

Program Interactive AV Art (WI14)

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Syllabus / Schedule

This page will be updated daily to weekly with current and upcoming topics. Notes will be provided for each class, linked from the date; feedback and additional examples (yours or things you find) are appreciated. Chapter references, when available, are to the course textbook, *Learning Processing*.

Date	Topics	References	Out	Due
Jan 6 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/1.php)	Introduction (http://bregman.dartmouth.edu/~mcasey/cs2/notes/1.php)	intro; ch. 2	sa1 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/1.php)	-
Jan 8 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/2.php)	Basic drawing (http://bregman.dartmouth.edu/~mcasey/cs2/notes/2.php)	ch. 1	sa2 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/2.php)	sa1
Jan 10 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/3.php)	Variation (http://bregman.dartmouth.edu/~mcasey/cs2/notes/3.php)	ch. 3	sa3 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/3.php)	sa2
Jan 13 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/4.php)	State (http://bregman.dartmouth.edu/~mcasey/cs2/notes/4.php)	ch. 4	sa4 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/4.php)	sa3
Jan 15 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/5.php)	Responding conditionally (http://bregman.dartmouth.edu/~mcasey/cs2/notes/5.php)	ch. 5.1-5.7	sa5 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/5.php), hw1 (http://bregman.dartmouth.edu/~mcasey/cs2/hw/1.php)	sa4
Jan 16 X (http://bregman.dartmouth.edu/~mcasey/cs2/notes/6.php)	More of the above (http://bregman.dartmouth.edu/~mcasey/cs2/notes/6.php)	-	-	-
Jan 17 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/sound.php)	Sound and Music I (http://bregman.dartmouth.edu/~mcasey/cs2/notes/sound.php)	-	-	sa5
Jan 20	--- cancelled --- MLK day	-	-	-
Jan 22 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/7.php)	Basic motion	-	sa6 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/6.php)	-
Jan 23 x (http://bregman.dartmouth.edu/~mcasey/cs2/notes/8.php)	Iteration	ch. 6	-	-
Jan 24 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/sound.php)	Sound and Music I (Cont.)	ch. 7	-	sa6
Jan 27 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/9.php)	Functions and transformations	ch. 8	sa7 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/7.php), hw2 (http://digitalmusics.dartmouth.edu/~mcasey/cs2/hw/2.php)	hw1
Jan 29 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/10.php)	Moving objects	ch. 5.8	sa8 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/8.php)	sa7
Jan 30 X (http://bregman.dartmouth.edu/~mcasey/cs2/notes/11.php)	Pseudo-physics	ch. 5.8	-	-
Jan 31 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/12.php)	Multiple objects	ch. 9	sa9 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/9.php)	sa8

Feb 3	Project Announcement / Class Review	-	-	hw2
Feb 5	Midterm	2011 (http://bregman.dartmouth.edu/~mcasey/cs2/midterm-web/2011-m1.pdf) 2009 (http://bregman.dartmouth.edu/~mcasey/cs2/midterm-web/2009-m1.pdf) 2009 solution (http://bregman.dartmouth.edu/~mcasey/cs2/midterm-web/2009-s1.pdf) 2008 (http://bregman.dartmouth.edu/~mcasey/cs2/midterm-web/2008-m1.pdf)	-	-
Feb 6 X	No Lab	-	-	-
Feb 7	Cancelled: Winter Carnaval	-	-	-
Feb 10 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/13.php)	Particle systems	-	sa10 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/10.php) , hw3 (http://bregman.dartmouth.edu/~mcasey/cs2/hw/3.php)	sa9
Feb 12 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/14.php)	Spring systems	-	-	sa10
Feb 13 X	PROJECTS and Case Study	ch. 10	-	-
Feb 14	Sound and Music II	-	-	-
Feb 17 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/16.php)	Images	ch. 15.1-15.4	sa11 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/11.php)	-
Feb 19 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/17.php)	Pixels	-	sa12 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/12.php)	sa11
Feb 20 X (http://bregman.dartmouth.edu/~mcasey/cs2/notes/18.php)	Image processing	ch. 15.5-15.10	-	-
Feb 21 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/sound3.php)	Sound and Music III	Minim docs (http://code.compartmental.net/minim/) , Beads tutorial (http://computermusicblog.com/blog/sonifyingprocessing/)	-	hw3
Feb 24	Design	-	hw4 (http://bregman.dartmouth.edu/~mcasey/cs2/hw/4.php)	sa12
Feb 26 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/20.php)	Webcam	ch. 16.1, 16.2, 16.4	sa14 (http://bregman.dartmouth.edu/~mcasey/cs2/sa/14.php)	-
Feb 27 X (http://bregman.dartmouth.edu/~mcasey/cs2/notes/21.php)	Video processing	ch. 16.5-16.8	proj (http://bregman.dartmouth.edu/~mcasey/cs2/hw/proj.php)	-
Feb 28 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/21.php)	Sound and Music IV	-	-	hw4
Mar 3 (http://bregman.dartmouth.edu/~mcasey/cs2/notes/22.php)	Recursion	-	-	sa14
Mar 5	Project Presentations	-	-	proj
Mar 6 X	Project Presentations	-	-	proj
Mar 7	Project Presentations	-	-	proj

Date	Details	
Wed Jan 8, 2014	sa1 (https://canvas.dartmouth.edu/courses/742/assignments/6321)	due by 2pm
Fri Jan 10, 2014	sa2 (https://canvas.dartmouth.edu/courses/742/assignments/6322)	due by 2pm
Mon Jan 13, 2014	sa3 (https://canvas.dartmouth.edu/courses/742/assignments/6323)	due by 2pm
Wed Jan 15, 2014	sa4 (https://canvas.dartmouth.edu/courses/742/assignments/6488)	due by 2pm
Fri Jan 17, 2014	sa5 (https://canvas.dartmouth.edu/courses/742/assignments/6489)	due by 2pm
Fri Jan 24, 2014	sa6 (https://canvas.dartmouth.edu/courses/742/assignments/6637)	due by 2pm
Mon Jan 27, 2014	Homework 1 (https://canvas.dartmouth.edu/courses/742/assignments/6490)	due by 2pm
Wed Jan 29, 2014	sa7 (https://canvas.dartmouth.edu/courses/742/assignments/6920)	due by 2pm
Fri Jan 31, 2014	sa8 (https://canvas.dartmouth.edu/courses/742/assignments/6974)	due by 2pm
Mon Feb 3, 2014	Homework 2 (https://canvas.dartmouth.edu/courses/742/assignments/6922)	due by 2pm
Thu Feb 6, 2014	Midterm Exam 1 (https://canvas.dartmouth.edu/courses/742/assignments/7174)	due by 4pm
Mon Feb 10, 2014	sa9 (https://canvas.dartmouth.edu/courses/742/assignments/7138)	due by 2pm
Wed Feb 12, 2014	sa10 (https://canvas.dartmouth.edu/courses/742/assignments/7293)	due by 2pm
Wed Feb 19, 2014	sa11 (https://canvas.dartmouth.edu/courses/742/assignments/7492)	due by 2pm
Fri Feb 21, 2014	Homework 3 (https://canvas.dartmouth.edu/courses/742/assignments/7294)	due by 2pm
Mon Feb 24, 2014	sa12 (https://canvas.dartmouth.edu/courses/742/assignments/7592)	due by 2pm
Fri Feb 28, 2014	Homework 4 (https://canvas.dartmouth.edu/courses/742/assignments/7818)	due by 2pm
Mon Mar 3, 2014	sa14 (https://canvas.dartmouth.edu/courses/742/assignments/7836)	due by 2pm
Wed Mar 12, 2014	Final Assignment (https://canvas.dartmouth.edu/courses/742/assignments/7939)	due by 11:59pm