Graduating Senior Survey for the Bachelor's Degree in Computer Science

The Graduating Senior Survey is administered to assess the effectiveness of the program. All information you provide will be kept confidential. It will never be released in an individual mode, but only combined with other responses in a summary format.

Name: ________________________________________ Email: ______________________________

Term and Year Graduating:  ☐ Fall  ☐ Spring  ☐ Summer   _______________ (year)

If you have accepted an offer of employment, please provide the following:

Employer ______________________________ City ________________________ State __________
Position ________________________________ Annual Salary (optional) _______________________

Did you have more than six months of paid, professional experience in software development prior to graduation?
☐ Yes
☐ No

Did you participate in the co-op/internship program?
☐ Yes
☐ No
☐ Applied, but was not chosen to participate
☐ Was not aware of any co-op/internship opportunities

Were you awarded any merit scholarships, e.g., ETCS Scholarship of Excellence?
☐ Yes
☐ Applied, but did not receive an award
☐ Did not apply
☐ Was not aware of availability of any merit scholarships

Did you participate in any undergraduate research projects?
☐ Yes , with Professor ____________________________
☐ No
☐ Did not know any opportunities were available

When you started your undergraduate work at IPFW, you were a
☐ Freshman who applied as a high-school graduate
☐ Freshman who applied as a returning adult student
☐ Indiana Community College (Ivy Tech) transfer
☐ Transfer from another college or university

When was your first term at IPFW?  ☐ Fall  ☐ Spring  ☐ Summer   _______________ (year)

While at IPFW, did you actively participate as a member of a student organization?
☐ No
☐ I participated in the following organizations: _______________________________________

Are you planning to pursue a graduate degree?
☐ Yes, but sometime after I begin my professional career
☐ Yes, immediately after completing my undergraduate degree
☐ Undecided
☐ No
Please indicate the extent to which you agree with the following statements concerning the ABET learning outcomes associated with the CS program.

<table>
<thead>
<tr>
<th>Learning Outcomes</th>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Neither agree nor disagree</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. I have the ability to apply knowledge of computing and mathematics appropriate to the discipline.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>2. I have the ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>3. I have the ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>4. I have the ability to function effectively on teams to accomplish a common goal.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>5. I have an understanding of professional, ethical, legal, security and social issues and responsibilities.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>6. I have the ability to communicate effectively with a range of audiences.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>7. I have the ability to analyze the local and global impact of computing on individuals, organizations, and society.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>8. I recognize the need for and have the ability to engage in continuing professional development.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>9. I have the ability to use current techniques, skills, and tools necessary for computing practice.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>10. I have the ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>11. I have the ability to apply design and development principles in the construction of software systems of varying complexity.</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>
Please answer the following questions associated with the upper division CS courses.

Excluding CS 460, which upper division courses required a group project?

- None of the courses
- CS 321
- CS 350
- CS 360
- CS 364
- CS 365
- CS 368
- CS 372
- CS 374
- CS 380
- CS 384
- CS 421
- CS 472
- CS 474
- CS 482
- CS 486
- CS 488

Excluding CS 460, which upper division courses required an oral presentation?

- None of the courses
- CS 321
- CS 350
- CS 360
- CS 364
- CS 365
- CS 368
- CS 372
- CS 374
- CS 380
- CS 384
- CS 421
- CS 472
- CS 474
- CS 486
- CS 488

Excluding CS 460, which upper division courses required extensive writing (systems documentation, research paper, project proposal, etc.)?

- None of the courses
- CS 321
- CS 350
- CS 360
- CS 364
- CS 365
- CS 368
- CS 372
- CS 374
- CS 380
- CS 384
- CS 421
- CS 472
- CS 474
- CS 482
- CS 486
- CS 488

How would you rate the overall quality of professors in the Computer Science Department?

- Excellent
- Very Good
- Fair
- Poor

How would you rate the overall quality of the lab facilities in the Computer Science Department?

- Excellent
- Very Good
- Fair
- Poor

How would you rate the overall quality of your advising experiences in the Computer Science Department?

- Excellent
- Very Good
- Fair
- Poor

Please share with us any additional comments that could help us maintain or improve the quality of the IPFW CS program.