

# Valparaiso University Computing & Information Sciences Entry Survey

You are invited to participate in an important internet survey conducted by the CIS Department to help us understand and identify the experiences you had that may have influenced your decision to attend Valpo, declare a major, or take an Intro course. The survey will take 10-15 minutes to complete.

Your participation is voluntary. You do not have to be involved in this study if you do not want to be. You have the right to change your mind and leave the study at any time without giving any reason, and without penalty. You do not waive any of your legal rights by agreeing to this consent form.

There is no direct benefit to you for participating in this study. You will not receive any financial compensation for completing this survey. The risk in this research is minimal and is no greater than what you would ordinarily encounter in daily life.

Your participation in this study including all information you provide, will be kept anonymous and confidential. If you have any questions, you may contact Valparaiso University's Review Board at [valpoirb@valpo.edu](mailto:valpoirb@valpo.edu) or the study's independent consultant, Peak Research at [peakresearch@usa.net](mailto:peakresearch@usa.net).

By completing answering the following question, you indicate that you have read and understand the above information regarding consent. By completing the survey, you agree to voluntarily participate in the above-mentioned study. You may print and retain a copy of this consent form for your records.

**\* Required**

## Consent \*

Note: If you are under 18 (or choose not to respond), your answers will not be included in the study or any published results, but will still inform VU of your experiences.

- I am 18 or older
- I am under 18 years old
- I do not wish to provide this information.

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# Valparaiso University Computing & Information Sciences Entry Survey

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## General and Academic Demographics

### Basic Demographics

#### Gender \*

- Identify as Female
- Identify as Male
- Choose not to reply

#### Race/Ethnicity\*

Choose all that apply

- White
- Black/African American
- American Indian or Alaska Native
- Asian Indian
- Chinese
- Japanese
- Korean
- Vietnamese
- Filipino
- Other Asian
- Pacific Islander
- Choose not to reply
- Other:

#### Hispanic, Latino, or Spanish origin?

- No
- Yes, Mexican, Mexican American, Chicano

- Yes, Puerto Rican
- Yes, Cuban
- Choose not to reply
- Other:

## Academic Demographics

### Which major(s) have you declared or plan to declare? \*

Choose all that apply

- Computer Science
- Mathematics
- Statistics/Actuarial Science
- Engineering
- Not Sure
- Other:

### Which minor(s) have you declared or plan to declare?

Choose all that apply

- Computer Science
- Mathematics
- Statistics/Actuarial Science
- Engineering
- Not Sure
- Other:

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# Valparaiso University Computing & Information Sciences Entry Survey

## What brought you to this Course

**How often, if at all did you participate in any of the following events or activities hosted by Valparaiso University ON CAMPUS?**

	Never	Once	More than Once
Valpo Visit Day (Saturday Event)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Admitted Student Days (Spring Semester)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overnight Visit through the Admissions Office	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weekday Visit through the Admissions Office	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MSEED All-Star Day (November)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MSEED Scholarship Day (February)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Christ College's Honors Visit Day (February)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meet with a Professor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Take a Tour of Campus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chat with an Admissions Counselor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sit in On a Class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**How often, if at all, did you participate in any of the following events or activities hosted by Valparaiso University OFF CAMPUS or through the INTERNET/SOCIAL MEDIA?**

	Never	Once	More than Once
Admission Counselor Spoke at your high school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
College Fair in your community (Valpo had a table)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never	Once	More than Once
Reception in your community (private event for admitted students)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk on the phone with a Valpo Ambassador in Admissions (current student)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk on the phone with your Valpo Admission Counselor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Email with your Valpo Admissions Counselor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate on any Valpo Facebook page	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participate in the Admissions Office Tumblr page	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Follow Valpo Twitter Feeds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visit Valpo's website for information about the university	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visit the CIS Department website for information about the major	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Receive brochures, letters, or other Valpo materials and information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**What other experiences have you had that led you to this course?**

	Yes	No	Not Sure
High School Class in Computing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science Technology Engineering or Math (STEM) Event in High School	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
STEM Event in Middle School	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
STEM Event in Elementary School	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Summer Camp for CS/Coding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk with a High School Guidance Counselor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Talk with a Professional who Works in Industry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computing Contest (e.g. NCWIT Aspirations Awards)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hack-A-Thon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Game Design Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another college course that involved computing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	Not Sure
A professor recommended it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Are you interested in any of the following experiences and opportunities at Valpo?**

	Yes	No	Not Sure
Study Abroad	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Disney Experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Honors Program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student Work Study	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research Experiences for Undergraduates (REUs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tutoring or TAing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Study Groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computing Clubs/Extracurriculars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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## CS 157 Feedback

**How many computing assignments have you found to be interesting?\***

- None
- Only one assignment
- A few assignments
- Most or all assignments

**I understand the relevance of the assignments to my career goals\***

1 2 3 4

Strongly Disagree     Strongly Agree

**Please compare your level of programming experience with the experience required by this course\***

- Requires more experience than I have
- Is about right for my programming experience
- Requires less experience than I have

**So far, the average total number of hours per week I have spent on homework and labs for CS-157 is:\***

- 0-3 Hours
- 4-6 Hours
- 7-9 Hours
- 10 or more Hours

**When I have a question about homework in one of my computing courses, I ask:\***

	Never	Rarely	Sometimes	Often	N/A
Other students in my class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never	Rarely	Sometimes	Often	N/A
The professor teaching my class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The teaching assistants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Another student who previously took the same class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A source not described above	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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# Valparaiso University Computing & Information Sciences Entry Survey

## Computer Attitude Scale for Freshmen

These questions are about your attitude toward computers in general.

**I feel discomfort when I have to use the keyboard**

1 2 3 4 5

Strongly disagree      Strongly agree

**I feel uneasy on the prospect of connecting computer's cables (keyboard, printer, etc.)**

1 2 3 4 5

Strongly disagree      Strongly agree

**I feel at ease using complicated electronic devices**

1 2 3 4 5

Strongly disagree      Strongly agree

**The thought that I may make a mistake that will cause computer malfunction really scares me**

1 2 3 4 5

Strongly disagree      Strongly agree

**When I use or am about to use a computer, I feel anxious**

1 2 3 4 5

Strongly disagree      Strongly agree

**I feel uneasy when I am present at discussions that concern computers' technical characteristics**

1 2 3 4 5

Strongly disagree      Strongly agree

**I feel I don't have adequate knowledge to meet the department's needs regarding computer use**

1 2 3 4 5

Strongly disagree      Strongly agree

**I feel uncomfortable when I sit next to experienced computer users**

1 2 3 4 5

Strongly disagree      Strongly agree

**I believe that computers are essential tools in work and education**

1 2 3 4 5

Strongly disagree      Strongly agree

**Computers make our life better**

1 2 3 4 5

Strongly disagree      Strongly agree

**Computers improve people's communication**

1 2 3 4 5

Strongly disagree      Strongly agree

**I always look forward to using a computer**

1 2 3 4 5

Strongly disagree      Strongly agree

**I enjoy programming**

1 2 3 4 5

Strongly disagree      Strongly agree

**I eagerly anticipate working as a computer specialist**

1 2 3 4 5

Strongly disagree      Strongly agree

**I feel uncomfortable with the prospect of spending long hours in front of a computer**

1 2 3 4 5

Strongly disagree      Strongly agree

**I am afraid that continuous work with the computer will harm me physically**

1 2 3 4 5

Strongly disagree      Strongly agree

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