE Southeastcon Robotics, NASA Rover, Drone team, etc.).
- Presentations of professional or scholarly work at relevant meetings, workshops, conferences, etc.
- Submission of grant proposals and contracts (funded and unfunded) to both internal (college, university) and external (local, state, federal and private) entities.
- Contribution to standards development.
- Reviewing technical, scientific, and educational papers.
- Reviewing research/grant proposals.
- Professional consulting (paid or unpaid), provided the results are made available to a professional audience beyond the proprietary interests.
- Development of computer software.
- Development of algorithms, programming codes, techniques, or mathematical models.
- Collaborative research with internal, external, and international faculty members (e.g. publication, grant proposals, joint laboratories).
- Continuing Education as it relates to:
 - Achieving or maintaining licensure as a Professional Engineer.
 - Achieving or maintaining professional certifications in areas related to engineering, occupational health and safety, and industrial professions (e.g., Certified Manufacturing Engineer (CMfgE), Certified Industrial Hygienist (CIH), Certified Safety Professional (CSP), Qualified Environmental Professional (QEP), SixSigma, Process Safety, Mechatronics, CAD/CAM, Project Management, CEM/CEA, ANSYS, etc.).
 - Qualifying certifications must include an examination element and be administered by an industry-recognized and reputable professional/educational organization (e.g., AIChE, SME, CCPS, PMI, PMMI, AEE, Council for Six Sigma Certification, SolidWorks, ASSP, Board for Global EHS Credentialing, ANSYS, etc.).
 - Completing college courses or programs in areas related to -or- of benefit to one's teaching area (e.g. mathematics, statistics, computer science, business administration, or other STEM disciplines).

Service

The department expects all members of its faculty to demonstrate good citizenship through service to the University, the College, the department, the profession, and the larger community of which the University is part. Evidence of service activities may include:

- Student Advisement.
- STEM student mentor.
- Serving on the editorial board of scientific journals.
- Serving on committees with joint program institutes and universities (Such as Guizhou University).
- Serving in different local and state chapters related to the department and college disciplines (e.g., AEE chapter, ASME chapter IEEE chapter, HKN, AIHA chapter, ASSP chapter).
- Advising a university-recognized student organization, or establishing student clubs and chapters of prestigious associations and societies related to the department's needs, interests, and vision (ASME student chapter, AEE student chapter, IEEE student chapter, HKN student chapter, SWE student chapter, AIHA student chapter, ASSP student chapter etc.).
- Service as program director/coordinator or laboratory coordinator.
- Activities related to the recruitment of students.
- Participation in Shared Governance Committees.
- Participation in department, college, and university-level committees.
- Participation in Faculty Senate or Graduate Council.
- Participation in University Committees.
- Participation in college committees.
- Mentoring colleagues.
- Activities in professional organizations.
- Activities in the community related to the advancement of the profession.
- Advising or assisting civic organizations in support of the University mission.
- Public outreach and community activities in support of the University mission.