

NSSE 2006 – Highlights

College of Engineering (ENGR)

- First-year students in ENGR reported that they more often ‘worked with other students on projects during class’. Both first-year students and seniors in ENGR reported that they more often ‘worked with classmates outside of class to prepare class assignments’ than UA students in general.
- Both first-year students and seniors in ENGR reported that they less often ‘asked questions in class or contributed to class discussions’ and ‘made a class presentation’ than UA students in general.
- Both first-year students and seniors in ENGR reported that they more often ‘tutored or taught other students’ than did UA students in general and AAU peers.
- ENGR seniors reported that they less often ‘discussed ideas ... with faculty members outside of class’ and less often ‘received prompt written or oral feedback from faculty...’ than reported by the UA sample and AAU peers.
- ENGR seniors, more than UA students in general and AAU peers, indicated that their coursework places more emphasis on ‘analyzing the basic elements of an idea, experience, or theories’. Both first-year students and seniors indicated that their coursework places more emphasis on ‘applying theories or concepts to practical problems or in new situations’.
- Larger numbers of ENGR first-year students and seniors indicated that they ‘plan to’ or have completed a practicum, internship, field experience, co-op experience, or clinical assignment and ‘plan to or have ‘worked on a research project with a faculty outside of course or program requirements’. More ENGR seniors reported that they ‘plan to’ or have completed ‘a culminating senior experience’.
- When asked to what extent their institution has contributed to ‘writing clearly and effectively’, ‘speaking clearly and effectively’, and ‘working effectively with others’, ENGR seniors reported less experience than the UA sample.
- When asked to what extent their institution has contributed to ‘analyzing quantitative problems’, both ENGR first-year students and seniors reported more experience than UA students in general and AAU peers.
- ENGR first-year students reported more experience with ‘working effectively with others’ than did their counterparts at the UA and AAU peers.
- ENGR seniors rated the quality of advising higher than the UA sample and their AAU peers.

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