Massachusetts Institute of Technology
Department of Electrical Engineering and Computer Science

6.035, Fall 2000 Handout 1 – At-A-Glance Wednesday, September 6

Week of Monday	Monday	Tuesday	Wednesday	Thursday
9/4	**Lecture room:** **MW 3-370** **TH 3-270**	**L – Lectures** **R – Recitations** **P – Projects** **S – Problem Sets**	**L1:** Intro to Compilers, Lexical Analysis; Course Administration Info. **P1**: Scanner assigned (individual project)	**L2:** Regular Expressions, Scanner Generators **CVS/Tools Lecture:** 7-9pm Room TBA
9/11	**P1**: Scanner Project Due **P2**: Parser Assigned	**L3**: Syntax Analysis, Bottom-up Parsing	**L4**: LR(0) Parsing Algorithm & Parsing Tables	**L5:** LR(1)&LALR(1) Parsing Algorithms
9/18	**Q1: In-class Quiz**	**R1**: Project Information Session		
9/25	*No classes*	**P2**: Parser Project Due **P3**: Semantic Checker Project Assigned	**L6**: Context Sensitive Analysis **S1**: Problem Set 1 Assigned	**L7**: Intermediate Representations
10/2	**R2:** Project Information Session **S1:** Problem Set 1 Due			
10/9	***Columbus Day***	***Columbus Day***	**P3**: Semantic Checker Project Due **P4**: Code Generator Project Assigned	**L8**: Procedure Abstraction
10/16	**L9**: Machine Code Generation	**L10**: Code Shape	**L11**: Compiling Object Oriented Programs	**Q2: In-class Quiz**
10/23	**R3:** Project Information Session			**P4:** Code Generator Project Checkpoint
10/30			**P4**: Code Generator Project Due **P5**: Data-flow Optimizer Project Assigned	**L12**: Introduction to program optimization **S2**: Problem Set 2 Assigned
11/6	**L13**: Data-flow analysis	**L14**: Data-flow Optimizations	**L15**: Pointer Alias Analysis	**L16**: Code Transformations
11/13	**R4:** Project Information Session **S2**: Problem Swet 2 Due			**P5:** Data-flow Optimizer Project Checkpoint
11/20			**P5**: Data-flow Optimizer Project Due **P6**: Instruction Optimizer Project Assigned	***Thanksgiving Vacation***
11/27	**L17**: Instruction Scheduling	**L18**: Instruction Optimization	**L19**: Register Allocation	**L20:** Putting it all together
12/4	**Q3: In-class Quiz**	**R5:** Project Information Session		
12/11	**P6**: Instruction Optimizer Project Due		**L21**: Compiler Derby	