

**COSC 150 – ADVANCED PROGRAMMING
COURSE SYLLABUS**

**Section 01: Yang TR 3:30PM-4:45PM Reiss 262
Section 02: Koster MW 11:00AM-12:15PM Car Barn 205**

Wk	Date	Topic(s)	Due Dates
1	1. Aug 31	Course introduction	
2	2. Sep 5	Java Basics; Differences between C++ and Java	
2	3. Sep 7	Object-Oriented Design	
3	4. Sep 12	Designing Classes	
3	5. Sep 14	Managing Dependencies	Design Due
4	6. Sep 19	Interfaces	
4	7. Sep 21	Duck Typing and Polymorphism	
5	8. Sep 26	Inheritance	
5	9. Sep 28	Inheritance	Shape Due
6	10. Oct 3	GUI; event-driving programming	
6	11. Oct 5	GUI; event-driving programming	
7	12. Oct 10	Project Meeting	
7	13. Oct 12	Project Meeting	
8	14. Oct 17	Sharing roles with Modules	Paint Due
8	15. Oct 19	Sharing roles with Modules	
9	16. Oct 24	Composition	
9	17. Oct 26	Designing Tests	
10	18. Oct 31	Sockets; Client-Server	
10	19. Nov 2	Sockets; Client-Server	Chatsee Due
11	20. Nov 7	Artificial Intelligence	
11	21. Nov 9	Artificial Intelligence	
12	22. Nov 14	Project Meeting	
12	23. Nov 16	Project Meeting	Go Due
13	24. Nov 21	Project Meeting	
13		Thanksgiving	
14	25. Nov 28	Advanced Topics	
14	26. Nov 30	Advanced Topics; Course Review	

15	27. Dec 5	Class presentation	AlphaGo Due
15	28. Dec 7	Class presentation; Class End.	

Final exam scheduled : Wednesday Dec 20 2017, 4-6PM.

NOTE: We reserve the right to change content in the syllabus with one's notice.