

First Year Seminar for Computer Science Majors

<u>Instructor:</u> Shieu-Hong Lin, Ph.D	<u>Meeting:</u> Friday 10:30-12:10
<u>Office Hours:</u> announcement on class website	<u>Office:</u> Math/CS Department, Grove 8
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<u>Text:</u> Online resources available from the class website. No need to purchase <i>Strengths Finder assessment access code</i> or other things in the bookstore.	

Class Objective:

“First Year Seminar is designed to initiate students into the aspects of biblically-centered education, which is the core of Biola’s mission statement. This not only involves the practice of learning from a Christian perspective, but an understanding of how it can lead us to value and serve one another and the larger community. Students will also be guided in the introspective process to think more intentionally about their selected area of interest and be given information which better informs them and prepares them for their anticipated major, career, and vocation.”

We will know everyone in the class and spend time together to explore a variety of important issues, including: an overview of the computer science curriculum, preparation for the transition to the college, using the library for literature search, how to write a literature survey paper, the writing competency requirement, the code of ethics and professional conduct, internship and job search, and career preparation. We will also address spiritual formation and integration of faith and learning in computer science.

Grading Policy:

This course is one unit and is intended to be not merely informational, but also formational. In order to achieve this, it requires everyone come to class ready to engage with one another. Please make a commitment right now to do that. To help facilitate this, I’ve devised the following grading policy:

There are 10 assignments, worth 8 points each and there are 8 class days, worth 20 points each. Turning in HW late will only earn 50% of the points for the assignment. We use the following grading scale.

A	A-	B+	B	B-	C+	C	C-	D+	D	D-
92%	90	87	83	80	77	73	70	67	63	60

See the examples below.

- If you **missed 1 class** and **turned in 1 assignment late**, this would miss 20 and 4 points respectively, resulting in 28 points off, total. That would give $240 - 24 = 216$ possible points, which is $216/240 = 0.9 \rightarrow \mathbf{A-}$.
- If you **missed 2 classes** and **missed 1 assignment**, this would miss 40 and 8 points, respectively, resulting in 44 points off, total. That would give $240 - 48 = 192$ possible points, which is $192/240 = 0.8 \rightarrow \mathbf{B-}$.
- If you **missed 3 classes** and **missed 3 assignments**, this would miss 60 and 24 points respectively, resulting in 84 points off, total. That would give $240 - 84 = 156$ possible points, which is $156/240 = 0.65 \rightarrow \mathbf{D}$.

Assignments: There are 1~2 assignments due almost every week. See the tentative schedule below. (Note that we may have minor adjustment over the assignments and the due dates depending on the actual pace of progress in the class.) Most of the assignments can be completed in one to two hours (some less). The exception is the Part II of Autobiography, which should take longer. Note that many assignments have a portion to complete *Before* as well as *During* class.

Tentative Class Schedule

	Topics	Assignments
<i>Sept</i>	1 Introduction Overview of the CS Curriculum Welcome	Assign: Autobiography Part I
	8 The Landscape of Computer Science Panel: Meeting the CS Faculty	<i>Due: Autobiography: Part I</i> Assign: College Transition
	15 Transition to the College Panel: Meeting CS Sophomores	<i>Due: College Transition</i> Assign: Literature Search #1 (IBM Watson)
	22 Site Visit: Meet the Librarian Library Instruction Lab	<i>Due: Literature Search #1</i> Assign: Literature Search #2 (Q & A Systems) Assign: Internship & REU
	29 Panel: Internship and Jobs Literature Review & WCR	<i>Due: Literature Search #2</i> <i>Due: Internship & REU</i> Assign: Literature Review and WCR
<i>Oct.</i>	6 Integration of Faith and Learning	<i>Due: Literature Review and WCR</i> Assign: Ethics and Professional Conduct
	<i>Oct 11-13 Torrey Memorial Bible Conference</i>	
	20 Ethics, Diversity, and Professional Conduct	<i>Due: Ethics and Professional Conduct</i> Assign: Integration of Faith & Learning
	27 Career Preparation Career Center Presentation	<i>Due: Integration of Faith & Learning</i> <i>Due: Autobiography: Part II</i>