ECSE-6600 Internet Protocols.
Spring 2001 Schedule:

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JANUARY:
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Jan 8:   Lecture 1: Course Introduction, Review of networking, (chap 1,2)

Jan 11: Lecture 2: Review of networking, Internetworking, (chap 2,3)

January 15 :   Martin Luther King Jr. Day. No classes. Staff holiday.

Jan 18: Lecture 3: Internetworking Architecture, IP
        [Pre-taped and Delivered on TV: instructor away]

*January 22 Last day for graduate and undergraduate students to add courses
or change sections without appeal or to put courses on Audit.*
Jan 22: Lecture 4: IP: addresses, fragmentation (chap 3, 11.5)
                Jan 22: INFORMAL QUIZ 1
                Jan 22: Lab 1 assigned
                Jan 22: Homework 1 assigned

Jan 25: Lecture 5: Address Resolution (ARP & RARP), UDP (chap 4,5, 11)

Jan 29: Lecture 6: TCP (chap 11,17,18);
                Jan 29th: Homework 1 due
                NOTE: Homework 1 Solutions + Grading policy posted by Feb 1st
                        [No more late submissions accepted after Feb1]

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FEBRUARY:
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Feb 1: Lecture 7: TCP data flow & Congestion control (chap 19,20,21)
   Feb 1: INFORMAL QUIZ 2

Feb 5: **EXAM 1;** mini-lecture: (TCP catchup)
   NOTE: Graded Homework 1 returned on Feb 5th
   NOTE: EXAM 1 Solutions + Grading policy posted by Feb 6th

Feb 8: Lecture 8: TCP contd, ICMP (chap 22,23,24)

February 12:   Students receive no tuition refund for courses dropped after this date.
Feb 12: Lecture 9: Routing : RIP,OSPF (chap 9, 10)
   Feb 12: Lab 1 due,
   Feb 12: Lab 2 assigned
   NOTE: Graded EXAM 1 returned on Feb 12th

Feb 15: Lecture 10: Routing: EGP, BGP, CIDR (chap 10+)
   Feb 15: INFORMAL QUIZ 3

   February 19:   No classes. Staff holiday.
   February 20:   Classes resume. Follow Monday class schedule.

Feb 20: Lecture 11: Routing (contd: slack)
   NOTE: Graded Lab 1 returned on Feb 20th

Feb 22: Lecture 12: Name Resolution: DNS (chap 14)

Feb 26: Lecture 13: Configuration/Network Mgmt (BOOTP, DHCP, SNMP, RMON)
   Feb 26: Lab 2 due {2 week time}
   Feb 26: Homework 2 assigned

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MARCH:
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Mar 1: Lecture 14: Multicast: IGMP, MBONE, Mcast routing (chap12,13+)
March 1: INFORMAL QUIZ 4

Mar 5: **EXAM 2**; Mini-lecture (Slack on Multicast)
NOTE: Graded Lab 2 returned on March 5th
NOTE: EXAM 2 Solutions + Grading policy posted by March 6th

March 6: Last day for undergraduates to drop a course.
Last day for graduate students to drop courses without appeal.

Mar 8: Lecture 15: Multicast (contd) Mcast transport, deployment (chap12,13+)
NOTE: Graded EXAM 2 returned on March 8th
March 8th: Homework 2 due
March 8th: Case Study Proposals Due.

NOTE: Homework 2 Solutions + Grading policy posted by March 9th [No more late submissions accepted]

March 9: Spring recess begins after last class.
Contract dining halls close after dinner.
March 10-18: Spring Break
March 19:   Classes resume. Contract dining halls open with breakfast.

NOTE: Graded Homework 2 + Comments on Case study proposal returned on March 19th

Mar 19: Lecture 16: IP next generation (IPv6)
March 19: INFORMAL QUIZ 5

Mar 22: Lecture 17: IP next generation (IPv6)

Mar 26: Lecture 18: Beyond Best Effort: (RTP, RSVP, integrated, differentiated svcs)
March 26th: Homework 3 assigned

Mar 29: Lecture 19: Security: Firewalls, IPSEC, VPNs

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APRIL:
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Apr 2: Lecture 20: Broadband: WDM, IP over ATM & SONET, MPLS, Voice over IP
> **April 2: INFORMAL QUIZ 6**
> **April 2: Homework 3 due**

April 4 : No classes.

Apr 5: Lecture 21: Broadband: WDM, IP over ATM & SONET, MPLS, Voice over IP (contd)
> NOTE: Homework 3 Solutions + Grading policy posted by Apr 5th
> [No more late submissions accepted after April 5th]
> **April 5: Case study due**

Apr 9: Lecture 22: Broadband: Optical Networking
> NOTE: Graded Homework 3 returned on April 9th

Apr 12: Lecture 23: Mobile IP, Wireless technologies

Apr 16: Lecture 24: Internet Economics
> **April 16: INFORMAL QUIZ 7**
> NOTE: Graded Case Studies returned on April 16th

Apr 19: Lecture 25: Slack + review

Apr 23 : **EXAM 3**
> NOTE: EXAM 3 Solutions + Grading policy posted by April 24th

April 25: Classes end after last evening class.

NOTE: EXCEPTION: Graded EXAM 3 and Final Grades ready on April 26th

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