CS286-001: Lecture Note (Lecture #15, October 28, 2026)

1. Distribute:

- Attendance cards
- Exercise Question (October 28, 2026)
- Quiz #7 Question List (PART II)

2. Announcement:

- Quiz #7 – Monday next week (11/2)

3. Pipeline hazards

- Data hazards (RAR, TAW, WAR, and WAW dependencies)
- Control hazards
  - Exercise (October 26)

4. Preventing Pipeline hazards

- Run-time code optimization
- Compile-time code optimization
  - Exercise (October 28)

4. Quiz #7 review (15 minutes)