

University of Toronto
CSC 488S / CSC2107S Compilers and Interpreters

Winter 2012/2013

Course Information

Instructor	Prof. Dave Wortman Office: Bahen Centre, Room 5222 Phone: (416) 978-6055 E-mail: dw@cdf.toronto.edu
Office hours	immediately after lecture and by appointment
Course Web Page	http://cdf.toronto.edu/~csc488h/winter/
Course Bulletin Boards	https://csc.cdf.toronto.edu/csc488h1s
Course Documents	https://csc.cdf.toronto.edu/csc488h1s-doc

Lectures and Tutorial

Lectures	Tuesday	14:00	WB 130
	Thursday	14:00	WB 130
Tutorial	Thursday	13:00	RS 208

Textbooks

Text	Charles Fischer, Ron Cytron and Richard LeBlanc Jr. , Crafting a Compiler Addison-Wesley , 2009
References	On reserve in the Engineering/Computer Science Library
General	A.V.Aho, M. Lam, R. Sethi, J.D. Ullman, Compilers, Principles, Tools and Techniques, Addison-Wesley, 2006 C.N. Fischer and R.J. LeBlanc Jr., Crafting a Compiler in C, Benjamin/Cummings, 1991 C. Fraser and D. Hanson, C Compiler Design and Implementation, Benjamin Cummings, 1995 K.D. Cooper and L. Torczon, Engineering a Compiler, Morgan Kaufmann, 2004
Optimization	S.S. Muchnick, Advanced Compiler Design and Implementation, Morgan Kaufmann, 1997 R. Morgan, Building an Optimizing Compiler, Digital Press, 1998 R. Allen and K. Kennedy, Optimizing Compilers for Modern Architectures, Morgan Kaufmann, 2002
Background	R. Jones and R. Lins, Garbage Collection, John Wiley, 1996 J. R. Levine, Linkers & Loaders, Morgan Kaufmann, 1999

Course Mark Composition

Assignments	45%	See Assignment Handout for details
Mid Term Test	20%	March 7 14:00
Final Exam	35%	TBA in Exam Period

The mid term test will be 50 minutes , open book and notes

The final examination will be 2 hours , open book and notes

In order to pass the course you must have a mark of at least 35% on the Final Exam

Assignments will involve construction of various compiler components.

Assignments will be done in teams of 5 students.