

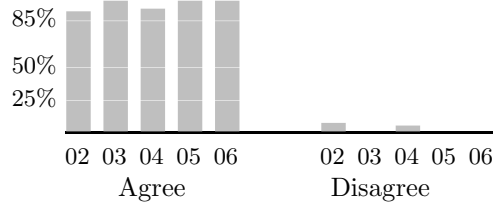
Trends in Senior Exit Survey Data for Academics Years 2001-2002 through 2005-2006

Florida Tech Department of Computer Sciences

Summer 2006

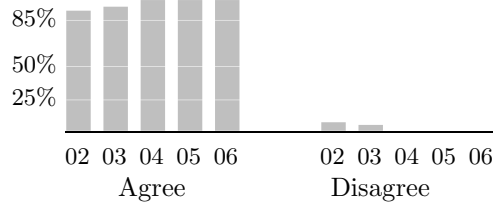
The bar charts below show the trends in responses from a survey completed by graduating seniors. The survey is intended to document the students' belief about their achievement of many of the program outcomes they should be expected to know by the time of graduation. As a target, we have set cumulative agreement above 85% as indicating that an outcome has been adequately met.

Science and Mathematics



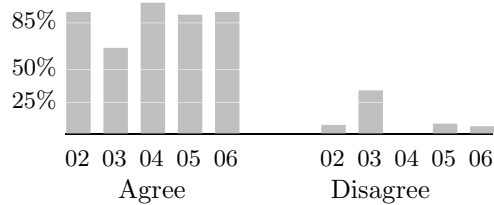
Cumulative 70 (97.2%) of 72 graduating senior agree they have knowledge of science and mathematics.

Programming Fundamentals



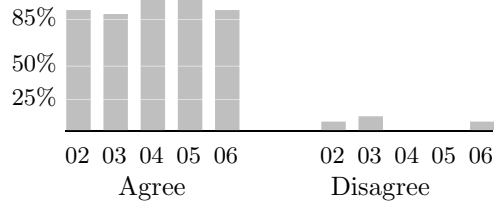
Cumulative 70 (97.2%) of 72 graduating senior agree they have knowledge of programming fundamentals.

Advanced Computer Science



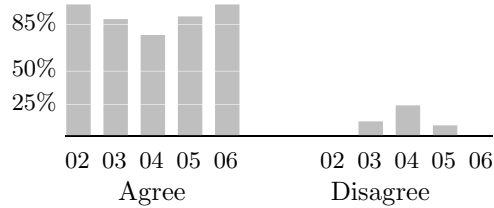
Cumulative 63 (87.5%) of 72 graduating senior agree they have knowledge of advanced computer science.

Computational Problem Solving



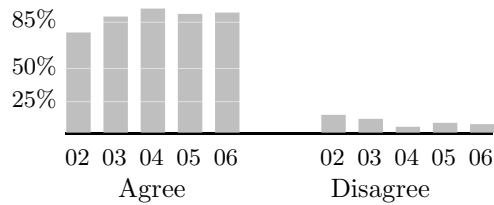
Cumulative 68 (94.4%) of 72 graduating senior agree they have developed computational problem solving skills.

Scientific Experimentation



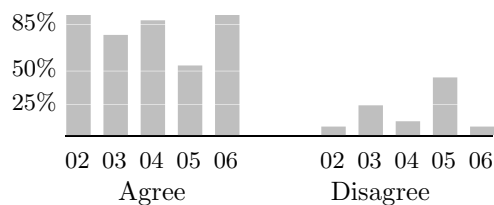
Cumulative 65 (90.3%) of 72 graduating senior agree they have developed an ability to experiment and discover knowledge.

Holistic Thinking



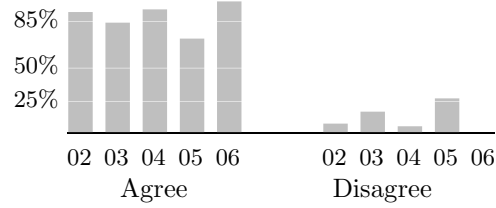
Cumulative 64 (88.8%) of 72 graduating senior agree they have developed an ability to think holistically (identify interactions in systems, prioritize trade-offs, make judgments).

Personal Skills



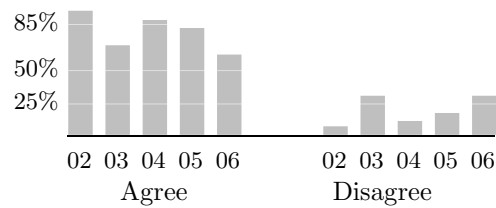
Cumulative 58 (80.6%) of 72 graduating senior agree they have developed an personal skills (initiative, creativity, curiosity).

Professional Skills



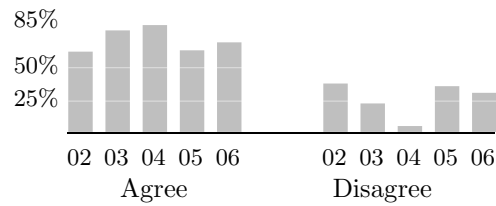
Cumulative 63 (87.5%) of 72 graduating senior agree they have developed an professional skills (ethics, responsibility, staying current).

Team Work



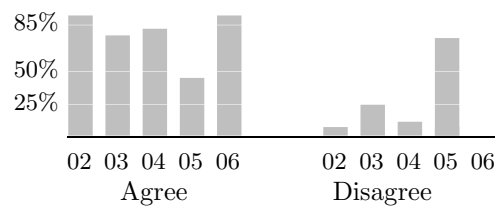
Cumulative 54 (75.0%) of 72 graduating senior agree they have developed an ability to work on multidisciplinary teams.

Written Communication



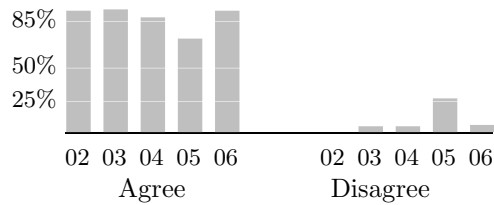
Cumulative 52 (72.2%) of 72 graduating senior agree they have developed written communication skills.

Oral Communication



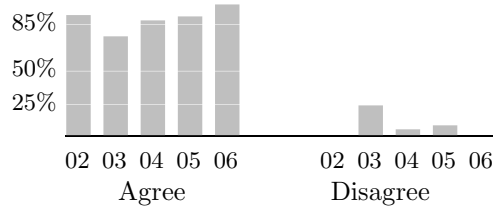
Cumulative 57 (79.1%) of 72 graduating senior agree they have developed oral communication skills.

Graphical and Multimedia Communication



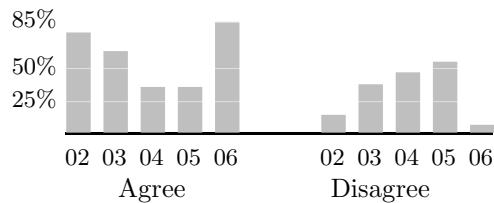
Cumulative 64 (88.8%) of 72 graduating senior agree they have developed an ability to use graphical and multimedia communication.

Role and Responsibility for Society



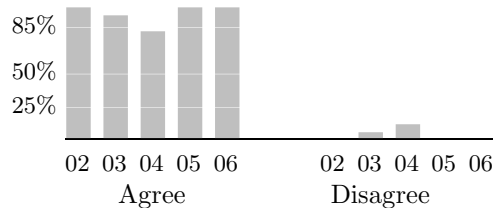
Cumulative 63 (87.5%) of 72 graduating senior agree they have developed an understanding for their role and responsibility in and for society.

Enterprise and Business



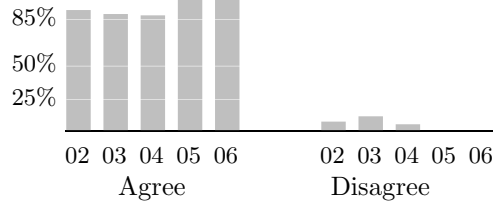
Cumulative 42 (58.3%) of 72 graduating senior agree they have developed an understanding of enterprise and business context (strategies, planning, entrepreneurship).

Software Conception



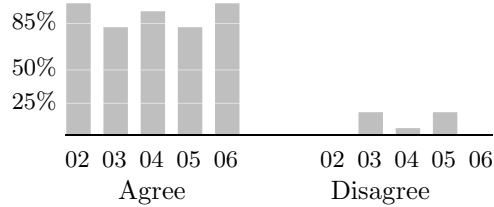
Cumulative 68 (94.4%) of 72 graduating senior agree they have developed an ability to conceive software systems (requirements, function, architecture, model).

Software Design



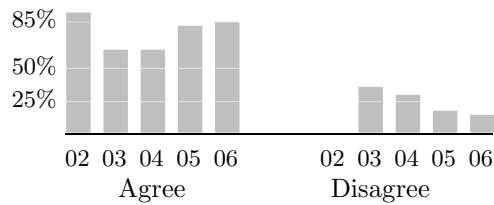
Cumulative 68 (94.4%) of 72 graduating senior agree they have developed an ability to design software systems.

Software Implementation



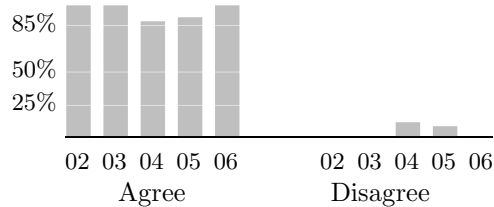
Cumulative 67 (93.1%) of 72 graduating senior agree they have developed an ability to implement software systems.

Operate Software Systems



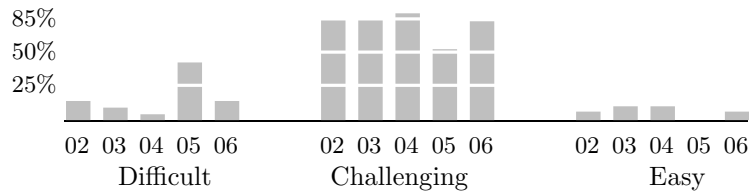
Cumulative 54 (75.0%) of 72 graduating senior agree they have developed an ability to operate software systems (install operating systems and applications, use software tools).

Recommend Florida Tech



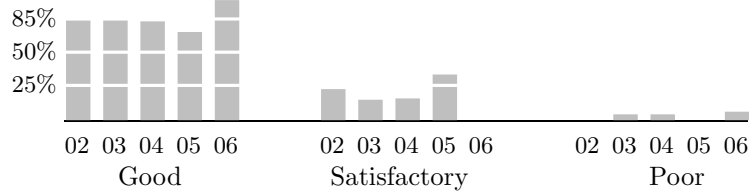
Cumulative 69 (95.8%) of 72 graduating senior would recommend Florida Tech to others who want to study in the computer sciences.

Course Difficulty



Cumulative 12 (16.7%) of 72 graduating senior believe the courses offered by the Department of Computer Sciences are difficult. 54 (75.0%) of 72 graduating senior believe the courses offered by the Department of Computer Sciences are challenging. 6 (8.3%) of 72 graduating senior believe the courses offered by the Department of Computer Sciences are easy.

Quality of Instruction



Cumulative 56 (77.8%) of 72 graduating senior believe the quality of instruction offered by the faculty in the Department of Computer Sciences is excellent or good. 12 (16.7%) of 72 graduating senior believe the quality of instruction offered by the faculty in the Department of Computer Sciences is satisfactory. 3 (4.2%) of 72 graduating senior believe the quality of instruction offered by the faculty in the Department of Computer Sciences is poor.