

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Electrical Engineering and Computer Science

Tentative Schedule

Tools

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| September | 6 | Welcome, Operational Semantics, PostFix (PS1 Out) |
| | 11 | Operational Semantics, Domains (PS1A Due) |
| | 13 | Denotational Semantics |
| | 18 | Fixed Points (PS1B Due, PS2 Out) |
| | 20 | FL: A Functional Language |
| | 25 | FLK: Operational and Denotational Semantics (PS2 Due, PS3 Out) |

Dynamic Semantics

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| October | 27 | Naming I: Parameter Passing, Name Control |
| | 2 | Naming II: Modules, Inheritance (PS3 Due, PS4 Out) |
| | 4 | State: Side Effects, Imperative Programming |
| | 9 | Columbus Day Holiday, No Class |
| | 11 | Control I: Standard Semantics |
| | 16 | Control II: Control Points |
| | 18 | Data (PS4 Due, PS5 Out) |
| | 23 | Pattern Matching |

Static Semantics

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| | 25 | Explicit Types (PS5 Due) |
| | 30 | Type Reconstruction |
| November | 1 | Midterm Examination |
| | 6 | Polymorphic Type I (PS6 Out) |
| | 8 | Polymorphic Type Reconstruction |
| | 13 | Abstract Types and Modules I (PS6 Due, PS7 Out) |
| | 15 | Abstract Types and Modules II |
| | 20 | Effects (PS7 Due, PS8 Out) |
| | 22 | Happy Thanksgiving! - No Class |

Pragmatics

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| | 27 | Pragmatics I: Desugar, Globalize, Assignment Convert, & CPS Convert |
| | 29 | Pragmatics II: MetPragmatics IV: m-CPS Conversion |
| December | 4 | Pragmatics III: Closure Conversion, Lifting, Data Conversion, GC (PS8 Due) |

Conclusion

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| | 6 | Jeopardy |
| | 11 | Final Exam |