

SPRING 2026 - CSE1300 – Intro to Computing Principles

Schedule subject to change.

Week	Dates	Topics	Assessments & Notes
01	Jan 12 - 16	- Course Overview, Syllabus, Rules - How we use computers daily - Survey of Computing Fields & Problem-Solving Focus	
02	Jan 19 - 23	- No Class: Mon Jan 19 (Holiday) - Problem Solving / Computational Thinking - Hardware (Components, specs, peripherals, form factors)	
03	Jan 26 - 30	- Logic Gates & Binary (decimal→binary/hex, gates, simple adders) - Operating Systems	Assignment 1 Due: Sun Feb 1 @ 11:59 pm
04	Feb 02 - 06	- Internet / Networking (IP addresses, routing, ISPs, protocols) - Cloud Computing (hosting, scaling, redundancy, microservices)	Quiz #1 Due: Sun Feb 8 @ 11:59pm
05	Feb 09 - 13	- Security (basics of encryption, symmetric vs. asymmetric, network/system security, social engineering)	
06	Feb 16 - 20	- Organizing & Analyzing Data (file formats, spreadsheets, data visualization) - Intro to AI (ML, Large Language Models, pros/cons)	Assignment 2 Due: Sun Feb 22 @11:59pm
07	Feb 23 - 27	- Ethics (ethical hacking, computing & society, privacy, HIPAA/PCI/GDPR)	Quiz #2 Due: Sun Mar 1 @11:59pm
08	Mar 02- 06	- Review (Weeks 1-7) - Midterm Exam	Midterm (Test #1) Exam Thur Mar 5 – During class
09	Mar 09 - 15	Spring Break	
10	Mar 16 - 20	- Database Systems (relational vs. non-relational, brief intro to SQL)	Assignment 3 Due: Sun Mar 22 @ 11:59pm
11	Mar 23 - 27	- Websites (basic HTML/CSS/JS, hosting, UI design)	Quiz #3 Due: Sun Mar 29 @ 11:59pm
12	Mar 30 – Apr 03	- Software Engineering (version control, Agile, testing) - Intro to 3D Modeling/Printing	
13	Apr 06 - 10	- Intro to Python (I/O, variables)	
14	Apr 13 - 17	- Python (cont.) (loops, conditionals, using built-in libraries)	Quiz #4 Due: Sun Apr 19 @11:59pm
15	Apr 20 - 24	- Controlling Hardware (Raspberry Pi basics, robotics/drone movements)	Assignment 4 Due: Sun Apr 26 @11:59pm
16	Apr 27 - May 01	- Review	Quiz #5 Due: Sun May 3 @ 11:59pm
—	May 04	- Official last day of class	Last day for tutoring credit
Finals	Mon May 11, 2026 - 10:30am to 12:30pm	- Final Exam (Test #2)	Due: Mon May 11, 2026 - 10:30am to 12:30pm

- **Holidays / Breaks:** Jan 19 (M) & Mar 9 (M) – 15 (Su)
- **Last Day to Withdraw (W):** Fri Apr 03 @ 11:45 pm