



**Dossier Format,  
University Criteria, & Department  
Clarifications  
for  
Reappointment &  
Promotion**

**2021**

**Department of Natural Sciences**



**Faculty Dossier for Promotion and/or Reappointment: Guidelines for Faculty, notes to faculty in red**

*The faculty member will prepare a dossier delivered as a PDF file formatted so that it is easy to navigate.. The title page will contain: faculty member name, initial hire date, current department, the statement: "I represent that the contents of this dossier are accurately presented to the best of my knowledge," and faculty member signature and date. The second page will be a table of contents page. Letters of support from students and/or Florida Poly faculty are strongly discouraged.*

*Faculty members are encouraged to use appropriate judgement and creativity within the framework provided to demonstrate their achievements.*

1. **Professional statement: maximum 4 pages in length, 12 point font, one inch margins. Note that the statement should provide an overview of a faculty member and their contributions to the university to evaluators .**
2. **Full Curriculum Vitae: must include all academic activity**
3. **Teaching portfolio: required sections (some sections may be blank).**

a) **Teaching Statement:**

b) **Instructional Dashboard:** Items provided by Institutional Research:

c) **Teaching Practice:**

d) **Teaching Development: Classroom development, effective development/application of new instructional methods We encourage continuous improvement and the coordinated adoption of best practices in teaching delivery.**

e) **Course and Content Development: New course development – advanced courses by subject where instructor contributes a significant amount of material in addition to a 'textbook'.**

g) **Other Instructional Activities – Course coordinator (this can include labs in addition to traditional courses) delivery of courses across multiple sections Evidence presented should be course materials used, results achieved.** The evidence should support the lead role held by the faculty member in developing course materials, maintaining Canvas shell to share course materials (lectures, assignments, rubrics) with others, conducting weekly/bi-weekly course coordination meetings, providing supplies, and collecting formal and informal feedback for instructors (who would be fulfilling roles as described in 'part a' of this item.)

**4. Research and/or scholarship portfolio:**

a. **Research Statement:**

b. **Students in Research**

i... List of graduate students and how they have been used in a faculty member's research

ii. . List of undergraduate students and how they have been used in a faculty member's research

c. **List of funded projects**, annual expenditures, and faculty member role in the work. Please provide synopsis of important results from this work.

d. **List of unfunded proposals** submitted. Include faculty member contribution to the proposal.

**e . Publications**

- i. Refereed Articles
  - 1. Refereed Articles in Journals
  - 2. Refereed Articles in Conference Proceedings
  
- ii. Industrial collaboration or activity
  - 1. Patents, patent applications, patent disclosures
  - 2. Industry sponsored project not listed in teaching section
  - 3. Report or white papers written for industry
- iii. Refereed Books, Book Contributions, and Issues of Journals
- iv. Non-refereed Publications
  - 1. Abstracts
  - 2. Non-refereed Articles in Conference Proceedings
  - 3. Software
  - 4. Project Reports (technical reports, final reports on grants, etc.)
  - 5. Non-refereed books
  - 6. Articles Posted on E-print Servers
  - 7. Articles in Professional Magazines
  - 8. Other
- v. Publications in Progress
- vi. Presentations
  - 1. Invited Talks
  - 2. Other Talks
- 3. Co-authored Presentations
  
- vii. Samples of research work

**5. Service**

- a. Departmental and institutional service, including the impact of the service
- b. Professional service provide a short explanation of service to the profession and how it has been impactful.

**7. Performance reviews from Florida Poly.** Mandated by CBA

**8. Other information that the candidate chooses to supply.**

Note: Items obtained via Institutional Research or Performance Reviews as mandated by the CBA do not require notification to faculty as supplemental materials and may be available to the committee upon request.

# University criteria for three-year *reappointment* of Assistant and Associate Professors

## Fall Semester, 2020

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## Preamble and Context for the Criteria

Universities rely on the faculty to execute their core mission and each university takes particular pride in the quality of its faculty. At Florida Poly, we take great pride in our faculty. Setting high standards for faculty achievement is an important part of building and sustaining the institution to enable us to achieve our mission to “*Serve students and industry through excellence in education, discovery, and application of applied sciences and engineering.*”

A core component in developing a great faculty body is the faculty reappointment process. University- wide criteria for faculty reappointment that provide new three-year contracts to faculty members are specified by this document. Each academic department will apply the criteria in their reappointment process and each academic department will develop clarifications to the criteria. The purpose of the departmental clarifications is to provide departments with the opportunity to comment on how faculty in the academic disciplines within a department can demonstrate the academic excellence that is required by the University Criteria. The Departmental Clarifications do not replace the University Criteria, the Clarifications help the interpretation of the University Criteria at the departmental level. Both the University Criteria and the Department Clarifications focus on how faculty can best serve the University’s mission.

The Collective Bargaining Agreement (CBA, section 6.5a) notes that Assistant Professors:

*May only be reappointed once and must apply for promotion no later than at the completion of six, fall to spring, academic years. However, if hired prior to June 1, 2017, such faculty must apply for promotion to Associate Professor no later than the last year of their three-year reappointment term.*

The reappointment review thus considers an Assistant Professor’s trajectory towards promotion; for Associate Professors the review does not have to consider the trajectory toward promotion but must consider the faculty member’s contributions based on the expectation of accomplishment for an Associate Professor.

The faculty handbook (section 4.2.2) sets minimum criteria for the faculty ranks (Assistant Professor, Associate Professor, and Professor). These criteria are organized to evaluate a faculty member based on his/her evidence of achievement in Instruction, Research or Scholarship, and Service. The faculty handbook sets minimum qualifications by rank and notes:

*The evaluation of teaching may include coursework and curriculum development; research may include traditional publication but may also include tech transfer and tech development activities, and/or leading-edge practice in industrial or business organization; service should consider effort in support of both the institution and their respective field.*

The overall evaluation must consider “how” a faculty member’s efforts contribute to the institution and “how” the individual faculty member is effective in executing the University mission. This evaluation considers the contribution and effectiveness of the faculty member, both positive and negative, and provides a recommendation on a continued and long-term employment obligation on the part of the University.

- Given the importance of excellence in education to the mission, faculty must provide evidence of accomplishment in teaching in order to warrant recommendation for reappointment.
- Faculty members must demonstrate achievement in research and scholarship consistent with their assigned duties.

- Faculty must also provide evidence of involvement in the university community with service or other activities that add value, commensurate with their assigned duties. An emerging area to consider is how a faculty member supports students beyond the classroom at Florida Poly.

Faculty members' FARE forms should be used to determine assigned work duties. Finally, because Florida Poly has evolved quickly, the reappointment evaluation must consider how the faculty member has participated in building the institution; in some instances, this will involve activity that is outside the typical scope of faculty responsibilities.

As noted in the collective bargaining agreement, a faculty member's demonstrated overall contribution to the institution, consistent with their rank, is the basis for the recommendation to reappoint a faculty member. In all cases, the quality of the work done is an important factor in the reappointment decision. A faculty member's annual performance evaluation represents the outcome of a process that is not longitudinal in considering a faculty member's contribution to the institution and is therefore not sufficient to justify reappointment. The evaluation of a candidate must consider the assigned workload for the faculty member, including periods of the summer that are compensated, as the contributions to the three areas (instruction, scholarship or research, and service) are evaluated. Overall, the evaluation must consider the impact of the faculty member on the university community.

The faculty handbook notes: *"The evaluation of teaching may include coursework and curriculum development; research may include traditional publication but may also include tech transfer and tech development activities, and/or leading-edge practice in industrial or business organization; service should consider effort in support of both the institution and their respective field."*

The following sections set institutional expectations in the areas of Teaching, Research and Scholarship, and Service for faculty reappointment for another three years for the Assistant and Associate ranks.

## University criteria for reappointment to a three-year term as Assistant Professor

For an Assistant Professor, the minimum qualifications are: *“Combination of appropriate scholarship and teaching ability commensurate with the university’s mission and relevant academic discipline(s).”* The reappointment review must consider an Assistant Professor’s trajectory towards promotion which must be achieved at the end of the three-year appointment under consideration. The three areas (**instruction, scholarship or research, and service**) are listed below, along with a narrative that provides background on expectations for a faculty member seeking reappointment.

### 1.0 Instruction

**Core Criterion:** A faculty member must clearly be contributing to the instructional mission.

*Includes regular classroom and laboratory teaching, laboratory / project-based learning instruction, effective development/application of new instructional methods, new course development, directing thesis committees, and other instructional activities. Each of these is discussed in the listing provided below. **Note that it is not a criterion for reappointment to have activity in each of the areas.***

**1.1 Criterion Minimum Requirements.** The faculty member is contributing positively to the overall instructional mission of the institution as evidenced by the materials in their dossier.

**1.2 The “Instructional Dashboard”** is provided by Institutional Research for a dossier. This includes “measures” of faculty performance including courses delivered, SAI results, an appendix of student comments, and DFW rates. These measures should provide indications of faculty contribution which can be used, with appropriate judgement applied by all parts of the process, in the evaluation of a faculty member. Faculty members should review this material for accuracy.

### 1.3 Overall Criterion Considerations & Requirements

**1.3 (A) A faculty member must clearly be contributing to the instructional mission**, by delivering their assigned courses, and also by contributing to the departmental and university educational mission. To demonstrate instructional effectiveness, faculty at the time of reappointment must show evidence that their teaching proficiency is sufficient that they can independently deliver their courses in a manner that is consistent, meets student learning outcomes, holds high academic standards while facilitating student success and that they are effective in the classroom. Evidence of meaningful collaboration with other faculty is an important factor to consider as well as sensible syllabus construction and campus presence consistent with the expectations for a full-time faculty member. For multi-section courses, a requirement is positive and appropriate collaboration with other faculty to provide a consistent and high-quality instructional experience for students. New course development must show not only that the course was developed but that the course was appropriate and executed effective learning outcomes consistent with the degree(s) supported by the course. Instruction is further considered based upon the list provided below and faculty are strongly encouraged to consider these items, consistent with their work-assignment, as they prepare their reappointment dossier.

**Two important Notes:**

**1.3 (B) Instructional effectiveness will not be judged solely by Student Assessment of Instruction results or by the “D, F, W” rate.**

**1.3 (C) Student assessment of instruction results are insufficient (and indeterminate) to demonstrate instructional effectiveness.**

**1.4 Factors to consider in terms of “effort”** are how many times the faculty member has delivered the class, the “efficiency” of the schedule for the faculty member in terms of how many course preparations are present in a semester, the amount of support provided for the delivery by student assistants (graduate or undergraduate) or technicians.

**1.5 Factors to consider in terms of “quality”** of instruction include, but are not limited to, adhering to standards established by the departments (includes courses with common exams or in ‘core’ of degree program) – a minimum requirement is: Appropriately professional *cooperation with co-instructors to deliver ALL materials in the syllabus and complete delivery of the course in a satisfactory manner.*

### **1.6 Further Criterion Considerations**

***Note that it is not a criterion for reappointment to have activity in each of the areas.***

**1.6 (A) Coordinated Courses:** For courses that are highly coordinated, faculty must carefully adhere to the common expectations of the course. The expectation is that all assessments required for that course (not just one of multiple sections) is present. Individual sections may vary in assessment outcome due to time offered, particular student population, or hurricane delays, however, instructors must cover ‘common’ material and explain raw assessment data from their section in a narrative. In a ‘common, multiple section course’ or ‘core’ course, failure to deliver all materials in the syllabus is cause for concern. Similarly, in single section courses, assessment materials should demonstrate that course delivery supported student learning outcomes and subjects defined for delivery in the syllabus.

**1.6 (B) Repeated Delivery.** For repeated deliveries, faculty should present evidence that the course is effective and where possible that the effectiveness of their instruction is improving.

**1.6 (C) Laboratory / project-based learning instruction** and other instructional activities. Evidence must demonstrate that the instructional activity is well planned, and the learning outcomes are achieved. A minimum requirement is that instructional materials are sufficiently complete and organized so that students can use them to achieve the learning outcomes for the activity.

**1.6 (D) Effective development/application of new instructional methods.** New pedagogical interventions should be supported by the literature and aligned with a reasonable rationale that justify the exploration/adoption of such technique. The university encourages new instructional methods, but not at the expense of learning outcomes; hence experimentation with new instructional techniques must be well coordinated with a chair and care taken to deliver all course topics. If an instructor chooses to implement a new teaching technique, they must be sure the course materials /topics in the syllabus are not compromised.

**1.6 (E) New course development.** This activity ranges from development of a new course for Florida Poly to significant redesign of an existing course where the instructor develops a substantial amount of material for the delivery of the course. Creating a significant volume of high-quality new courses materials with appropriate assessment methods show exemplary effort on the part of the faculty. Delivering course materials consisting primarily of the publisher’s resources is deemed satisfactory. Random inclusion of course materials not aligned with the outcomes and subject matter of the course is deemed as unsatisfactory.



**1.6 (F) Other instructional activities.** These activities typically include, but are not limited to, course coordinator delivery of courses across multiple sections, preparation of ABET materials. Course coordinators for multi-section courses (lecture/lab) have the lead role in developing course materials, maintaining Canvas shell to share course materials (lectures, assignments, rubrics, etc.) with others, conducting weekly/bi-weekly course coordination meetings, coordinating availability of supplies, and collecting formal and informal feedback for instructors (who would be fulfilling roles as described in 'part c' of this item.) A minimum standard is to meet with faculty regularly to create an appropriate outcome and to provide an organizational framework for success of the multi-section course. Preparation of ABET materials is similarly a significant responsibility; a minimum contribution is to provide timely delivery of materials in association with the schedule that has been agreed upon.

## 2.0 Research or Scholarly/Creative Activities

**Core Criterion:** At the Assistant Professor level, a faculty member should demonstrate that they are pursuing a research direction that has the potential to develop an expertise in their field and have activity that aligns with this professional direction.

*Includes scholarly publications, proposal and grant activity, support and advising of graduate students.*

**2.1 Criterion Minimum Requirements.** Minimum requirements for ***evidence for a three-year review must include a research plan and alignment of the faculty member's activity with the plan; and, evidence of activity that will enhance the faculty member's reputation in their field.*** The faculty member's portfolio should provide evidence that their research trajectory is building their own reputation in their field. In addition, the evidence should indicate that the faculty member is on a path to promotion in three years.

### 2.2 Further Criterion Considerations

**2.2 (A) Directing thesis committees or project advisory groups.** A successful thesis or project advisor should provide evidence that they have purposefully and deliberately guided the student through the process. The quality of a master's thesis or project may vary due to circumstances beyond an advisor's (committee chair's) control, so documentation of the process is paramount to demonstrating success by the faculty member. Simply participating as an advisor is not sufficient; the advisor should play an active role in a student's research or project and through their efforts help students produce a greater impact in their work. Faculty advisors are responsible for providing guidance in an advisory role to identify a viable and suitable project, that resources are available to complete the project, and to provide timely feedback during all stages of the thesis or project including careful feedback on the student's thesis. Participation in the graduate program, especially by being a graduate student thesis advisor or project advisor is strongly encouraged (departmental clarifications should comment on the graduate program and how faculty in the department can appropriately participate in the graduate program).

**2.2 (B) Publications and patents** must be evaluated for their quality and impact; to inform this statement, departments as a part of refining the university criteria must provide recommendations for publication venues (journals and conferences) that are considered high value for the fields represented by the department. As a part of a review, department committees are expected to provide input on the quality of the journals and/or conferences present in a faculty member's reappointment package (note that this includes identification of predatory journals as well as specification of journals that are of high quality).

- 2.2 (C) Mainstream journal articles or conference presentations** are easier to assess since departments have the opportunity to provide input regarding conference quality and journal quality. More specialized outlets may be appropriate depending on the faculty member's area of expertise. In all cases, faculty should be able to defend the appropriateness and quality of the venues in which they publish. **Faculty for all publications must indicate their contribution to the publication and the types of collaboration with co-authors.** A faculty member's presentation at conferences should build their reputation and that of the university.
- 2.2 (D) Multi-author publications** are many times warranted. However, the author list should make sense and a "me too" style of publication is strongly discouraged. When individuals are listed as an author on a publication, they should be able to identify what they contributed to the publication and what fraction of the publication's content is directly from their efforts.
- 2.2 (E) Articles that are simply the result of student work** in a class, with little faculty involvement by themselves do not indicate scholarly achievement; similarly, publications in low quality conferences are appropriate stepping stones to more prestigious publications recognized by their respective professional societies but are not significant in their own right. Articles where a faculty member provided critical and ongoing guidance to students are encouraged.
- 2.2 (F) Provisional patents** are difficult to assess because they are not reviewed and may or may not indicate scholarly achievement. Individuals must provide sufficient information for reviewers to assess the importance of the provisional filing and the faculty member's contribution to the work.
- 2.2 (G) Patents that have been granted** represent a more significant achievement and their importance may be assessed by the "use" of the patent.
- 2.2 (H) Activity with industrial partners** documented by how the activity has advanced the state of the art of the partner and/or how the activity has brought value to Florida Poly.

**2.3 Important Note on Proposal and Grant Activity:** Proposal and grant application activity should be documented in a way that shows the contribution of the faculty member to the overall grant effort. Proposals should align with the department and/or institution research directions and be submitted according to standard and appropriate procedures. Collaborations both within Florida Poly and external to the university are strongly encouraged. **While there is no minimum standard for grant activity, no grant activity over a multi-year period is likely cause for concern.** Internally and externally funded grants, contracts, and awards are required to advance research agendas, and in all disciplines, funding typically provides evidence of critical peer review. If the candidate belongs to a discipline where there is no funding opportunity, evidence of critical peer review must be included in the candidate's publication record. Therefore, candidates are strongly encouraged to provide evidence of applications to appropriate external funding opportunities. Funding history, prestige of the funding source(s), strenuousness of the peer review, oversubscription rate of the funding opportunity, size of the award, and impact on the productivity and quality of scholarship will be considered in the evaluation. On grants where multiple authors contribute, the candidate must provide an explanation of their technical contribution to the effort.

## 3.0 Service

**Core Criterion:** At the Assistant Professor level, service expectations are that a faculty member is contributing to their department and profession in a positive way.

*“Service” includes supporting activities for professional societies and contributions to the University and department.*

**3.1 A minimum requirement** is that the faculty member, consistent with their duty assignments, contributes positively to the department and the institution.

### **3.2 Further Criterion Considerations**

**3.2 (A) While there is no minimum standard, no service activity of significance overall for a multi-year period is strong cause for concern.**

**3.2 (B) Simply being a member of a committee is not an indication of service contribution;** a faculty member must provide evidence of how their effort provided value to the university. The service contribution must be appropriate to the co- or extra-curricular activity that the faculty member is an active advisor or participant.

**3.2 (C) Service to one’s professional society should start to be present at the three-year review level.** For all faculty, using professional society service to build one’s own reputation can be effective.

## 4.0 Overall recommendation

**Core Criterion:** The faculty member's overall effort demonstrates capacity for long-term, positive impact and contribution to the health of the campus and to advancing the mission of University, the department, and its programs.

**4.1 Overall Criterion Considerations.** Because Florida Poly has grown quickly and the demands placed upon faculty have included effort to build the institution, consideration of this effort is appropriate. Such consideration should be based on demonstrable evidence of contribution to advance teaching, research, or other significant institutional effort as it impacts time taken away from other areas. It is incumbent on the faculty member under review to provide a clear and honest presentation of the nature and impact of their contribution and how it is impactful for the institution. ***The overall evaluation of a faculty member must consider the long-term impact of a faculty member's efforts on the health of the institution and review committees must exercise judgement regarding this impact.*** In addition, consideration of the evidence provided in an individual's application should carefully consider the effect of the course load assigned to the faculty member, resource availability, faculty rank, and any other assigned university duties, when comparing faculty achievement for Florida Poly faculty to those at other institutions.

### 4.2 Further Criterion Considerations

**4.2 (A) Noting the statement above, individuals must provide evidence of proficiency and accomplishment in teaching** in order to warrant recommendation for reappointment. Similarly, a faculty member **must provide a measure of effort and beginning indications of achievement in research** consistent with their assigned duties. Finally, the dossier must provide evidence of involvement in the university community with service or other activities that add value to the university community.

**4.2 (B) Review committees must work carefully and confidentially,** as they consider the reviews for faculty members and the committees must set aside personal relationships and consider the accomplishments of the faculty member being reviewed.

## University criteria for reappointment to a three-year term as Associate Professor

A “shortened” review is required for appointment renewal of Associate Professors with an appointment that is less than six years in length.

For an Associate Professor the minimum qualifications are: “*a **demonstrated** record of scholarly activity, teaching, and, as appropriate, course and/or curriculum development commensurate with the university’s mission and relevant academic discipline(s).*” The three areas (**instruction, scholarship or research, and service**) are listed below, along with a narrative that provides background on expectations for a faculty member seeking reappointment. Faculty at the Associate Professor level should provide evidence of maturity and proficiency in instruction, a growing and increasingly established research profile where their expertise and how it contributes is well defined, and service that provides impact to the institution.

### 1.0 Instruction

**Core Criterion:** Associate Professors must show proficiency and maturity in instruction by clearly contributing to the instructional mission, delivering their assigned courses, and by contributing to the departmental and university educational mission.

*Includes regular classroom and laboratory teaching, laboratory / project-based learning instruction, effective development/application of new instructional methods, new course development, directing thesis committees, and other instructional activities. Each of these is discussed in the listing provided below. **Note that it is not a criterion for reappointment to have activity in each of the areas.***

**1.1 Criterion Minimum Requirements.** The Faculty member is contributing positively to the overall instructional mission of the institution as evidenced by the materials in their dossier.

**1.2 The” Instructional Dashboard”** is provided by Institutional Research for a dossier. This includes “measures” of faculty performance including courses delivered, SAI results, an appendix of student comments, and DFW rates. These measures should provide indications of faculty contribution which can be used, with appropriate judgement applied by all parts of the process, in the evaluation of a faculty member.

#### 1.3 Overall Criterion Considerations & Requirements

**1.3(A) A faculty member must clearly be contributing to the instructional mission.** To demonstrate instructional effectiveness, faculty at the time of reappointment must show evidence that their teaching proficiency is sufficient that they can independently deliver their courses in a manner that is consistent, meets student learning outcomes, holds high academic standards while facilitating student success and that they are effective in the classroom. Evidence of meaningful collaboration with other faculty is an important factor to consider as well as sensible syllabus construction and campus presence consistent with the expectations for a full-time faculty member. For multi-section courses, a requirement is positive and appropriate collaboration with other faculty to provide a consistent and high-quality instructional experience for students. New course development must show not only that the course was developed but that the course was appropriate and executed effective learning outcomes consistent with the degree(s) supported by the course. Instruction is further considered based upon the list provided below

and faculty are strongly encouraged to consider these items, consistent with their work-assignment, as they prepare their reappointment dossier.

**Two Important Notes:**

**1.3 (B)** Instructional effectiveness will not be judged solely by Student Assessment of Instruction results or by the “D, F, W” rate.

**1.3 (C)** Student assessment of instruction results are insufficient (and indeterminate) to demonstrate instructional effectiveness.

**1.4 Factors to consider in terms of “effort”** are how many times the faculty member has delivered the class, the “efficiency” of the schedule for the faculty member in terms of how many course preparations are present in a semester, the amount of support provided for the delivery by student assistants (graduate or undergraduate) or technicians.

**1.5 Factors to consider in terms of “quality”** of instruction include, but is not limited to, adhering to standards established by the departments (includes courses with common exams or in ‘core’ of degree program) – a minimum requirement is: Appropriately professional *cooperation with co-instructors to deliver ALL materials in the syllabus and complete delivery of the course in a satisfactory manner.*

**1.6 Further Criterion Considerations**

**1.6 (A) Coordinated Courses.** For courses that are highly coordinated, faculty must carefully adhere to the common expectations of the course. The expectation is that all assessments required for that course (not just one of multiple sections) is present. Individual sections may vary in assessment outcome due to time offered, particular student population, or hurricane delays, however, instructors must cover ‘common’ material and explain raw assessment data from their section in a narrative. In a ‘common, multiple section course’ or ‘core’ course, failure to deliver all materials in the syllabus is cause for concern. Similarly, in single section courses, assessment materials should demonstrate that course delivery supported student learning outcomes and subjects defined for delivery in the syllabus.

**1.6 (B) Repeated Delivery.** For repeated deliveries, faculty should present evidence that the course is effective and where possible that the effectiveness of their instruction is improving.

**1.6 (C) Laboratory / project-based learning instruction** and other instructional activities. Evidence must demonstrate that the instructional activity is well planned, and the learning outcomes are achieved. A minimum requirement is that instructional materials are sufficiently complete and organized so that students can use them to achieve the learning outcomes for the activity.

**1.6 (D) Effective development/application of new instructional methods.** New pedagogical interventions should be supported by the literature and aligned with a reasonable rationale that justify the exploration/adoption of such technique. The university encourages new instructional methods, but not at the expense of learning outcomes; hence experimentation with new instructional techniques must be well coordinated with a chair and care taken to deliver all course topics. If an instructor chooses to implement a new teaching technique, they must be sure the course materials /topics in the syllabus are not compromised.

**1.6 (E) New course development.** This activity ranges from development of a new course for Florida Poly to significant redesign of an existing course where the instructor develops a substantial amount of material for the delivery of the course. Creating a significant volume of high-quality new courses materials with appropriate assessment methods show exemplary effort on the part of the faculty. Delivering course materials consisting primarily of the publisher’s resources is

deemed satisfactory. Random inclusion of course materials not aligned with the outcomes and subject matter of the course is deemed as unsatisfactory.

**1.6 (F) Other instructional activities.** These activities typically include, but are not limited to, course coordinator delivery of courses across multiple sections, preparation of ABET materials. Course coordinators for multi-section courses (lecture/lab) have the lead role in developing course materials, maintaining Canvas shell to share course materials (lectures, assignments, rubrics, etc.) with others, conducting weekly/bi-weekly course coordination meetings, coordinating availability of supplies , and collecting formal and informal feedback for instructors (who would be fulfilling roles as described in 'part c' of this item.) A minimum standard is to meet with faculty regularly to create an appropriate outcome and to provide an organizational framework for success of the multi-section course. Preparation of ABET materials is similarly a significant responsibility; a minimum contribution is to provide timely delivery of materials in association with the schedule that has been agreed upon.

## 2.0 Research or other Creative/Scholarly Activities

**Core Criterion:** At the Associate Professor level, a faculty member should provide evidence of an **established and growing focused research presence** and have activity and results that aligns with this requirement.

*Includes activity relevant to the institutional mission, such as scholarly publications, proposal and grant activity, support and advising of graduate students.*

**2.1 Criterion Minimum Requirements** for evidence for a three-year review must include a research plan and alignment of the faculty member's activity with the plan. This plan should address how they have demonstrated their expertise in Research as an Associate Professor and provide **evidence of activity that will enhance the faculty member's reputation in their field**. The faculty member's portfolio should provide evidence that their research trajectory is continuing to build their own reputation in their field.

### 2.2 Further Criterion Considerations

**2.2 (A) Directing thesis committees or project advisory groups.** A successful thesis or project advisor should provide evidence that they have purposefully and deliberately guided the student through the process. The quality of a master's thesis or project may vary due to circumstances beyond an advisor's (committee chair's) control, so documentation of the process is paramount to demonstrating success by the faculty member. Simply participating as an advisor is not sufficient; the advisor should play an active role in a student's research or project and through their efforts help students produce a greater impact in their work. Faculty advisors are responsible for providing guidance in an advisory role to identify a viable and suitable project, that resources are available to complete the project, and to provide timely feedback during all stages of the thesis or project including careful feedback on the student's thesis. Participation in the graduate program, especially by being a graduate student thesis advisor or project advisor is strongly encouraged (departmental clarifications should comment on the graduate program and how faculty in the department can appropriately participate in the graduate program). Associate Professors are expected to demonstrate, where appropriate, leadership in the graduate program and supporting the graduate program in producing highly qualified students.

**2.2 (B) Publications and patents** must be evaluated for their quality and impact; to inform this statement, departments as a part of refining the university criteria must provide recommendations for publication venues (journals and conferences) that are considered high value for the fields represented by the department. As a part of a review, department committees are expected to provide input on the quality of the journals and/or conferences present in a faculty member's reappointment package (note that this includes identification of predatory journals as well as specification of journals that are of high quality).

**2.2 (C) Mainstream journal articles or conference presentations** are easier to assess since departments have the opportunity to provide input regarding conference quality and journal quality. More specialized outlets may be appropriate depending on the faculty member's area of expertise. In all cases, faculty should be able to defend the appropriateness and quality of the venues in which they publish. **Faculty for all publications must indicate their contribution to the publication and the types of collaboration with co-authors.** A faculty member's presentation at conferences should build their reputation and that of the university.

**2.2 (D) Multi-author publications** are many times warranted. However, the author list should make sense and a "me too" style of publication is strongly discouraged. When individuals are listed as



an author on a publication, they should be able to identify what they contributed to the publication and what fraction of the publication's content is directly from their efforts.

**2.2 (E) Articles that are simply the result of student work** in a class, with little faculty involvement by themselves do not indicate scholarly achievement; similarly, publications in low quality conferences are appropriate stepping stones to more prestigious publications recognized by their respective professional societies but are not significant in their own right. Articles where a faculty member provided critical and ongoing guidance to students are encouraged.

**2.2 (F) Provisional patents** are difficult to assess because they are not reviewed and may or may not indicate scholarly achievement. Individuals must provide sufficient information for reviewers to assess the importance of the provisional filing and the faculty member's contribution to the work.

**2.2 (G) Patents that have been granted** represent a more significant achievement and their importance may be assessed by the "use" of the patent.

**2.2 (H) Activity with industrial partners** documented by how the activity has advanced the state of the art of the partner and/or how the activity has brought value to Florida Poly.

**2.3 Important Note on Proposal and Grant Activity:** Proposal and grant application activity should be documented in a way that shows the contribution of the faculty member to the overall grant effort. Proposals should align with the department and/or institution research directions and be submitted according to standard and appropriate procedures. Collaborations both within Florida Poly and external to the university are strongly encouraged. **While there is no minimum standard for grant activity, no grant activity over a multi-year period is likely cause for concern.** Internally and externally funded grants, contracts, and awards are required to advance research agendas, and in all disciplines, funding typically provides evidence of critical peer review. If the candidate belongs to a discipline where there is no funding opportunity, evidence of critical peer review must be included in the candidate's publication record. Therefore, candidates are strongly encouraged to provide evidence of applications to appropriate external funding opportunities. Funding history, prestige of the funding source(s), strenuousness of the peer review, oversubscription rate of the funding opportunity, size of the award, and impact on the productivity and quality of scholarship will be considered in the evaluation. On grants where multiple authors contribute, the candidate must provide an explanation of their technical contribution to the effort.

## 3.0 Service

**Core Criterion:** At the Associate Professor level, service expectations are that a faculty member is contributing to their department and profession in a positive way and, where appropriate, takes a leadership role.

*“Service” includes supporting activities to professional societies and contributions to the University and department.*

**3.1 A minimum requirement** is that the faculty member, consistent with their duty assignments, contributes positively to the department and the institution.

### 3.2 Criterion Considerations

**3.2 (A)** While there is no minimum standard, **no service activity of significance overall for a multi-year period is strong cause for concern.**

**3.2 (B)** **Simply being a member of a committee is not an indication of service** contribution; a faculty member must provide evidence of how their effort provided value to the university. The service contribution must be appropriate to the co- or extra-curricular activity that the faculty member is an active advisor or participant.

**3.2 (C)** **Service to one’s professional society** should be easily identified for Associate Professors. For all faculty, using professional society service to build one’s own reputation can be effective.

## 4.0 Overall Recommendation

**Core Criterion:** The Associate Professor demonstrates strong, ongoing contribution to the University and performs their full suite of duties with a high-degree of quality and independence, demonstrating accomplishment in teaching, appropriate reputation in research, and service that positively advances the University, department, and program.

**4.1 Criterion Consideration.** Because Florida Poly has grown quickly and the demands placed upon faculty have included effort to build the institution, consideration of this effort is appropriate. Such consideration should be based on demonstrable evidence of contribution to advance teaching, research, or other significant institutional effort as it impacts time taken away from other areas. It is incumbent on the faculty member under review to provide a clear and honest presentation of the nature and impact of their contribution and how it is impactful for the institution. ***The overall evaluation of a faculty member must consider the long-term impact of a faculty member's efforts on the health of the institution and review committees must exercise judgement regarding this impact.*** In addition, consideration of the evidence provided in an individual's application should carefully consider the effect of the course load assigned to the faculty member, resource availability, faculty rank, and any other assigned university duties, when comparing faculty achievement for Florida Poly faculty to those at other institutions. **At the Associate Professor level, the expectation is that the faculty member is a strong contributor to the university and can perform their duties with a high degree of independence and quality.**

### 4.2 Further Criterion Considerations

**4.2 (A)** Noting the statement above, individuals must provide evidence of accomplishment in **teaching** in order to warrant recommendation for reappointment. Similarly, a faculty member must provide a measure of achievement in **research** that demonstrates reputation in their field consistent with their assigned duties.

**4.2 (B)** Finally, the dossier must provide evidence of involvement in the university community with **service** or other activities that adds value to the university community.

**4.2 Review committees** must work carefully and confidentially, as they consider the reviews for faculty members and the committees must set aside personal relationships and consider the accomplishments of the faculty member being reviewed.

# University criteria for *promotion* from Assistant to Associate Professor

**Fall Semester, 2020**

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## Preamble and Context for the Criteria

Universities rely on the faculty to execute their core mission and each university takes particular pride in the quality of its faculty. At Florida Poly, we take great pride in our faculty. Setting high standards for faculty achievement as an important part of building and sustaining the institution to enable us to achieve our mission to “*Serve students and industry through excellence in education, discovery, and application of applied sciences and engineering.*”

A core component in developing a great faculty body is the faculty promotion process. University wide criteria for faculty promotion that provides a new three-year contract to a faculty member are specified by this document. Each academic department will apply the criteria in their promotion process and each academic department will develop clarifications to the criteria. The purpose of the departmental clarifications is to provide departments with the opportunity to comment on how faculty in the academic disciplines within a department can demonstrate the academic excellence that is required by the University Criteria. The Department Clarifications do not replace the University Criteria, the Clarifications help the interpretation of the University Criteria at the departmental level. Both the University Criteria and the Department Clarifications focus on how faculty can best serve the University’s mission.

The Collective Bargaining Agreement (CBA, section 6.5a) notes that Assistant Professors:

*May only be reappointed once and must apply for promotion no later than at the completion of six, fall to spring, academic years. However, if hired prior to June 1, 2017, such faculty must apply for promotion to Associate Professor no later than the last year of their three-year reappointment term.*

Promotion to Associate Professor considers the faculty member’s contributions to the university and if sufficient evidence is present to demonstrate that an individual has through demonstrated activity and contribution to Florida Poly achieved the rank Associate Professor.

The faculty handbook (section 4.2.2) sets minimum criteria for the faculty ranks (Assistant Professor, Associate Professor, and Professor). These criteria are organized to evaluate a faculty member based on his/her evidence of achievement in Instruction, Research or Scholarship, and Service. The faculty handbook sets minimum qualifications by rank and notes:

*The evaluation of teaching may include coursework and curriculum development; research may include traditional publication but may also include tech transfer and tech development activities, and/or leading-edge practice in industrial or business organization; service should consider effort in support of both the institution and their respective field.*

The faculty handbook specifies that an Associate Professor must achieve: “*a demonstrated record of scholarly activity, teaching, and, as appropriate, course and/or curriculum development commensurate with the university’s mission and relevant academic discipline(s); evidence of a positive and growing reputation in his/her chosen field; and promise of continued successful performance.*”

The overall evaluation must consider the long-term impact of all of a faculty member’s efforts on the ability of the institution to execute its mission. The overall evaluation must consider “how” a faculty member’s efforts contribute to the institution and “how” the individual faculty member is effective in executing the University mission. This evaluation considers the contribution and effectiveness of the faculty member, both

positive and negative, and provides a recommendation on a continued and long-term employment obligation on the part of the University. In all cases, the quality of the work done is an important factor in the promotion decision. A faculty member's annual performance evaluation represents the outcome of a process that is not longitudinal in considering a faculty member's contribution to the institution and is therefore not sufficient to justify promotion. The evaluation of a candidate must consider the assigned workload for the faculty member, including periods of the summer that are compensated, as the contributions to the three areas (instruction, scholarship or research, and service) are evaluated. Overall, the evaluation must consider the impact of the faculty member on the university community.

- Given the importance of excellence in education to the mission, faculty must provide evidence of accomplishment in teaching in order to warrant recommendation for promotion.
- Faculty members must demonstrate achievement in research and scholarship consistent with their assigned duties.
- Faculty must also provide evidence of involvement in the university community with service or other activities that add value, commensurate with their assigned duties. An emerging area to consider is how a faculty member supports students beyond the classroom at Florida Poly.

Faculty members' FARE forms should be used to determine assigned work duties. Finally, because Florida Poly has evolved quickly, the reappointment evaluation must consider how the faculty member has participated in building the institution; in some instances, this will involve activity that is outside the typical scope of faculty responsibilities.

As noted in the collective bargaining agreement, a faculty member's demonstrated overall contribution to the institution, consistent with their rank, is the basis for the recommendation to reappoint a faculty member. In all cases, the quality of the work done is an important factor in the reappointment decision. A faculty member's annual performance evaluation represents the outcome of a process that is not longitudinal in considering a faculty member's contribution to the institution and is therefore not sufficient to justify reappointment. The evaluation of a candidate must consider the assigned workload for the faculty member, including periods of the summer that are compensated, as the contributions to the three areas (instruction, scholarship or research, and service) are evaluated. Overall, the evaluation must consider the impact of the faculty member on the university community.

The faculty handbook notes: *"The evaluation of teaching may include coursework and curriculum development; research may include traditional publication but may also include tech transfer and tech development activities, and/or leading-edge practice in industrial or business organization; service should consider effort in support of both the institution and their respective field."*

Finally, "early" requests for promotion **require** strong demonstration of success in Teaching, Research and Scholarship. As with most campuses, only truly exceptional cases are granted early promotion.

The following sections set institutional expectations in the areas of Teaching, Research and Scholarship, and Service for faculty promotion to Associate Professor.

## University criteria for promotion to Associate Professor

Core criteria and minimum expectations for the three areas (instruction, scholarship or research, and service) are listed below. Faculty seeking promotion must demonstrate that they meet these criteria through evidence along with a narrative that provides context and makes their case for promotion.

### 1.0 Instruction

**Core Criterion:** A faculty member must clearly be contributing to the instructional mission by demonstrating proficiency and breadth in instructional quality and capacity.

*Includes regular classroom and laboratory teaching, laboratory / project-based learning instruction, effective development/application of new instructional methods, new course development, directing thesis committees, and other instructional activities. Each of these is discussed in the listing provided below.*

**1.1 Criterion Minimum Requirements.** Overall promotion requires demonstrated proficiency and breadth in instructional quality and capacity. Key elements to be considered are instructional delivery, instructional material development, and in most cases course development.

**1.2 The “ Instructional Dashboard”** is provided by Institutional Research for a dossier. This includes “measures” of faculty performance including courses delivered, SAI results, an appendix of student comments, and DFW rates. These measures should provide indications of faculty contribution which can be used, with appropriate judgement applied by all parts of the process, in the evaluation of a faculty member. Faculty members should review this material for accuracy.

#### 1.3 Overall Criterion Considerations & Requirements

**1.3 (A) A faculty member must clearly be contributing to the instructional mission**, by delivering their assigned courses, and also by contributing to the departmental and university educational mission. To demonstrate instructional effectiveness, faculty at the time of promotion must show evidence that their teaching proficiency is sufficient that they can independently deliver their courses in a manner that is consistent, meets student learning outcomes, holds high academic standards while facilitating student success and that they are effective in the classroom. Evidence of meaningful collaboration with other faculty is an important factor to consider as well as sensible syllabus construction and campus presence consistent with the expectations for a full-time faculty member. For multi-section courses, a requirement is positive and appropriate collaboration with other faculty to provide a consistent and high-quality instructional experience for students. New course development must show not only that the course was developed but that the course was appropriate and executed effective learning outcomes consistent with the degree(s) supported by the course. Instruction is further considered based upon the list provided below and faculty are strongly encouraged to consider these items, consistent with their work-assignment, as they prepare their promotion dossier.

#### **Two important Notes**

**1.3 (B) Instructional effectiveness** will not be judged solely by Student Assessment of Instruction results or by the “D, F, W” rate.

**1.3 (C) Student assessment of instruction** results are insufficient (and indeterminate) to demonstrate instructional effectiveness.

**1.4 Factors to consider in terms of “effort”** are how many times the faculty member has delivered the class, the “efficiency” of the schedule for the faculty member in terms of how many course preparations are present in a semester, the amount of support provided for the delivery by student assistants (graduate or undergraduate) or technicians.

**1.5 Factors to consider in “quality”** of instruction include, but is not limited to, adhering to standards established by the departments (includes courses with common exams or in ‘core’ of degree program) – a minimum requirement is: Appropriately professional *cooperation with co-instructors to deliver ALL materials in the syllabus and complete delivery of the course in a satisfactory manner.*

#### **1.6 Further Criterion Considerations**

**1.6 (A) For courses that are highly coordinated,** faculty must carefully adhere to the common expectations of the course. The expectation is that all assessments required for that course (not just one of multiple sections) is present. Individual sections may vary in assessment outcome due to time offered, particular students’ population, or hurricane delays, however, instructors must cover ‘common’ material and explain raw assessment data from their section in a narrative. In a ‘common, multiple section course’ or ‘core’ course, failure to deliver all materials in the syllabus is cause for concern. Similarly, in single section courses, assessment materials should demonstrate that course delivery supported student learning outcomes and subjects defined for delivery in the syllabus.

**1.6 (B) For repeated deliveries,** faculty should present evidence that the course is effective and where possible that the effectiveness of their instruction is improving.

**1.6 (C) Laboratory / project-based learning instruction** and other instructional activities. Evidence must demonstrate that the instructional activity is well planned, and the learning outcomes are achieved. A minimum requirement is that instructional materials are sufficiently complete and organized so that students can use them to achieve the learning outcomes for the activity.

**1.6 (D) Effective development/ application of new instructional methods.** New pedagogical interventions should be supported by the literature and aligned with a reasonable rationale that justify the exploration/adoption of such technique. The university encourages new instructional methods, but not at the expense of learning outcomes; hence experimentation with new instructional techniques must be well coordinated with a chair and care taken to deliver all course topics. If an instructor chooses to implement a new teaching technique, they must be sure the course materials /topics in the syllabus are not compromised.

**1.6 (E) New course development.** This activity ranges from development of a new course for Florida Poly to significant redesign of an existing course where the instructor develops a substantial amount of material for the delivery of the course. Creating a significant volume of high-quality new courses materials with appropriate assessment methods show exemplary effort on the part of the faculty. Delivering course materials consisting primarily of the publisher’s resources is deemed satisfactory. Random inclusion of course materials not aligned with the outcomes and subject matter of the course is deemed as unsatisfactory.

**1.6 (F) Other instructional activities.** These activities typically include, but are not limited to, course coordinator delivery of courses across multiple sections, preparation of ABET materials. Course coordinators for multi-section courses (lecture/lab) have the lead role in developing course materials, maintaining Canvas shell to share course materials (lectures, assignments, rubrics, etc.) with others, conducting weekly/bi-weekly course coordination meetings, coordinating availability of supplies , and collecting formal and informal feedback for instructors (who would be fulfilling roles as described in ‘part c’ of this item.) A minimum standard is to meet with faculty regularly to create an appropriate outcome and to provide an organizational framework for success of the multi-section



course. Preparation of ABET materials is similarly a significant responsibility; a minimum contribution is to provide timely delivery of materials in association with the schedule that has been agreed upon.

## 2.0 Research or Other Creative/Scholarly Activities

**Core Criterion:** Promotion to Associate Professor requires a faculty member to **demonstrate a unique and scholarly expertise in their field** and have activity that aligns with this professional direction.

*Includes scholarly publications, proposal and grant activity, support and advising of graduate students.*

**2.1 Criterion Minimum Requirements** for promotion to Associate Professor requires evidence of a research plan and alignment of the faculty member's activity and accomplishment with the plan. The faculty member's portfolio should provide evidence that ***their research trajectory is building their own reputation in their field.***

### 2.2 Further Criterion Considerations

**2.2 (A) Directing thesis committees or project advisory groups.** A successful thesis advisor or project should provide evidence that they have purposefully and deliberately guided the student through the process. The quality of a master's thesis or project may vary due to circumstances beyond an advisor's (committee chair's) control, so documentation of the process is paramount to demonstrating success by the faculty member. Simply participating as an advisor is not sufficient; the advisor should play an active role in a student's research or project and through their efforts help students produce a greater impact in their work. Faculty advisors are responsible for providing guidance in an advisory role to identify a viable and suitable project, that resources are available to complete the project, and to provide timely feedback during all stages of the thesis or project including careful feedback on the student's thesis. Participation in the graduate program, especially by being a graduate student thesis advisor or project advisor is strongly encouraged (departmental clarifications should comment on the graduate program and how faculty in the department can appropriately participate in the graduate program). Individuals that seek promotion are strongly encouraged to be active participants in the development of a high-quality graduate program.

**2.2 (B) Publications and patents** must be evaluated for their quality and impact; to inform this statement, departments as a part of refining the university criteria must provide recommendations for publication venues (journals and conferences) that are considered high value for the fields represented by the department. As a part of a review, department committees are expected to provide input on the quality of the journals and/or conferences present in a faculty member's promotion package (note that this includes identification of predatory journals as well as specification of journals that are of high quality).

**2.2 (C) Mainstream journal articles or conference presentations** are easier to assess since departments have the opportunity to provide input regarding conference quality and journal quality. More specialized outlets may be appropriate depending on the faculty member's area of expertise. In all cases, faculty should be able to defend the appropriateness and quality of the venues in which they publish. ***Faculty for all publications must indicate their contribution to the publication and the types of collaboration with co-authors.*** A faculty member's presentation at conferences should build their reputation and that of the university.

**2.2 (D) Multi-author publications** are many times warranted. However, the author list should make sense and a "me too" style of publication is strongly discouraged. When individuals are listed as an author on a publication, they should be able to identify what they contributed to the publication and what fraction of the publication's content is directly from their efforts.

**2.4 (E) Articles that are simply the result of student work in a class**, with little faculty involvement by themselves do not indicate scholarly achievement; similarly, publications in low quality conferences are appropriate stepping stones to more prestigious publications recognized by their respective professional societies but are not significant in their own right. Articles where a faculty member provided critical and ongoing guidance to students are encouraged.

**2.2 (F) Provisional patents** are difficult to assess because they are not reviewed and may or may not indicate scholarly achievement. Individuals must provide sufficient information for reviewers to assess the importance of the provisional filing and the faculty member's contribution to the work.

**2.2 (G) Patents that have been granted** represent a more significant achievement and their importance may be assessed by the "use" of the patent.

**2.2 (H) Activity with industrial partners** documented by how the activity has advanced the state of the art of the partner and/or how the activity has brought value to Florida Poly.

**2.3 Proposal and grant application** activity should be documented in a way that shows the contribution of the faculty member to the overall grant effort. Proposals should align with the department and/or institution research directions and be submitted according to standard and appropriate procedures. Collaborations both within Florida Poly and external to the university are strongly encouraged. **While there is no minimum standard for grant activity, for most of the fields represented at Florida Poly, strong participation and/or authorship in proposals is a requirement for promotion.** If the candidate belongs to a discipline where there is no funding opportunity, evidence of critical peer review must be included in the candidate's publication record. Internally and externally funded grants, contracts, and awards are required to advance research agendas, and in all disciplines, funding typically provides evidence of critical peer review. Therefore, candidates are strongly encouraged to provide evidence of applications to appropriate external funding opportunities. Funding history, prestige of the funding source(s), strenuousness of the peer review, oversubscription rate of the funding opportunity, size of the award, and impact on the productivity and quality of scholarship will be considered in the evaluation. On grants where multiple authors contribute, the candidate must provide an explanation of their technical contribution to the effort.

## 3.0 Service to external professional societies and contributions to the University and department.

**Core Criterion:** Promotion to Associate Professor requires that a faculty member is contributing to their department and profession in a positive way and has demonstrated capacity to assume a leadership role.

*“Service” includes supporting activities for external professional societies and contributions to the University and department.*

**3.1 A Minimum Requirement** is that the faculty member, consistent with their duty assignments, contributes positively to the department and the institution.

### 3.2 Criterion Considerations

**3.2 (A) No service activity of significance overall for a multi-year period is strong cause for concern.**

**3.2 (B)** Simply being a member of a committee is not an indication of service contribution; a faculty member must provide evidence of how their effort provided value to the university. The service contribution must be appropriate to the co- or extra-curricular activity that the faculty member is an active advisor or participant.

**3.2 (C)** Service to one’s professional society should be present and demonstrated in order to achieve promotion. For all faculty, using professional society service to build one’s own reputation can be effective.

### 3.3 Special Consideration of Administration Contribution

As with other universities, Florida Poly must acknowledge that administrative activity is critical to the success of the university and that this activity must be included appropriately in the evaluation of an individual’s request for promotion. In the case of individuals that are “on-time,” the effectiveness of their leadership may be used as a consideration of their overall effort. The following discussion closely follows language adopted by the University of California at Santa Barbara.

*“Faculty Administrators, including Department Chairs, and Directors, who discharge their administrative duties with thoroughness and distinction and who give effective academic leadership to their department may not have much time left for teaching and research. It may be difficult for Administrators to maintain themselves as scholars during the period of service in the administrative position. It must be acknowledged that they have had to give up to administrative duties time they would otherwise have been able to devote to teaching and scholarship, and reviewing agencies must take into account the extent and quality of their administrative service in considering them for merit increases and for promotions. The principle involved is that academic leadership is, in itself, a significant academic activity. Both departments and reviewing agencies should take the amount of administrative service into consideration when setting expectations for achievement within a review period. While service in and of itself cannot serve as the primary grounds for advancement, it is appropriate to consider excellence in administrative service as part of the academic review.*

*While time devoted to administrative service may be taken into consideration regarding expectations for merit review, career reviews (i.e. Promotions in rank, and advancement to Step VI of the Professorship or to an above scale salary), are of greater significance than merit increases within rank and cannot be justified wholly on the basis of administrative service. The standards*

*for advancement may not be lessened. Nevertheless, although promotion from Associate Professor to Professor requires evidence of intellectual attainment and growing distinction, substantial evidence of these qualities may well be found in the way in which successful administrators perform their duties. In the case of promotion for Assistant Professor to tenure rank, the requirement of 'superior intellectual attainment, as evidenced both in teaching and research or creative achievement' cannot be waived. But an Assistant Professor who has served effectively as an administrator has evidenced a considerable degree of intellectual maturity if he/she has provided academic leadership for persons of higher rank, and this certainly should be considered in evaluating his/her promotion to tenure.*

*In assessing the merits of an administrator, it will be necessary to follow the regular procedures of review. However, a special effort should be made to assure that Administrators are not passed over. The advice of other administrative officers, individuals outside of the department, and reviewing agencies will be particularly important in such cases. After an administrator leaves the position, his/her further advancements in salary or rank should be judged by the regular criteria."*

## 4.0 Overall recommendation

**Core Criterion:** For Promotion to Associate Professor, the candidate must demonstrate strong, ongoing contribution to the University, ability to perform their full suite of duties with a high-degree of quality and independence by demonstrating accomplishment in teaching, appropriate trajectory in research, and service that positively advances the University, department, and program.

**4.1 Minimum Requirements:** For an Associate Professor the minimum qualifications are: “a demonstrated record of scholarly activity, teaching, and, as appropriate, course and/or curriculum development commensurate with the university’s mission and relevant academic discipline(s).” Individuals that are to achieve promotion must meet the minimum criteria for the rank.

**4.2 Overall Considerations:** Because Florida Poly has grown quickly and the demands placed upon faculty have included effort to build the institution, consideration of this effort is appropriate. Such consideration should be based on demonstrable evidence of contribution to advance teaching, research, or other significant institutional effort as it impacts time taken away from other areas. It is incumbent on the faculty member under review to provide a clear and honest presentation of the nature and impact of their contribution and how it is impactful for the institution. ***The overall evaluation of a faculty member must consider the long-term impact of a faculty member’s efforts on the health of the institution and review committees must exercise judgement regarding this impact.*** In addition, consideration of the evidence provided in an individual’s application should carefully consider the effect of the course load assigned to the faculty member, resource availability, faculty rank, and any other assigned university duties, when comparing faculty achievement for Florida Poly faculty to those at other institutions.

**4.2 (A)** Noting the statement above, individuals must provide evidence of “demonstrated proficiency and breadth in **instructional** quality and capacity.”

**4.2 (B)** Similarly, a faculty member must provide evidence of a growing **research** reputation and indications of research accomplishment.

**4.2 (C)** Finally, the dossier must provide evidence of involvement in the university community with **service** or other activities that add value to the university community.

**4.3 Review committees** must work carefully and confidentially, as they consider the reviews for faculty members and the committees must set aside personal relationships and consider the accomplishments of the faculty member being reviewed.

# University criteria for *promotion* from Associate Professor to Professor

**Fall Semester, 2020**

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## Preamble and Context for the Criteria

Universities rely on the faculty to execute their core mission and each university takes pride in the quality of its faculty. At Florida Poly, we take great pride in our faculty. Setting high standards for faculty achievement as an important part of building and sustaining the institution to enable us to achieve our mission to “*Serve students and industry through excellence in education, discovery, and application of applied sciences and engineering.*”

A core component in developing a great faculty body is the faculty promotion process. University wide criteria for faculty promotion that provides a new six-year contract to a faculty member are specified by this document. Each academic department will apply the criteria in their promotion process and each academic department will develop clarifications to the criteria. The purpose of the departmental clarifications is to provide departments with the opportunity to comment on how faculty in the academic disciplines within a department can demonstrate the academic excellence that is required by the University Criteria. The Department Clarifications do not replace the University Criteria; the Clarifications help the interpretation of the University Criteria at the departmental level. Both the University Criteria and the Department Clarifications focus on how faculty can best serve the University’s mission.

The Collective Bargaining Agreement states:

### 6.2(4) Associate Professor

- a. Initial term: three years, unless the University determines that an initial term of four (4) or five (5) years is warranted. The reason for a longer initial term shall be provided to the union upon request.
- b. Reappointment term: three (3) years (shortened review) or six (6) years (full review)
- c. Promotion term: Faculty members promoted from Assistant to Associate Professor shall receive an appointment term of six (6) years

Promotion to Professor considers the faculty member’s contributions to the university and if sufficient evidence is present to demonstrate that an individual has through demonstrated activity and contribution to Florida Poly achieved the rank of Professor. Professor is the highest academic rank given, hence, promotion is based on demonstrated accomplishments, not indications of accomplishments that may be made in the future. However, promotion also considers the individual’s trajectory, with the expectation that one holding the rank of Professor demonstrates continued and ongoing contributions to the university at the highest level of character and quality.

The faculty handbook (section 4.2.2) sets minimum criteria for the faculty ranks (Assistant Professor, Associate Professor, and Professor). These criteria are organized to evaluate a faculty member based on his/her evidence of achievement in Instruction, Research or Scholarship, and Service. The faculty handbook sets minimum qualifications by rank and notes:

*The evaluation of teaching may include coursework and curriculum development; research may include traditional publication but may also include tech transfer and tech development activities, and/or leading-edge practice in industrial or business organization; service should consider effort in support of both the institution and their respective field.*



The faculty handbook specifies that a Professor must achieve: *“In addition to meeting minimum qualifications for both Assistant Professor and Associate Professor, scholarly contribution, such that the professor is recognized for sustained and significant contributions in the relevant discipline and/or interdisciplinary area by experts in the field.”*

The overall evaluation must consider the long-term impact of all of a faculty member’s efforts on the ability of the institution to execute its mission. The overall evaluation must consider “how” a faculty member’s efforts contribute to the institution and “how” the individual faculty member is effective in executing the University mission. This evaluation considers the contribution and effectiveness of the faculty member, both positive and negative, and provides a recommendation on a continued and long-term employment obligation on the part of the University. In all cases, the quality and quantity of the work done is an important factor in the promotion decision. A faculty member’s annual performance evaluation represents the outcome of a process that is not longitudinal in considering a faculty member’s contribution to the institution and is therefore not sufficient to justify promotion. The evaluation of a candidate must consider the assigned workload for the faculty member, including periods of the summer that are compensated, as the contributions to the three areas (instruction, scholarship or research, and service) are evaluated. Overall, the evaluation must consider the impact of the faculty member on the university community. To achieve the rank Professor, individuals must have demonstrated sustained accomplishment in their assigned roles for multiple years.

- Given the importance of excellence in education to the mission, faculty must provide evidence of accomplishment in teaching in order to warrant recommendation for promotion.
- Faculty members must demonstrate achievement in research and scholarship consistent with their assigned duties.
- Faculty must also provide evidence of involvement in the university community with service or other activities that add value, commensurate with their assigned duties. An emerging area to consider is how a faculty member supports students beyond the classroom at Florida Poly.

The faculty handbook notes: *“sustained and significant contributions in the relevant discipline and/or interdisciplinary area by experts in the field.”*

The following sections set institutional expectations in the areas of Teaching, Research and Scholarship, and Service for faculty promotion to Professor.

## University criteria for promotion to Professor

Core criteria and minimum expectations for the three areas (instruction, scholarship or research, and service) are listed below. Faculty seeking promotion must demonstrate that they meet these criteria through evidence along with a narrative that provides context and makes their case for promotion.

### 1.0 Instruction

**Core Criterion:** Overall promotion requires demonstrated proficiency and breadth in instructional quality and capacity and leadership in the delivery of and development as required for new curriculum.

*Includes regular classroom and laboratory teaching, laboratory / project-based learning instruction, effective development/application of new instructional methods, new course development, directing thesis committees, and other instructional activities. Each of these is discussed in the listing provided below.*

**1.1 Criterion Minimum Requirements.** Key elements to be considered are instructional delivery, instructional material development, and in most cases course development.

**1.2 The "Instructional Dashboard"** is provided by Institutional Research for a dossier. This includes "measure" of faculty performance including courses delivered, SAI results, an appendix of student comments, and DFW rates. These measures should provide indications of faculty contribution.

**1.3 Overall Criterion Considerations & Requirements.**

**1.3 (A) A faculty member must clearly be contributing to the instructional mission**, by delivering their Assigned courses, and also by contributing to the departmental and university educational mission. To demonstrate instructional effectiveness, faculty at the time of promotion must show evidence that their teaching proficiency is sufficient that they can independently deliver their courses in a manner that is consistent, meets student learning outcomes, holds high academic standards while facilitating student success and that they are effective in the classroom. Evidence of meaningful collaboration with other faculty is an important factor to consider as well as sensible syllabus construction and campus presence consistent with the expectations for a full-time faculty member. For multi-section courses, a requirement is positive and appropriate collaboration with other faculty to provide a consistent and high-quality instructional experience for students. New course development must show not only that the course was developed but that the course was appropriate and executed effective learning outcomes consistent with the degree(s) supported by the course. Instruction is further considered based upon the list provided below and faculty are strongly encouraged to consider these items, consistent with their work-assignment, as they prepare their promotion dossier.

**Two Important Notes**

**1.3 (B) Instructional effectiveness** will not be judged solely by Student Assessment of Instruction results or by the "D,F, W" rate.

**1.3 (C) Student assessment of instruction** results are insufficient (and indeterminate) to demonstrate instructional effectiveness.

**1.4 Factors to consider in terms of "effort"** are how many times the faculty member has delivered the class, the "efficiency" of the schedule for the faculty member in terms of how many course preparations are present in a semester, the amount of support provided for the delivery by student assistants (graduate or undergraduate) or technicians.

**1.5 Factors to consider in “quality” of instruction include**, but is not limited to, adhering to standards established by the departments (includes courses with common exams or in ‘core’ of degree program) – a minimum requirement is: Appropriately professional *cooperation with co-instructors to deliver ALL materials in the syllabus and complete delivery of the course in a satisfactory manner.*

#### **1.6 Further Criterion Considerations**

**1.6 (A) For courses that are highly coordinated**, faculty must carefully adhere to the common expectations of the course. The expectation is that all assessments required for that course (not just one of multiple sections) is present. Individual sections may vary in assessment outcome due to time offered, particular student population, or hurricane delays, however, instructors must cover ‘common’ material and explain raw assessment data from their section in a narrative. In a ‘common, multiple section course’ or ‘core’ course, failure to deliver all materials in the syllabus is cause for concern. Similarly, in single section courses, assessment materials should demonstrate that course delivery supported student learning outcomes and subjects defined for delivery in the syllabus.

**1.6 (B) For repeated deliveries**, faculty should present evidence that the course is effective and where possible that the effectiveness of their instruction is improving.

**1.6 (C) Laboratory / project-based learning instruction** and other instructional activities. Evidence must demonstrate that the instructional activity is well planned, and the learning outcomes are achieved. A minimum requirement is that instructional materials are sufficiently complete and organized so that students can use them to achieve the learning outcomes for the activity.

**1.6 (D) Effective development/application of new instructional methods.** New pedagogical interventions should be supported by the literature and aligned with a reasonable rationale that justify the exploration/adoption of such technique. The university encourages new instructional methods, but not at the expense of learning outcomes; hence experimentation with new instructional techniques must be well coordinated with a chair and care taken to deliver all course topics. If an instructor chooses to implement a new teaching technique, they must be sure the course materials /topics in the syllabus are not compromised.

**1.6 (E) New course development.** This activity ranges from development of a new course for Florida Poly to significant redesign of an existing course where the instructor develops a substantial amount of material for the delivery of the course. Creating a significant volume of high-quality new courses materials with appropriate assessment methods show exemplary effort on the part of the faculty. Delivering course materials consisting primarily of the publisher’s resources is deemed satisfactory. Random inclusion of course materials not aligned with the outcomes and subject matter of the course is deemed as unsatisfactory.

**1.6 (F) Other instructional activities.** These activities typically include, but are not limited to, course coordinator delivery of courses across multiple sections, preparation of ABET materials. Course coordinators for multi-section courses (lecture/lab) have the lead role in developing course materials, maintaining Canvas shell to share course materials (lectures, assignments, rubrics, etc.) with others, conducting weekly/bi-weekly course coordination meetings, coordinating availability of supplies, and collecting formal and informal feedback for instructors (who would be fulfilling roles as described in ‘part c’ of this item.) A minimum standard is to meet with faculty regularly to create an appropriate outcome and to provide an organizational framework for success of the multi-section course. Preparation of ABET materials is similarly a significant responsibility; a minimum contribution is to provide timely delivery of materials in association with the schedule that has been agreed upon.

## 2.0 Research or Other Creative/Scholarly Activities

**Core Criterion:** Promotion to Professor requires that a faculty member has established a unique and scholarly expertise and reputation in their field and demonstrates activity that aligns with this professional direction.

*Includes scholarly publications, proposal and grant activity, support and advising of graduate students.*

**2.1 Criterion Minimum Requirements** for promotion to Professor requires a research plan and alignment of the faculty member's activity and accomplishment with the plan. The faculty member's portfolio should provide evidence that their research trajectory is building their own reputation in their field.

### 2.2. Further Criterion Considerations

**2.2 (A) Directing thesis committees or project advisory groups.** A successful thesis or project advisor should provide evidence that they have purposefully and deliberately guided the student through the process. The quality of a master's thesis or project may vary due to circumstances beyond an advisor's (committee chair's) control, so documentation of the process is paramount to demonstrating success by the faculty member. Simply participating as an advisor is not sufficient; the advisor should play an active role in a student's research or project and through their efforts help students produce a greater impact in their work. Faculty advisors are responsible for providing guidance in an advisory role to identify a viable and suitable project, that resources are available to complete the project, and to provide timely feedback during all stages of the thesis including careful feedback on the student's thesis. Participation in the graduate program, especially by being a graduate student thesis advisor or project advisor is strongly encouraged (departmental clarifications should comment on the graduate program and how faculty in the department can appropriately participate in the graduate program). Individuals that seek promotion are strongly encouraged to be active participants in the development of a high-quality graduate program.

**2.2 (B) Publications and patents** must be evaluated for their quality and impact; to inform this statement, departments as a part of refining the university criteria must provide recommendations for publication venues (journals and conferences) that are considered high value for the fields represented by the department. As a part of a review, department committees are expected to provide input on the quality of the journals and/or conferences present in a faculty member's promotion package (note that this includes identification of predatory journals as well as specification of journals that are of high quality).

**2.2 (C) Mainstream journal articles or conference presentations** are easier to assess since departments have the opportunity to provide input regarding conference quality and journal quality. More specialized outlets may be appropriate depending on the faculty member's area of expertise. In all cases, faculty should be able to defend the appropriateness and quality of the venues in which they publish. ***Faculty for all publications must indicate their contribution to the publication and the types of collaboration with co-authors.*** A faculty member's presentation at conferences should build their reputation and that of the university.

**2.2 (D) Multi-author publications** are many times warranted. However, the author list should make sense and a "me too" style of publication is strongly discouraged. When individuals are listed as an author on a publication, they should be able to identify what they contributed to the publication and what fraction of the publication's content is directly from their efforts.

**2.2 (E) Articles that are simply the result of student work** in a class, with little faculty involvement by themselves do not indicate scholarly achievement; similarly, publications in low quality conferences are appropriate stepping stones to more prestigious publications recognized by their

respective professional societies but are not significant in their own right. Articles where a faculty member provided critical and ongoing guidance to students are encouraged.

**2.2 (F) Provisional patents** are difficult to assess because they are not reviewed and may or may not indicate scholarly achievement. Individuals must provide sufficient information for reviewers to assess the importance of the provisional filing and the faculty member's contribution to the work.

**2.2 (G) Patents that have been granted** represent a more significant achievement and their importance may be assessed by the "use" of the patent.

**2.2 (H) Activity with industrial partners** documented by how the activity has advanced the state of the art of the partner and/or how the activity has brought value to Florida Poly.

**2.3 Proposal and grant application activity** should be documented in a way that shows the contribution of the faculty member to the overall grant effort. Proposals should align with the department and/or institution research directions and be submitted according to standard and appropriate procedures. Collaborations both within Florida Poly and external to the university are strongly encouraged. **While there is no minimum standard for grant activity, for most of the fields represented at Florida Poly, strong participation and/or authorship in proposals is a requirement for promotion.** If the candidate belongs to a discipline where there is no funding opportunity, evidence of critical peer review must be included in the candidate's publication record. Internally and externally funded grants, contracts, and awards are required to advance research agendas, and in all disciplines, funding typically provides evidence of critical peer review. Therefore, candidates are strongly encouraged to provide evidence of applications to appropriate external funding opportunities. Funding history, prestige of the funding source(s), strenuousness of the peer review, oversubscription rate of the funding opportunity, size of the award, and impact on the productivity and quality of scholarship will be considered in the evaluation. On grants where multiple authors contribute, the candidate must provide an explanation of their technical contribution to the effort.

## 3.0 Service to external professional societies and contributions to the University and department.

**Core Criterion:** Individuals that seek the rank Professor must show that they have experience across the institution and that they are routine and active contributors to the institution. A key element in consideration of promotion to Professor is “institutional citizenship” displayed by the candidate.

*“Service” includes supporting activities for professional societies and contributions to the University and department.*

**3.1 Minimum Requirement.** Promotion to Professor requires that a faculty member is contributing to, and providing leadership for their department and profession in a positive way.

### 3.2 Criterion Considerations

**3.2 (A) No service activity of significance overall for a multi-year period is strong cause for concern.**

**3.2 (B)** Simply being a member of a committee is not an indication of service contribution; a faculty member must provide evidence of how their effort provided value to the university. The service contribution must be appropriate to the co- or extra-curricular activity that the faculty member is an active advisor or participant.

**3.2 (C)** Service to one’s professional society should be present and demonstrated in order to achieve promotion. For all faculty, using professional society service to build one’s own reputation can be effective.

### 3.3 Special Consideration of Administration Contribution

As with other universities, Florida Poly must acknowledge that administrative activity is critical to the success of the university and that this activity must be included appropriately in an individual’s request for promotion. In the case of individuals that have held the rank “Associate Professor” for a cumulative period that is greater than ten years, with a minimum of four years at Florida Poly, the effectiveness of their leadership may be used as a substantial replacement for research excellence. The following discussion follows language adopted by the University of California at Santa Barbara.

*“Faculty Administrators, including Department Chairs, and Directors, who discharge their administrative duties with thoroughness and distinction and who give effective academic leadership to their department may not have much time left for teaching and research. It may be difficult for Administrators to maintain themselves as scholars during the period of service in the administrative position. It must be acknowledged that they have had to give up to administrative duties time they would otherwise have been able to devote to teaching and scholarship and reviewing agencies must take into account the extent and quality of their administrative service in considering them for merit increases and for promotions. The principle involved is that academic leadership is, in itself, a significant academic activity. Both departments and reviewing agencies should take the amount of administrative service into consideration when setting expectations for achievement within a review period. While service in and of itself cannot serve as the primary grounds for advancement, it is appropriate to consider excellence in administrative service as part of the academic review.*

*While time devoted to administrative service may be taken into consideration regarding expectations for merit review, career reviews (i.e. Promotions in rank, and advancement to Step VI of the Professorship or to an above scale salary), are of greater significance than merit increases within rank and can not be justified wholly on the basis of administrative service. The standards for advancement may not be lessened. Nevertheless, although promotion from Associate Professor to Professor requires evidence of intellectual attainment and growing distinction, substantial evidence of these qualities may well be found in the way in which successful administrators perform their duties. In the case of promotion for Assistant Professor to tenure rank, the requirement of 'superior intellectual attainment, as evidenced both in teaching and research or creative achievement' cannot be waived. But an Assistant Professor who has served effectively as an administrator has evidenced a considerable degree of intellectual maturity if he/she has provided academic leadership for persons of higher rank, and this certainly should be considered in evaluating his/her promotion to tenure.*

*In assessing the merits of an administrator, it will be necessary to follow the regular procedures of review. However, a special effort should be made to assure that Administrators are not passed over. The advice of other administrative officers, individuals outside of the department, and reviewing agencies will be particularly important in such cases. After an administrator leaves the position, his/her further advancements in salary or rank should be judged by the regular criteria."*

## 4.0 Overall recommendation

**Core Criterion:** For Promotion to Professor, the candidate must demonstrate strong, ongoing contribution to the University and leadership capacity, ability to perform their full suite of duties with a high-degree of quality and independence by *demonstrating* accomplishment in teaching, established reputation in research, and service that positively advances the University, department, and program.

**4.1 Minimum Requirements:** For a Professor the minimum qualifications are “*sustained and significant contributions in the relevant discipline and/or interdisciplinary area.*” Individuals that are to achieve promotion must meet the minimum criteria for the rank.

**4.2. Overall Considerations:** Because Florida Poly has grown quickly and the demands placed upon faculty have included effort to build the institution, consideration of this effort is appropriate. Such consideration should be based on demonstrable evidence of contribution to advance teaching, research, or other significant institutional effort as it impacts time taken away from other areas. It is incumbent on the faculty member under review to provide a clear and honest presentation of the nature and impact of their contribution and how it is impactful for the institution. ***The overall evaluation of a faculty member must consider the long-term impact of a faculty member’s efforts on the health of the institution and review committees must exercise judgement regarding this impact.*** In addition, consideration of the evidence provided in an individual’s application should carefully consider the effect of the course load assigned to the faculty member, resource availability, faculty rank, and any other assigned university duties, when comparing faculty achievement for Florida Poly faculty to those at other institutions.

**4.2 (A)** Noting the statement above, individuals must provide evidence of “demonstrated proficiency and breadth in **instructional** quality and capacity.”

**4.2 (B)** Similarly, a faculty member must provide evidence of a growing research reputation and indications of **research** accomplishment.

**4.2 (C)** Finally, the dossier must provide evidence of involvement in the university community with **service** or other activities that add value to the university community.

**4.3. Review committees** must work carefully and confidentially, as they consider the reviews for faculty members and the committees must set aside personal relationships and consider the accomplishments of the faculty member being reviewed.



### Department Clarification "Framework"

Department: Natural Sciences

Clarifications formally approved on: December 18, 2020 by Natural Sciences

Clarification for: *Reappointment to a three-year term as an Assistant Professor*

#### 1.0 Instruction

**Core Criterion: A faculty member must clearly be contributing to the instructional mission.**

##### 1.3 Overall Criterion Considerations & Recommendations

##### 1.3(D) Further Departmental comment on Instructional contribution

- No specifics added.

##### 1.4 Factors to consider in terms of "effort"

##### 1.4(A) Departmental clarifying comment on "effort"

- Active faculty effort toward improving quality of repeated service-level and gateway courses carries value of no less in importance than multiple preparations at upper-level. See also 1.6(b).

##### 1.5 Factors to consider in terms of "quality"

##### 1.5(A) Departmental comment on "quality"

- No specifics added.

##### 1.6 Further Criterion Consideration

##### 1.6(G) Departmental clarification on "Further Criterion Considerations"

- No specifics added.

#### 2.0 Research or Scholarly/Creative Activities

**Core Criterion: At the Assistant Professor level, a faculty member should demonstrate that they are pursuing a research direction that has the potential to develop an expertise in their field and have activity that aligns with this professional direction.**

##### 2.2 Further Criterion considerations

##### 2.2(I) Departmental Clarifying Comment on Criterion Considerations

- Recognition for documented faculty role in support of undergraduate and graduate research activity should be valued appropriately recognizing that faculty in SAM at this stage do not have opportunities equivalent to faculty in other departments (relative to 2.2(a)). Namely, there is no specific graduate program or track in the department and even upper-division undergraduate coursework is only just beginning at a programmatic level in 2021 on a very limited basis.
- (RE: 2.2.(d.)) Multi-author publications in Physics, Chemistry and Biology are the norm. Multi-investigators, multi-institutional and international collaborations in research is very common in executing cutting-edge research with interdisciplinary nature. The teams

collaborate in research with different expertise and facilities to augment quality works and publications.

- (RE: 2.2(g.)) Patents, not as typical in sciences as engineering, tend to require greater effort to result in being granted, such that granting a patent is notable factor.

### 2.3 Important Note on Proposal and Grant Activity:

#### 2.3(A) Departmental Comment on Proposal and Grant Activity

- No specifics added

### Service

**Core Criterion: At the Assistant Professor level, service expectations are that a faculty member is contributing to their department and profession in a positive way.**

#### 3.2(D) Departmental clarifying comment on Criterion Considerations

- Service in excess of what is expected for the candidate's level should be highly regarded.

### 4.0 Overall Recommendation

**Core Criterion: The faculty member's overall effort demonstrates capacity for long-term, positive impact and contribution to the health of the campus and to advancing the mission of the University, the department, and its programs.**

#### 4.1 Overall Criterion Considerations.

##### 4.1(A) Departmental comment on overall criterion Considerations

- No specifics added

#### 4.2 Further Criterion Considerations

##### 4.2(C) Departmental Comment on Further Criterion Considerations

- No specifics added

### Department Clarification "Framework"

Department: Natural Sciences

Clarifications formally approved on: December 18, 2020 by Natural Sciences

Clarification for: *Reappointment to a three-year term as an Associate Professor*

#### 1.0 Instruction

**Core Criterion: Associate Professors must show proficiency and maturity in instruction by clearly contributing to the instructional mission, delivering their assigned courses, and by contributing to the departmental and university educational mission.**

##### 1.3 Overall Criterion Considerations & Recommendations

##### 1.3(D) Further Departmental comment on Instructional contribution

- No specifics added.

##### 1.4 Factors to consider in terms of "effort"

##### 1.4(A) Departmental clarifying comment on "effort"

- Active faculty effort toward improving quality of repeated service-level and gateway courses carries value of no less in importance than multiple preparations at upper-level. See also 1.6(b).

##### 1.5 Factors to consider in terms of "quality"

##### 1.5(A) Departmental comment on "quality"

- No specifics added.

##### 1.6 Further Criterion Consideration

##### 1.6(G) Departmental clarification on "Further Criterion Considerations"

- No specifics added.

#### 2.0 Research or Scholarly/Creative Activities

**Core Criterion: At the Associate Professor level, a faculty member should provide evidence of an established and growing focused research presence and have activity and results that aligns with this requirement.**

##### 2.2 Further Criterion considerations

##### 2.2(I) Departmental Clarifying Comment on Criterion Considerations

- Recognition for documented faculty role in support of undergraduate and graduate research activity should be valued appropriately recognizing that faculty in SAM at this stage do not have opportunities equivalent to faculty in other departments (relative to 2.2(a)). Namely, there is no specific graduate program or track in the department and even upper-division undergraduate coursework is only just beginning at a programmatic level in 2021 on a very limited basis.
- (RE: 2.2.(d.)) Multi-author publications in Physics, Chemistry and Biology are the norm. Multi-investigators, multi-institutional and international collaborations in research is very

common in executing cutting-edge research with interdisciplinary nature. The teams collaborate in research with different expertise and facilities to augment quality works and publications.

- (RE: 2.2(g.)) Patents, not as typical in sciences as engineering, tend to require greater effort to result in being granted, such that granting a patent is notable factor.

### 2.3 Important Note on Proposal and Grant Activity:

#### 2.3(A) Departmental Comment on Proposal and Grant Activity

- No specifics added

### 3.0 Service

**Core Criterion: At the Associate Professor level, service expectations are that a faculty member is contributing to their department and profession in a positive way and, where appropriate, takes a leadership role.**

#### 3.2(D) Departmental clarifying comment on Criterion Considerations

- Service in excess of what is expected for the candidate's level should be highly regarded.

### 4.0 Overall Recommendation

**Core Criterion: The Associate Professor demonstrates strong, ongoing contribution to the University and performs their full suite of duties with a high-degree of quality and independence, demonstrating accomplishment in teaching, appropriate reputation in research, and service that positively advances the University, department, and program.**

#### 4.2 Further Criterion Considerations

##### 4.2(C) Departmental Comment on Further Criterion Considerations

- No specifics added

### Department Clarification "Framework"

Department: Natural Sciences

Clarifications formally approved on: December 18, 2020 by Natural Sciences

Clarification for: *Promotion from Assistant Professor to Associate Professor*

#### 1.0 Instruction

**Core Criterion: A faculty member must clearly be contributing to the instructional mission by demonstrating proficiency and breadth in instructional quality and capacity.**

1.3 Overall Criterion Considerations & Recommendations

1.3(D) Further Departmental comment on Instructional contribution

- No specifics added.

1.4 Factors to consider in terms of "effort"

1.4(A) Departmental clarifying comment on "effort"

- Active faculty effort toward improving quality of repeated service-level and gateway courses carries value of no less in importance than multiple preparations at upper-level. See also 1.6(b).

1.5 Factors to consider in terms of "quality"

1.5(A) Departmental comment on "quality"

- No specifics added.

1.6 Further Criterion Consideration

1.6(G) Departmental clarification on "Further Criterion Considerations"

- No specifics added.

#### 2.0 Research or Scholarly/Creative Activities

**Core Criterion: Promotion to Associate Professor requires a faculty member to demonstrate a unique and scholarly expertise in their field and have activity that aligns with this professional direction.**

2.2 Further Criterion considerations

2.2(I) Departmental Clarifying Comment on Criterion Considerations

- Recognition for documented faculty role in support of undergraduate and graduate research activity should be valued appropriately recognizing that faculty in SAM at this stage do not have opportunities equivalent to faculty in other departments (relative to 2.2(a)). Namely, there is no specific graduate program or track in the department and even upper-division undergraduate coursework is only just beginning at a programmatic level in 2021 on a very limited basis.
- (RE: 2.2.(d.)) Multi-author publications in Physics, Chemistry and Biology are the norm. Multi-investigators, multi-institutional and international collaborations in research is very common in executing cutting-edge research with interdisciplinary nature. The teams collaborate in research with different expertise and facilities to augment quality works and publications.



- (RE: 2.2(g.)) Patents, not as typical in sciences as engineering, tend to require greater effort to result in being granted, such that granting a patent is notable factor.

2.3 Important Note on Proposal and Grant Activity:

2.3(A) Departmental Comment on Proposal and Grant Activity

- No specifics added

### 3.0 Service

**Core Criterion: Promotion to Associate Professor requires that a faculty member is contributing to their department and profession in a positive way and has demonstrated capacity to assume a leadership role.**

3.2(D) Departmental clarifying comment on Criterion Considerations

- No specifics added

3.3(A) Departmental Clarifying Comment on Special Consideration of Administration Contribution

- No specifics added

### 4.0 Overall Recommendation

**Core Criterion: For Promotion to Associate Professor the candidate must demonstrate strong, ongoing contribution to the University, ability to perform their full suite of duties with a high-degree of quality and independence by demonstrating accomplishment in teaching, appropriate trajectory in research, and service that positively advances the University, department, and program**

4.2 Further Criterion Considerations

4.2(D) Departmental Comment on Further Criterion Considerations

- No specifics added

### Department Clarification "Framework"

Department: Natural Sciences

Clarifications formally approved on: December 18, 2020 by Natural Sciences

Clarification for: *Promotion from Associate Professor to Professor*

#### 1.0 Instruction

**Core Criterion:** Overall promotion requires demonstrated proficiency and breadth in instructional quality and capacity and leadership in the delivery of and development as required for new curriculum.

##### 1.3 Overall Criterion Considerations & Recommendations

##### 1.3(D) Further Departmental comment on Instructional contribution

- Active faculty effort toward improving quality of repeated service-level and gateway courses carries value of no less in importance than multiple preparations at upper-level. See also 1.6(b).

##### 1.4 Factors to consider in terms of "effort"

##### 1.4(A) Departmental clarifying comment on "effort"

- No specifics added.

##### 1.5 Factors to consider in terms of "quality"

##### 1.5(A) Departmental comment on "quality"

- No specifics added.

##### 1.6 Further Criterion Consideration

##### 1.6(G) Departmental clarification on "Further Criterion Considerations"

- No specifics added.

#### 2.0 Research or Scholarly/Creative Activities

**Core Criterion:** Promotion to Professor requires that a faculty member has established a unique and scholarly expertise and reputation in their field and demonstrates activity that aligns with this professional direction.

##### 2.2 Further Criterion considerations

##### 2.2(I) Departmental Clarifying Comment on Criterion Considerations

- Recognition for documented faculty role in support of undergraduate and graduate research activity should be valued appropriately recognizing that faculty in SAM at this stage do not have opportunities equivalent to faculty in other departments (relative to 2.2(a)). Namely, there is no specific graduate program or track in the department and even upper-division undergraduate coursework is only just beginning at a programmatic level in 2021 on a very limited basis.
- (RE: 2.2.(d.)) Multi-author publications in Physics, Chemistry and Biology are the norm. Multi-investigators, multi-institutional and international collaborations in research is very common in executing cutting-edge research with interdisciplinary nature. The teams

collaborate in research with different expertise and facilities to augment quality works and publications.

- (RE: 2.2(g.)) Patents, not as typical in sciences as engineering, tend to require greater effort to result in being granted, such that granting a patent is notable factor.

2.3 Important Note on Proposal and Grant Activity:

2.3(A) Departmental Comment on Proposal and Grant Activity

- No specifics added.

### 3.0 Service

**Core Criterion: Individuals that seek the rank Professor must show that they have experience across the institution and that they are routine and active contributors to the institution. A key element in consideration of promotion to Professor is “institutional citizenship” displayed by the candidate.**

3.2(D) Departmental clarifying comment on Criterion Considerations

- No specifics added.

3.3(A) Departmental Clarifying Comment on Special Consideration of Administration Contribution

- No specifics added.

### 4.0 Overall Recommendation

**Core Criterion: For Promotion to Professor, the candidate must demonstrate strong, ongoing contribution to the University and leadership capacity, ability to perform their full suite of duties with a high-degree of quality and independence by *demonstrating* accomplishment in teaching, established reputation in research, and service that positively advances the University, department, and program.**

4.2 Overall Criterion Considerations.

4.2(D) Departmental comment on overall criterion Considerations

- No specifics added.