Grading Process Task Force Annual Report to GMU Faculty Senate (2023-2024)

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The goal of this long-term project is 1) to consider the grading scheme used at George Mason University for graduate and undergraduate students and 2) to make a recommendation for future grading processes. The GPTF met approximately monthly, via Teams, and made progress on the first goal.

Initial findings on current use of Mason's grading scheme

The GPTF found that clarification of how the current grade scheme is used is a necessary first step in assessment of the advantages and disadvantages of the current A+ to F grade scheme. It was noted in an early meeting of the Task Force that different academic units have differing uses of the grade scheme which might be reflected in different uses of certain letter grades.

To examine these impressions globally and quantifiability, Doug McKenna provided grade data (without student personal indicators) from all units between 2017-2023. Kenneth Strazzeri and Phil Martin analyzed this data and found meaningful differences between units with respect to the frequency of grades assigned, as well as similarities in the lack of use of some grades. Some grades were very rarely assigned or never assigned. For example, the grade of C- was only assigned to undergraduates in 1% of grades across campus. Comparing average grades at the college level, there is notable cross-college variation in average grades among undergraduates. The mean undergraduate grade on the 0-4 scale ranged from 2.92 (College of Science) to 3.60 (Health and Human Services). For graduates, there was less cross-college variation. The mean graduate grade ranged from 3.62 (Engineering and Computing) to 3.86 (College of Public Health). The compressed range of grades at the graduate level likely reflects in part the higher minimum passing
grade (B-) in many graduate programs. The most commonly-awarded grade was an A among both graduates (49%) and undergraduates (26%). Across nearly all colleges, the average undergraduate grades saw a notable rise in 2020 compared to other academic years. Post-2020, average grades University-wide returned to their pre-2020 levels.

To contextualize the use of the grade scheme by faculty, as well as both the communicative value of the scheme (both internally and externally), the GPTF formed a subcommittee to examine use of the current grade scheme through a qualitative lens. The data collection for the qualitative analysis will involve ‘listening sessions’ with faculty and current students. Members of the qualitative subcommittee have developed a plan for the listening session and developed a survey instrument that may also be used to gauge how faculty conceive of the communicative value of grades and current use of the existing scheme. This subcommittee also developed a Qualtrics form to gauge grading scales being used across courses at GMU.

**Initial review of peer institutions**

The GPTF was charged to conduct a review of the grading schemes of peer institutions; 29 Cohort universities for George Mason University were chosen by SCHEV recommendations, in addition to those peer universities used by the George Mason COACHE Committee when analyzing faculty survey data (see Appendix 1). A majority (75-82%) of our cohorts assign letter grades of A, B, C, D, F including + and – schemas, however they do not assign A+ grades. An A letter is the highest grade used for a 4.0 GPA. Example: A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F. No cohort university assigns F- grades. 21-39% do not assign C- and D- grades, respectively. Alexandra Masterson and Doug McKenna contributed to this initial analysis of peer institutions.

**Ongoing literature review**

The GPTF has initiated a literature review to better understand current research about grades and grading and the effects of grades and grading on students and instructors. We expect to use the literature to inform future recommendations as part of the final report.

**Goals for the 2024-2025 academic year**

The GPTF plans on continuing our progress on both quantitative and qualitative analyses on how the current grade scheme is used. We plan on integrating student demographic
data into our grade analysis, as approval to obtain and use that data for this purpose was recently obtained by the Registrar’s office. We will deploy the materials developed by the qualitative subcommittee to bring faculty perspectives into our assessment and to review grading scales in use across campus. We have recently formed a subcommittee to examine best practices and existing scholarship regarding grading schemes, and we anticipate that work will be highly informative as we formulate our recommendations about which grade scheme best fits the mission of George Mason University.

Appendix 1: Peer Institutions

SCHEV Approved Peer Groups for George Mason University
Arizona State University at the Tempe Campus
Boston University
Florida State University
George Washington University
Michigan State University
New York University
North Carolina State University at Raleigh
Northeastern University
Rutgers University-New Brunswick/Piscataway
Stony Brook University
SUNY at Albany
Syracuse University
Temple University
University of Arizona
University of Connecticut
University of Florida
University of Illinois at Urbana-Champaign
University of Kansas Main Campus
University of Maryland-College Park
University of Massachusetts-Amherst
University of Minnesota-Twin Cities
University of Nebraska at Lincoln
University of North Carolina at Chapel Hill
University of Southern California
University of Washington-Seattle Campus

COACHE PEER GROUPS
North Carolina State University
Texas Tech University
University of Cincinnati
Virginia Commonwealth University

Appendix 2: President and Provost Interactions with GPTF

1. During the past calendar year has the President, Provost, or Senior Vice President (or their respective offices) announced initiatives or goals or acted upon issues that fall under the charge of your Committee? If so, was your Committee consulted by the President, Provost, or Senior Vice President in a timely manner before the announcement or action? If not, do you believe your Committee should have been consulted? Would it have been helpful to have had the input of your Committee from the outset?

    • No actions by these officials, nor their offices, have related to the work of the task force.

2. Did your Committee seek information or input from the President, Provost, or Senior Vice President or members of their staffs? If so, did they respond adequately and in a timely manner?

    • No input was sought.
3. Please suggest how you believe the President, Provost, Senior Vice President and/or their staffs might more effectively interact with your Committee in the future, if necessary.

   - No interactions are needed or requested at this time.

4. Please relate any additional information you may have regarding interactions between your Committee and the President, Provost, Senior Vice President, or their staff.

   - The work of the GPTF does not require interactions with these individuals.