Course Title: **Advance Video Coding (فشرده سازی ویدئو پیشرفته)**

Course Outline:

1. Introduction to the course
2. Review on Advanced Video Coding Standards (AVC/H.264) (2 weeks)
3. Review on High Efficiency Video Coding Standard (HEVC/H.265) (4 weeks)
4. Multiview Video Coding (2 weeks)
5. Scalable Video Coding (2 weeks)
6. Screen Content Video Coding (2 weeks)
7. Video Communications (2 weeks)
8. Video Rate Control (1 week)
9. Video Error Control (1 week)