

© Harry H. Porter, 2006

	Organization
Syllabus	/ Webpage
cs.]	odx.edu/~harry/compilers/syllabus.html
Office H	ours
Grader	
Textbool	<u> </u>
Requ	ired (from last term):
	Kenneth C. Louden, "Compiler Construction: Principles and Practice"
Optio	onal (not ordered):
	Richard P. Paul, "SPARC Architecture, Assembly Language, and C"
Exams	
Close	ed book, same format
Grading	(tentative!!!)
10%	Homework
29%	Programs
29%	Midterm Exams (2)
29%	Final
201	Attendance

CS-322 Course Introduction

Programming Projects <u>Four Programming Projects</u>			
Project 8:	Generating Intermediate Code (part 1)		
Project 9:	Generating Intermediate Code (part 2)		
Project 10: Project 11:	Generating Intermediate Code (part 3) Final Code Generation		
Floject II.	Milai Code Generation		
Optional:	Peephole Optimizer		

<u>Last Term</u>

Covered first 6 chapters in textbook Lexical Parsing Attribute Grammars Types / Type Checking Abstract Syntax Trees

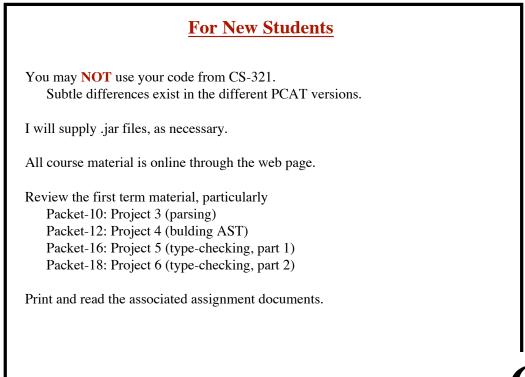
We are writing a compiler for the PCAT language.

You may use your code from CS-321, last term. (Note: subtle differences exist in the different PCAT versions.)

I will supply .jar files, as necessary.

© Harry H. Porter, 2006

CS-322 Course Introduction

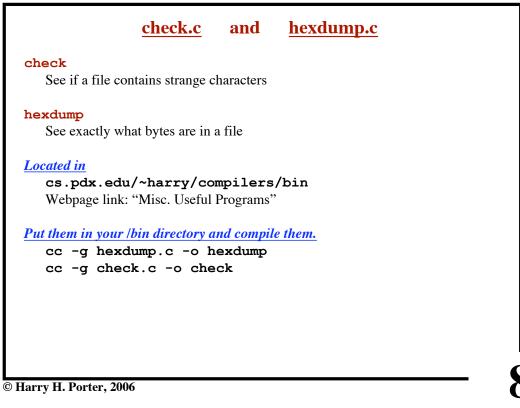


© Harry H. Porter, 2006

	Misc Organization
MailMar	n E-Mail List
Subs	cribe to the mailing list named cs321-001
Class Ac	count
E-ma	il projects to cs321-01
	Subject: Project 7 - John Doe
The o	ode should be in a plaintext attachment
Do n	ot submit multiple times! (Unless instructed to do so.)
Make su	re your files comform to my "style" guidelines.
Do not m	nodify any of the other java files.
Work inc	lependently
Write the	e code yourself
or (come to my office for help!
Take roll	

© Harry H. Porter, 2006

CS-322 Course Introduction



```
CS-322 Course Introduction
```

Example

% more temp Now is the time for all good men to abc^A^B^K^L^Ndef come to the aid of their party. % check < temp</pre> The maximum line length is 36 The number of TAB characters is 6 The number of CR characters is 0 The number of LF characters is 3 The number of BS characters is 0 The number of DEL characters is 0 The number of other non-printable characters is 5 % hexdump < temp | more</pre>
 00000000:
 4E6F
 7720
 6973
 2074
 6865
 2074
 696D
 6520

 00000010:
 0966
 6F72
 2061
 6C6C
 2067
 6F6F
 6420
 6D65
 Now is the time .for all good me 00000020: 6E20 746F 0A61 6263 0102 0B0C 0E64 6566 n to.abc....def 00000030: 0A63 6F6D 6520 746F 2074 6865 2061 6964 .come to the aid 00000040: 206F 6620 7468 6569 7220 7061 7274 792E of their party. 00000050: 0909 0909 090A

© Harry H. Porter, 2006