3460:480 SE Survey - Fall 2021

Section
47 responses

- 010 2 - 3:15 pm Monday and Wednesday (66%)
- 020 3:30 - 4:45 pm Monday and Wednesday (34%)
Major
47 responses

- Computer Science: 46 (97.9%)
- Computer Engineering: 1 (2.1%)
- Applied math (double major): 1 (2.1%)
Minor
47 responses

- None: 41 (87.2%)
- Computer Engineering: 0 (0%)
- Computer Science: 1 (2.1%)
- Applied Math and Statistics: 1 (2.1%)
- math: 1 (2.1%)
- Spanish: 1 (2.1%)
- Applied Math: 1 (2.1%)
- Music: 1 (2.1%)

Programming Languages
47 responses

- C++: 47 (100%)
- C#: 18 (38.3%)
- C: 18 (38.3%)
- Java: 21 (44.7%)
- JavaScript: 21 (44.7%)
- Python: 25 (53.2%)
- Ruby: 1 (2.1%)
- Perl: 0 (0%)
- PHP: 10 (21.3%)
- Swift: 2 (4.3%)
- Objective-C: 1 (2.1%)
- Smalltalk: 0 (0%)
- Eiffel: 0 (0%)
- SQL, bash: 1 (2.1%)
- TypeScript, Angular Framework: 1 (2.1%)
- Ziglang, objeck (sort of like Smalltalk): 1 (2.1%)
- html: 1 (2.1%)
- HTML, CSS: 1 (2.1%)
**Version Control Tools**

47 responses

- **Subversion/SVN**: 33 (70.2%)
- **git**: 29 (61.7%)
- **Mercurial**: 0 (0%)
- **Have never used version control**: 1 (2.1%)
- **TFS/TFVC**: 1 (2.1%)

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**Completed CS Courses**

47 responses

- **3460:316 Data Structures**: 33 (70.2%)
- **3460:395 Internship in CS**: 4 (8.5%)
- **3460:421 Object-Oriented Programming**: 19 (40.4%)
- **3460:426 Operating Systems**: 11 (23.4%)
- **3460:435 Algorithms**: 11 (23.4%)
- **3460:490 Senior Seminar**: 1 (2.1%)
- **No classes on this list**: 12 (25.5%)
- **Computer Systems, and CS1 & CS2**: 1 (2.1%)
- **Computer Systems**: 1 (2.1%)
- **Database Management, and**: 1 (2.1%)
Current CS Courses

47 responses

- 3460:316 Data Structures: 8 (17%)
- 3460:395 Internship in ISPs and Data Management: 4 (8.5%)
- 3460:421 Object-Oriented Analysis and Design: 1 (2.1%)
- 3460:426 Operating Systems: 14 (29.8%)
- 3460:435 Algorithms: 1 (2.1%)
- 3460:490 Senior Seminar: 0 (0%)

No classes on this list: 15 (31.9%)

Internet Systems Programming: 2 (4.3%)
Database Management: 2 (4.3%)
Database Management: 1 (2.1%)
AI and Heuristics, Data Management: 1 (2.1%)
Parallel Processing: 1 (2.1%)
AI and Heuristics, Data Management: 1 (2.1%)
Database Management: 1 (2.1%)
Database Management: 1 (2.1%)

Class Programming Assignment/Project Experience
What was the maximum number of hours you spent coding for a single class assignment/project?

47 responses

- 2 hours: 44.7%
- 4 hours: 34%
- 8 hours (1 day): 10.6%
- 16 hours (2 days): 8.5%
- 40 hours (5 days, 1 week): 4.0%
- 160 hours (20 days, 4 weeks): 1.0%
- Longer: 10.6%

What was the longest timespan that you spent coding for a single class assignment/project?

47 responses

- 4 hours (or less): 36.2%
- 1 day: 40.4%
- 2 days: 8.5%
- 1 week: 10.6%
- 2 weeks: 8.5%
- 1 month: 1.0%
- Longer: 1.0%
Assume you did not finish a class assignment/project. In the worst case, which of the following applies?

47 responses

- Physical harm: 2 (4.3%)
- Financial harm: 10 (21.3%)
- A non-tech person would...: 12 (25.5%)
- A tech person would be a...: 10 (21.3%)
- You would be annoyed: 40 (85.1%)
- Your instructor would be...: 33 (70.2%)
- No physical or financial h...: 3 (6.4%)
- unsure: 1 (2.1%)
- Fail course: 1 (2.1%)
- I don't understand this qu...: 1 (2.1%)
- I don't understand the qu...: 1 (2.1%)

What is the size of the largest group you were part of for a class assignment/project?

47 responses

- Only coded solo: 10.6%
- 1: 34%
- 2: 31.9%
- 3: 12.8%
- 4: 10.6%
- Larger: 34%