

# Advanced Class Final Technical Design Report Results

## 2019 Aero West

Pos.	#	University	Country	REQ	DRW	TDS	Avg. Rpt	Sub Total	Late Report Penalty	Factor	Total
1	222	Alexandria Univ	Egypt	5.0000	4.1700	4.5860	32.6072	46.3632	0.00	1.00	46.3632
2	215	Univ of British Columbia	Canada	5.0000	4.1700	4.0275	31.1757	44.3732	0.00	1.00	44.3732
3	201	Beijing Univ of Aeronautics & Astro	China	5.0000	4.9800	4.9100	28.8680	43.7580	0.00	1.00	43.7580
4	217	California State Univ - Northridge	United States	5.0000	4.2100	4.3465	26.5883	40.1448	0.00	1.00	40.1448
5	202	Wroclaw University of Technology	Poland	4.5000	3.7800	3.9760	26.2115	38.4675	0.00	1.00	38.4675
6	203	Warsaw University of Technology	Poland	5.0000	3.8500	3.8130	25.3517	38.0147	0.00	1.00	38.0147
7	229	College of New Jersey	United States	5.0000	4.5900	3.3290	24.8570	37.7760	0.00	1.00	37.7760
8	218	Univ of Calif - Davis	United States	5.0000	4.1700	2.9935	25.5850	37.7485	0.00	1.00	37.7485
9	216	Universidad Autonoma de Ciudad Juarez	Mexico	3.7500	3.6500	3.1780	28.6347	39.2127	5.00	1.00	34.2127
10	211	Univ of Alberta	Canada	5.0000	4.1500	4.9000	20.1390	34.1890	0.00	1.00	34.1890
11	213	Loyola Marymount Univ	United States	5.0000	4.0500	3.6730	20.4225	33.1455	0.00	1.00	33.1455
12	220	Dayananda Sagar College of Engineering	India	4.5000	4.6100	4.8400	23.6390	37.5890	5.00	1.00	32.5890
13	231	North Carolina A & T State Univ	United States	4.5000	4.5500	3.9860	17.5723	30.6083	0.00	1.00	30.6083
14	212	Louisiana State Univ	United States	5.0000	3.6900	4.8800	16.3730	29.9430	0.00	1.00	29.9430
15	233	New York University	United States	2.7500	4.4100	3.9775	17.0567	28.1942	0.00	1.00	28.1942
16	226	SRM Engineering College	India	4.5000	3.5300	3.1880	15.9600	27.1780	0.00	1.00	27.1780
17	214	Arizona State Univ - Tempe	United States	5.0000	2.4900	2.0850	22.0698	31.6448	5.00	1.00	26.6448
18	224	AISSMS College of Engineering	India	3.5000	4.6300	3.3690	13.2498	24.7488	0.00	1.00	24.7488
19	225	California State Univ - Fullerton	United States	3.2500	3.5900	1.8710	13.7993	22.5103	5.00	1.00	17.5103
20	221	Univ of Puerto Rico-Mayaquez	United States	4.5000	3.5800	1.9280	26.2838	36.2918	20.00	0.50	8.1459

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# Advanced Class Final Technical Presentation Results

## 2019 Aero West

Pos.	#	University	Country	Score #1	Score #2	Score #3	Avg. Score	Total
1	201	Beijing Univ of Aeronautics & Astro	China	45.8250	45.7500	43.6500	45.0750	45.0750
2	220	Dayananda Sagar College of Engineering	India	43.6000	47.0500	41.8000	44.1500	44.1500
3	221	Univ of Puerto Rico-Mayaquez	United States	40.4250	43.3250	47.3500	43.7000	43.7000
4	217	California State Univ - Northridge	United States	41.2750	40.4500	47.5250	43.0833	43.0833
5	224	AISSMS College of Engineering	India	46.0500	42.0750	40.8000	42.9750	42.9750
6	213	Loyola Marymount Univ	United States	41.5000	43.6750	42.3000	42.4917	42.4917
7	222	Alexandria Univ	Egypt	39.7750	40.8750	45.3500	42.0000	42.0000
8	215	Univ of British Columbia	Canada	43.0000	39.9500	40.6250	41.1917	41.1917
9	203	Warsaw University of Technology	Poland	38.2000	36.7250	40.2500	38.3917	38.3917

10	216	Universidad Autonoma de Ciudad Juarez	Mexico	36.8000	37.3250	39.7000	37.9417	37.9417
11	231	North Carolina A & T State Univ	United States	34.2500	39.4500	39.1750	37.6250	37.6250
12	212	Louisiana State Univ	United States	36.6500	33.9750	39.5250	36.7167	36.7167
13	218	Univ of Calif - Davis	United States	38.3500	36.2500	35.2750	36.6250	36.6250
14	229	College of New Jersey	United States	38.1250	34.6000	36.6000	36.4417	36.4417
15	226	SRM Engineering College	India	33.9750	37.1000	35.8500	35.6417	35.6417
16	202	Wroclaw University of Technology	Poland	35.0000	32.2750	39.0250	35.4333	35.4333
17	225	California State Univ - Fullerton	United States	37.6250	31.6250	34.6750	34.6417	34.6417
18	211	Univ of Alberta	Canada	28.6000	36.1500	29.4750	31.4083	31.4083
19	214	Arizona State Univ - Tempe	United States	31.0750	28.7250	28.3500	29.3833	29.3833
20	233	New York University	United States	0.0000	0.0000	0.0000	0.0000	0.0000

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## Advanced Class Round 5 Mission Performance Results

### 2019 Aero West

Pos.	#	University	Country	# of Colonist	# of Habitat	Amt. of Water	Amt. of Fuel (Static)	Days Of Habitability	Final Flight Score	Normalized Flight Score
1	201	Beijing Univ of Aeronautics & Astro	China	78.000	37.000	202.800	49.276	41.653	63.0293	<b>63.0293</b>
2	202	Wroclaw University of Technology	Poland	95.000	41.000	270.400	0.000	40.905	51.8136	<b>51.8136</b>
3	203	Warsaw University of Technology	Poland	0.000	40.000	287.300	32.435	0.000	12.9740	<b>12.9740</b>
4	231	North Carolina A & T State Univ	United States	0.000	17.000	84.500	24.920	0.000	9.9680	<b>9.9680</b>
5	213	Loyola Marymount Univ	United States	0.000	0.000	0.000	19.745	0.000	7.8980	<b>7.8980</b>
6	215	Univ of British Columbia	Canada	0.000	0.000	0.000	7.060	0.000	2.8240	<b>2.8240</b>
7	221	Univ of Puerto Rico-Mayaquez	United States	0.000	0.000	0.000	4.490	0.000	1.7960	<b>1.7960</b>
8	217	California State Univ - Northridge	United States	2.000	0.000	0.000	2.035	0.000	0.8140	<b>0.8140</b>
---	218	Univ of Calif - Davis	United States	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	222	Alexandria Univ	Egypt	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	220	Dayananda Sagar College of Engineering	India	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	224	AISSMS College of Engineering	India	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	212	Louisiana State Univ	United States	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	233	New York University	United States	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	229	College of New Jersey	United States	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	226	SRM Engineering College	India	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	214	Arizona State Univ - Tempe	United States	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	216	Universidad Autonoma de Ciudad Juarez	Mexico	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	225	California State Univ - Fullerton	United States	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>
---	211	Univ of Alberta	Canada	0.000	0.000	0.000	0.000	0.000	0.0000	<b>0.0000</b>

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# Advanced Class Overall Results (Round 5)

## 2019 Aero West

Pos.	#	University	Country	Design	Presentation	Normalized Mission Performance	Penalties	Total
1	201	Beijing Univ of Aeronautics & Astro	China	43.7580	45.0750	63.0293	-0.0	151.8623
2	202	Wroclaw University of Technology	Poland	38.4675	35.4333	51.8136	-0.0	125.7144
3	203	Warsaw University of Technology	Poland	38.0147	38.3917	12.9740	-0.0	89.3803
4	222	Alexandria Univ	Egypt	46.3632	42.0000	0.0000	-0.0	88.3632
5	215	Univ of British Columbia	Canada	44.3732	41.1917	2.8240	-1.5	86.8888
6	231	North Carolina A & T State Univ	United States	30.6083	37.6250	9.9680	-0.0	78.2013
7	220	Dayananda Sagar College of Engineering	India	32.5890	44.1500	0.0000	-0.0	76.7390
8	213	Loyola Marymount Univ	United States	33.1455	42.4917	7.8980	-7.0	76.5352
9	218	Univ of Calif - Davis	United States	37.7485	36.6250	0.0000	-0.0	74.3735
10	229	College of New Jersey	United States	37.7760	36.4417	0.0000	-0.0	74.2177
11	216	Universidad Autonoma de Ciudad Juarez	Mexico	34.2127	37.9417	0.0000	-0.0	72.1543
12	217	California State Univ - Northridge	United States	40.1448	43.0833	0.8140	-13.0	71.0422
13	224	AISSMS College of Engineering	India	24.7488	42.9750	0.0000	-0.0	67.7238
14	212	Louisiana State Univ	United States	29.9430	36.7167	0.0000	-3.0	63.6597
15	226	SRM Engineering College	India	27.1780	35.6417	0.0000	-0.0	62.8197
16	211	Univ of Alberta	Canada	34.1890	31.4083	0.0000	-3.0	62.5973
17	214	Arizona State Univ - Tempe	United States	26.6448	29.3833	0.0000	-0.0	56.0282
18	221	Univ of Puerto Rico-Mayaquez	United States	8.1459	43.7000	1.7960	-0.0	53.6419
19	225	California State Univ - Fullerton	United States	17.5103	34.6417	0.0000	-0.0	52.1520
20	233	New York University	United States	28.1942	0.0000	0.0000	-0.0	28.1942

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