

# Flow Visualization

# August 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
						1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24 <sup>1</sup> Intro Expectations Syllabus	25	26 <sup>2</sup> Initial Assignments	27	28 <sup>3</sup> Overview Survey of techniques A <i>Copyright and Syllabus agreements due</i>	29	Week 1
30	31 <sup>4</sup> Overview 2	Notes					Week 2

# Flow Visualization

# September 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		<b>1</b>	<b>2</b> 5 Cameras Lenses  <i>Best of Web due</i>	<b>3</b>	<b>4</b> 6 Image processing Darktable	<b>5</b>	Week 2
<b>6</b>	<b>7</b> Labor Day  No class	<b>8</b>	<b>9</b> 7 Video editing Critique Technique  <i>Image-Vid 1 Due 4 pm</i>	<b>10</b>	<b>11</b> Image-Vid 1 Critique 1 ATTENDANCE REQUIRED as on all critique days	<b>12</b>	Week 3
<b>13</b>	<b>14</b> Image-Vid 1 Critique 2	<b>15</b>	<b>16</b> Image-Vid 1 Critique 3  <i>Vote Best of Web</i>	<b>17</b>	<b>18</b> Image-Vid 1 Critique 4	<b>19</b> 0	Week 4
<b>20</b>	<b>21</b> Image-Vid 1 Critique 4	<b>22</b> 0	<b>23</b> 8 IV 1 Critique 5 Video editing	<b>24</b>	<b>25</b> 9 Facilities  <i>Image-Vid 2 Image Due</i>	<b>26</b>	Week 5
<b>27</b>	<b>28</b> Image-Vid 2 Critique 1  <i>I-V 1 Report due</i>	<b>29</b>	<b>30</b> Image-Vid 2 Critique 2		<i>IV 1 Review due</i>		Week 6
		<b>Notes</b>					

# Flow Visualization

# October 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
				1	2	3	Week 6
					Image-Vid 2 Critique 3		
4	5 10 Focus, Aperture shutter speed	6	7 11 Exposure	8	9 12 Clouds A: Atmospheric Stability Skew-T	10	Week 7
11	12 13 Clouds B: Skew-T Cloud types  <i>Image-Vid 2 Report due</i>	13	14 Clouds C: Cloud types Weather systems  <i>Clouds First Due</i>	15	16 Clouds 1 Critique 1  <i>IV 2 Review due</i>	17	Week 8
18	19 Clouds 1 Critique 2	20	21 Cloud First Critique 3	22	23 Exposure B: Autoexposure, choices Image noise	24	Week 9
25	26 Resolution A: Spatial  <i>Clouds First report due</i>	27	28 Resolution B: Time	29	30 Dye Techniques  <i>Clouds First Reviews due</i>	31	Week 10
		<b>Notes</b>					

# Flow Visualization

# November 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
<b>1</b> 0	<b>2</b> Light emitting fluids	<b>3</b>	<b>4</b> Refractive index Schlieren variations	<b>5</b>	<b>6</b> Particles A Trajectories	<b>7</b>	Week 11
<b>8</b>	<b>9</b> Particles B Streamline, pathline Smoke generation	<b>10</b>	<b>11</b> Veterans Day Particles C: Fogs  <i>IV 3 due</i>	<b>12</b>	<b>13</b> Image-Vid 3 critique 1	<b>14</b>	Week 12
<b>15</b>	<b>16</b> Image-Vid 3 Critique 2	<b>17</b>	<b>18</b> IV 3 Critique 3  <i>Revisions to IV and reports due for IV1-2, Clouds 1</i>	<b>19</b>	<b>20</b> Vorticity, explosions	<b>21</b>	Week 13
<b>22</b>	<b>23</b> Guest Lecture  <i>Image-Vid 3 Report due</i>	<b>24</b>	<b>25</b> Aesthetics in FV	<b>26</b> Thanksgiving	<b>27</b> Break No class	<b>28</b>	Week 14
<b>29</b>	<b>30</b> Discussion What is art? What is science? <i>IV4/Clouds Second due</i>						Week 15
		<b>Notes</b>					

# Flow Visualization

# December 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
		<b>1</b>	<b>2</b> Clouds 2 Critique 1	<b>3</b>	<b>4</b> Clouds 2 Critique 2 <i>IV3 Review due</i>	<b>5</b>	Week 15
	<i>Clouds Second due</i>						
<b>6</b>	<b>7</b> Last Day of Class Clouds 2 critique 3  <i>Clouds 2 Report due</i>	<b>8</b>	<b>9</b> Final Presentations 7:30 - 10 pm Online in Zoom <i>Exit surveys due</i> <i>Final revisions</i>	<b>10</b>	<b>11</b>	<b>12</b>	Week 16
<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	
<b>20</b>	<b>21</b> 0	<b>22</b>	<b>23</b>	<b>24</b> 0	<b>25</b> 0	<b>26</b> 0	
<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b> New Year's Eve			
		<b>Notes</b>					
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