

2018 West HPVC Results



		California State University, Northridge University of Southern California Universidad Nacional Autonoma de Mexico University of Nevada Reno Missouri University of Science and Technology Calore Polytechnic State University San Luis Obispo University of California, Berkeley California Polytechnic State University Pomona University of Hawaii at Manoa South Dakota State University Metropolitan State University University of San Diego Montana State University University of Nevada, Las Vegas Tec de Monterrey South Dakota School of Mines and Technology Loyla Marymount University																	
School Vehicle	No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
<b>Vehicle Count = 17</b>																			
<b>Design Event</b>																			
<b>General</b>	<b>5</b>	3.90	4.50	5.00	3.50	5.00	5.00	5.00	4.60	3.30	5.00	3.20	0.00	5.00	0.00	0.00	4.80	3.50	
<b>Design</b>	<b>15</b>	11.30	11.33	13.30	7.43	8.37	12.27	14.20	8.50	13.33	12.53	4.50	11.27	12.90	0.00	0.00	8.50	11.60	
<b>Analysis</b>	<b>25</b>	20.00	19.80	22.77	2.60	20.90	18.97	21.63	10.67	17.03	21.93	3.57	8.07	10.75	0.00	0.40	4.93	12.33	
<b>Testing</b>	<b>25</b>	14.73	3.50	22.63	1.57	2.77	8.03	16.20	3.17	14.80	20.93	4.23	2.97	7.60	0.00	2.37	2.03	9.33	
<b>Safety</b>	<b>20</b>	17.50	17.77	17.33	15.20	17.53	18.80	18.50	17.00	15.00	15.93	13.10	10.40	16.30	0.00	12.60	12.50	19.40	
<b>Aesthetics</b>	<b>10</b>	7.00	6.00	8.20	5.70	8.10	7.30	10.00	9.00	6.60	8.00	8.50	4.60	4.00	0.00	4.80	4.80	5.30	
<b>Design Event - Raw Score</b>	<b>100</b>	<b>74.43</b>	<b>62.90</b>	<b>89.23</b>	<b>36.00</b>	<b>62.67</b>	<b>70.37</b>	<b>85.53</b>	<b>52.93</b>	<b>70.07</b>	<b>84.33</b>	<b>31.91</b>	<b>22.38</b>	<b>56.55</b>	<b>0.00</b>	<b>20.17</b>	<b>21.04</b>	<b>61.47</b>	
<b>Design Event - Total</b>	<b>30</b>	<b>22.33</b>	<b>18.87</b>	<b>26.77</b>	<b>10.80</b>	<b>18.80</b>	<b>21.11</b>	<b>25.66</b>	<b>15.88</b>	<b>21.02</b>	<b>25.30</b>	<b>9.57</b>	<b>6.71</b>	<b>16.97</b>	<b>0.00</b>	<b>6.05</b>	<b>6.31</b>	<b>18.44</b>	
Report content largely non-original	100%																		
Late Report Submission (per day)	4%													4.0%	40.0%			4.0%	
Late for Static Judging or Safety Check	10%																		
Over Page Limit (per page)	3%																		
Report Does Not Conform to Outline	10%											10%							
<b>Design - Rank</b>		<b>4</b>	<b>7</b>	<b>1</b>	<b>12</b>	<b>8</b>	<b>5</b>	<b>2</b>	<b>11</b>	<b>6</b>	<b>3</b>	<b>13</b>	<b>14</b>	<b>10</b>	<b>17</b>	<b>16</b>	<b>15</b>	<b>9</b>	
<b>Innovation Event</b>																			
<b>Design</b>	<b>7</b>	5.70	3.97	5.63	3.77	4.93	6.03	5.47	6.00	6.67	6.40	5.17	4.10	5.87	0.00	0.00	0.00	5.77	
<b>Concept Evaluation</b>	<b>8</b>	6.07	0.10	3.33	0.00	2.50	5.67	5.93	6.00	6.00	7.83	0.00	0.00	0.50	0.00	0.00	0.00	1.33	
<b>Learnings</b>	<b>7</b>	6.67	2.43	5.23	0.50	6.00	4.67	6.23	4.37	6.50	6.43	0.67	0.00	0.10	0.00	0.00	0.00	0.50	
<b>Execution</b>	<b>6</b>	5.53	0.80	4.17	0.00	3.00	5.77	5.67	4.17	5.77	5.83	0.00	0.00	0.13	0.00	0.00	0.00	1.00	
<b>Multiplier</b>	<b>1x to 2x</b>	1.50	1.10	1.33	1.03	1.00	1.53	1.16	1.24	1.23	1.73	1.00	1.00	1.30	0.00	0.00	0.00	1.15	
<b>Innovation Event - Raw Score</b>	<b>56</b>	<b>35.95</b>	<b>7.36</b>	<b>23.67</b>	<b>4.17</b>	<b>16.43</b>	<b>30.54</b>	<b>27.03</b>	<b>22.07</b>	<b>30.59</b>	<b>45.93</b>	<b>5.31</b>	<b>2.26</b>	<b>8.59</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.88</b>	
<b>Innovation Event - Total</b>	<b>20</b>	<b>12.84</b>	<b>2.63</b>	<b>8.45</b>	<b>1.49</b>	<b>5.87</b>	<b>10.91</b>	<b>9.65</b>	<b>7.88</b>	<b>10.92</b>	<b>16.40</b>	<b>1.90</b>	<b>0.81</b>	<b>3.07</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.53</b>	
Report content largely non-original	100%																		
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Late for Presentation	10%																		
Over Page Limit (per page)	3%		3.0%	3.0%					3.0%										
Report Does Not Conform to Outline	10%		5.0%		5.0%		10.0%		10.0%			5.0%	5.0%			5.0%			
<b>Innovation - Rank</b>		<b>2</b>	<b>11</b>	<b>6</b>	<b>13</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>12</b>	<b>14</b>	<b>10</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>9</b>	
<b>Women's Speed Event - Total</b>		<b>12.50</b>	<b>11.50</b>	<b>10.50</b>	<b>7.10</b>		<b>7.10</b>	<b>6.50</b>	<b>9.50</b>	<b>8.50</b>	<b>7.80</b>	<b>12.50</b>	<b>7.80</b>	<b>7.10</b>	<b>8.50</b>		<b>6.50</b>	<b>6.50</b>	<b>7.10</b>
Fastest Non Qualifying Time (s)	18.00	29.82	38.12	41.33		38.32	48.17	31.75	35.28	37.79	27.75	40.88	35.98	37.14		47.49	103.13	48.52	
<b>Women's Speed - Rank</b>		<b>2</b>	<b>3</b>	<b>9</b>		<b>9</b>	<b>13</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>1</b>	<b>7</b>	<b>9</b>	<b>5</b>		<b>13</b>	<b>13</b>	<b>9</b>	
<b>Men's Speed Event - Total</b>		<b>12.50</b>	<b>9.50</b>	<b>12.50</b>	<b>6.50</b>		<b>7.80</b>	<b>7.10</b>	<b>8.50</b>	<b>10.50</b>	<b>7.10</b>	<b>11.50</b>	<b>7.80</b>	<b>7.10</b>	<b>8.50</b>		<b>8.50</b>	<b>6.50</b>	<b>7.10</b>
Fastest Non Qualifying Time (s)	99.00	26.80	24.88	46.44		27.85	31.24	27.16	26.94	32.24	24.34	36.02	27.74	29.66		69.86	66.15	33.89	
<b>Men's Speed - Rank</b>		<b>4</b>	<b>1</b>	<b>14</b>		<b>8</b>	<b>10</b>	<b>6</b>	<b>3</b>	<b>10</b>	<b>2</b>	<b>8</b>	<b>10</b>	<b>6</b>		<b>5</b>	<b>14</b>	<b>10</b>	
<b>Endurance Event - Total</b>		<b>25.00</b>	<b>25.00</b>	<b>23.29</b>	<b>11.03</b>	<b>0.00</b>	<b>12.50</b>	<b>0.00</b>	<b>18.65</b>	<b>23.04</b>	<b>13.86</b>	<b>24.37</b>	<b>17.31</b>	<b>14.86</b>	<b>22.19</b>	<b>0.00</b>	<b>10.55</b>	<b>3.62</b>	<b>17.75</b>
Laps Completed		32.00	30.00	14.00	0.00	16.00	0.00	24.00	29.00	18.00	31.00	22.00	21.00	28.00	0.00	14.00	6.00	23.00	
Finish time (hr)	1.5416	2.5203	2.5531	2.5289	0.0000	2.5275	0.0000	2.5233	2.5367	2.5692	2.5028	2.5236	2.5178	2.5058	0.0000	2.5344	2.6211	2.5656	
Lap Length (km)																			
Avg Speed [minus penalties & plus bonus] (km/h)		19.1	17.8	8.4	0.0	9.6	0.0	14.3	17.6	10.6	18.6	13.2	11.4	17.0	0.0	8.1	2.8	13.6	
Avg Speed [minus penalties & plus bonus] (mph)		11.886	11.1	5.2	0.0	5.9	0.0	8.9	11.0	6.6	11.586	8.2	7.1	10.5	0.0	5.0	1.7	8.4	
Lock Security Challenge- Time to Remove Vehicle (s)																			
Lock Security Challenge- Additional Laps Awarded [Laps]																			
Illegal Start Assistance (m)	500					500												625	
Damage or Loss of Parcel (m)	up to 1500	625	750	250				500			625		1250	625		125		625	
Failure to Stop at Stop Sign, Complete Stalom, Hairpin Turn, Speed Bump, Rumble Strip or Quick Turn (m)	500	500							500		500	500	2,500		1,000	2,000			
Safety Violation [Laps]	1 or more																		
Illegal Lap [Laps]	1																		
Min/Max Driver Lap Violation [Laps]	1														1				
<b>Endurance - Rank</b>		<b>1</b>	<b>3</b>	<b>12</b>	<b>15</b>	<b>11</b>	<b>15</b>	<b>6</b>	<b>4</b>	<b>10</b>	<b>2</b>	<b>8</b>	<b>9</b>	<b>5</b>	<b>15</b>	<b>13</b>	<b>14</b>	<b>7</b>	
<b>Overall - Total</b>		<b>100.00</b>	<b>81.17</b>	<b>67.79</b>	<b>59.85</b>	<b>12.29</b>	<b>52.07</b>	<b>45.62</b>	<b>71.96</b>	<b>65.80</b>	<b>60.71</b>	<b>90.07</b>	<b>44.37</b>	<b>36.58</b>	<b>59.22</b>	<b>0.00</b>	<b>31.60</b>	<b>22.93</b>	<b>53.91</b>
<b>Overall - Rank</b>			<b>2</b>	<b>4</b>	<b>7</b>	<b>16</b>	<b>10</b>	<b>11</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>1</b>	<b>12</b>	<b>13</b>	<b>8</b>	<b>17</b>	<b>14</b>	<b>15</b>	<b>9</b>