

CMSC101/IS101Y Fall 2014 Schedule

Date	Topic	Reading	Due
1 - Aug 28 (Thurs)	Course overview		
Aug 29 (Fri)	Getting Started	MYM Ch1 and Ch7	Sign into Blackboard and view course documents
2 - Sept 2 (Tues)	Big Ideas: Overview	St. Amant, Ch1, Computational Thinking	
3 - Sept 4 (Thurs)	Big Ideas: Algorithmic Problem Solving	Processing ch1; Kidney Exchange	PA1
Sept 5 (Fri)	Strengths	StrengthsQuest website and StrengthsQuest information for students	Initial Course Survey and Questionnaire; JE1- Involvement Fest Assignment
4 - Sept 9 (Tues)	Big Ideas: Abstraction	Processing ch2; St. Amant Ch4	
5 - Sept 11 (Thurs)	Algorithmic Problem Solving Using Processing	Processing ch3-4	
Sept 12 (Fri)	Getting Organized	MYM ch2	JE2-StrengthsQuest Reflection
6 - Sept 16 (Tues)	Big Ideas: History and Careers	St. Amant, Ch2-3	
7 - Sept 18 (Thurs)	Data: Project Introduction	Processing, ch5-7	
Sept 19 (Fri)	Career Services Overview; Effective Reading and Note Taking	Browse the Career Services website; watch UMBC Career Center Online Resume Workshop; Read about resumes and cover letters in the Career Development Guide.	Resume and Cover Letter Drafts
8 - Sept 23 (Tues)	Data: Programming / Data Representations	Processing, ch8,10	

9 - Sept 25 (Thurs)	Data: Programming Design and Modularization		PA2
Sept 26 (Fri)	Working with Others & Group Presentations		
10 - Sept 30 (Tues)	Data: Big Data		
11 - Oct 2 (Thurs)	CrashBasics Programming Lab		
Oct 3 (Fri)	Employer Panel		Final Resume & Cover Letter Due
12 - Oct 7 (Tues)	Data: Data Structures	St. Amant ch4, from trees through recursion	
13 - Oct 9 (Thurs)	Design lab for semester game		PA3
Oct 10 (Fri)	Study Skills Review		JE3-Academic Questionnaire & Study Habits
14 - Oct 14 (Tues)	Data: Visualization	Video: 200 countries, 200 yrs, 4 minutes; Interactive Dynamics for Visual Analysis (links on Blackboard)	
15 - Oct 16 (Thurs)	Midterm		
Oct 17 (Fri)	Smart Students Ask for Help		JE4-Career Fair
16 - Oct 21 (Tues)	HW & Systems: Computer Architecture and Operating Systems	St. Amant Ch6	Project Phase 1: Design
17 - Oct 23 (Thurs)	HW & Systems: Networks	St. Amant Ch7	
Oct 24 (Fri)	Using Constructive Feedback		JE5-Working with Others
18 - Oct 28 (Tues)	HW & Systems: Programming Lab		

19 - Oct 30 (Thurs)	People: Analysis and Requirements	"Succeeding as a Systems Analyst" and "Designing Games with a Purpose" - both on Blackboard	
Oct 31 (Fri)	Academic Planning		
20 - Nov 4 (Tues)	People: QA		
21 - Nov 6 (Thurs)	Prototype Critique		Project Phase 2: Prototype
Nov 7 (Fri)	Career Planning- Internships and Beyond		
22 - Nov 11 (Tues)	People: HCI and Accessibility		
23 - Nov 13 (Thurs)	People: Usability	St. Amant Chapter 10	Project Phase 3: Evaluation
Nov 14 (Fri)	Finishing Strong: Finals		
24 - Nov 18 (Tues)	Theory of Computation	St. Amant Chapter 8	
25 - Nov 20 (Thurs)	People: Social and Ethical Implications AND CMPE		
Nov 21 (Fri)	Balance/Student Health		JE6: Study Habits and Final Grades
26 - Nov 25 (Tues)	Applications: Graphics and Games		Project Phase 4: Poster
Nov 27 (Thurs)	THANKSGIVING		
27 - Dec 2 (Tues)	Applications: Intelligence		
28 - Dec 4 (Thurs)	Applications: Security		
Dec 5 (Fri)	Semester Wrapup - Focus Group		JE7: Semester Self-Reflection and Career Options; End of Semester Survey
29 - Dec 9 (Tues)	Project Presentations		Project Phase 5: Presentation
Tuesday, December 16	Final Exam, 1-3pm		