

Raw Lab and Prelab Grades as of 5-2-2012

code	Error Analysis	Electric Fields & Electric Potential	Ohm's Law	Direct Current Circuits	Kirchoff's Laws	Time-Varying Circuits	Magnetic Dipole Moment	Electromagnetic Induction	Spectrometer I – Index of Refraction	Spectrometer II – Diffraction Grating	Properties of Lenses	Spectrometer III – Bohr Model of Hydrogen Spectrum	Electric Fields & Electric Potential	Ohm's Law	Direct Current Circuits	Kirchoff's Laws	Time-Varying Circuits	Magnetic Dipole Moment	Electromagnetic Induction	Spectrometer I – Index of Refraction	Spectrometer II – Diffraction Grating	Properties of Lenses	Spectrometer III – Bohr Model of Hydrogen Spectrum	FE	
	L-0	L-1	L-2	L-3	L-4	L-5	L-6	L-7	L-8	L-9	L-10	L-11	PL-1	PL-2	PL-3	PL-4	PL-5	PL-6	PL-7	PL-8	PL-9	PL-10	PL-11		
0002	6.0	0.0	5.8	5.0	4.6	5.0	0.0	5.0	4.4	5.0	5.0	4.8	0	9	10	10	10	0	10	10	10	8	7	76	
0013	6.0	4.8	0.0	5.0	0.0	4.4	5.0	5.0	5.0	4.8	5.0	4.8	0	0	10	0	10	10	10	10	10	8	6	70	
0017	6.0	5.0	5.8	5.0	5.0	5.0	4.8	5.0	5.0	0.0	5.0		10	10	10	10	10	10	10	0	8			75	
0023	5.0	4.0	4.4	4.6	0.0	5.0	4.8	5.0	4.8	5.0	5.0		10	9	10	0	10	10	10	10	10	10			75
0059	5.6	4.8	5.5	5.0	4.8	4.7	5.0	5.0	4.8	5.0	5.0		9	8	10	10	10	10	10	10	10	10			47
0101	5.6	5.0	4.6	4.4	4.5	5.0	5.0	5.0	5.0	5.0	0.0		9	8	10	10	10	10	10	10	10	10			72
0120	0.0	4.8	4.6	4.7	4.4	5.0	5.0	5.0	0.0	4.8	4.8		9	9	10	0	10	10	10	0	10	10			43
0123	5.5	5.0	5.0	4.0	4.8	5.0	5.0	5.0	5.0	0.0	5.0		7	0	8	10	10	9	10	10	0	10			54
0215	6.0	4.8	5.3	4.6	5.0	5.0	4.7	5.0	5.0	5.0	0.0		10	9	10	8	10	10	10	10	10	10			77
0328	6.0	5.0	4.8	4.6	4.4	5.0	4.5	5.0	5.0	4.9	0.0		10	10	10	10	10	10	10	10	10	10			62
0330	4.8	4.2	4.6	4.8	4.5	4.8	0.0	5.0	4.8	4.6	5.0		10	9	8	9	10	10	10	0	10	0			51
0481	5.0	4.8	4.3	4.8	4.2	4.8	5.0	5.0	5.0	0.0	5.0		10	9	9	10	10	9	10	0	10	10			63
0511	5.4	5.0	4.5	4.8	4.5	5.0	4.7	5.0	4.8	5.0	4.7		10	8	10	10	9	10	10	10	10	10			61
0588	5.8	4.4	4.4	5.0	4.3	4.8	5.0	5.0	5.0	5.0	0.0		10	8	9	10	10	9	10	10	0	10			51
0603	6.0	5.0	5.0	4.6	5.0	5.0	5.0	5.0	4.8	4.5	0.0		10	9	10	10	10	10	10	10	10	10			86
0629	5.8	4.3	4.6	5.0	4.4	5.0	0.0	0.0	0.0	0.0	0.0		9	7	10	9	10	0	0	0	0	0			0
0652	5.4	4.2	4.4	4.5	4.2	4.6	5.0	5.0	5.0	5.0	5.0		10	9	9	10	10	10	10	10	10	10			61
0704	6.0	4.5	5.0	4.2	5.0	4.8	4.8	0.0	5.0	4.8	5.0		9	9	10	10	10	10	0	10	10	10			65
0808	6.0	4.3	4.5	4.6	4.6	4.4	4.0	5.0	4.8	4.8	0.0		8	9	10	10	10	9	10	10	10	8			69
0823	5.6	4.6	4.6	4.4	4.3	5.0	5.0	0.0	5.0	5.0	5.0		9	9	10	10	10	10	0	10	10	10			64
0828	4.7	4.7	4.7	4.8	4.5	5.0	4.9	5.0	4.5	5.0	4.7		9	9	10	10	10	10	10	10	10	10			55
0880	5.8	5.0	6.0	5.0	4.8	5.0	4.5	5.0	4.7	4.9	0.0		10	8	9	8	10	9	10	10	10	0			51
0918	5.6	4.5	4.8	4.6	4.5	5.0	5.0	5.0	4.6	4.5	0.0		10	10	10	10	10	9	10	10	10	0			68
1021	5.0	4.5	2.5	4.4	4.6	5.0	0.0	4.8	4.8	4.0	5.0		10	9	9	10	10	10	10	10	10	10			74
1031	5.8	5.0	4.3	4.6	4.6	4.8	0.0	5.0	4.7	4.7	4.4		9	7	10	8	10	0	10	10	10	10			48
1043	5.4	4.4	4.8	4.6	5.0	4.8	5.0	5.0	4.6	5.0	0.0		10	9	9	10	10	10	10	10	10	0			61
1093	6.0	4.8	6.0	4.0	4.6	5.0	5.0	5.0	4.8	4.5	4.0		10	9	9	10	10	9	10	10	0	10			75
1114	6.0	5.0	5.0	4.6	4.5	5.0	4.4	4.8	5.0	0.0	5.0		10	10	10	10	10	10	9	10	0	10			76
1207	6.0	5.0	4.5	4.2	4.5	5.0	4.7	5.0	4.5	4.1	0.0		9	10	10	10	10	10	0	10	10	0			67
1221	6.0	4.8	5.0	4.8	5.0	5.0	5.0	5.0	5.0	5.0	0.0		10	10	10	10	10	10	10	10	10	10			92
1223	6.0	4.8	5.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	0.0		10	10	10	10	10	9	10	10	10	10			81

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1229	5.6	4.8	4.6	4.8	4.8	4.8	4.6	5.0	4.8	5.0	0.0	8	9	10	10	10	9	10	10	10	10	64	
1234	6.0	5.0	5.5	4.6	5.0	4.4	4.5	5.0	4.5	5.0	0.0	9	8	10	9	10	10	8	10	10	10	66	
1235	5.8	4.4	4.5	4.8	5.0	5.0	4.6	5.0	5.0	5.0	0.0	8	8	10	10	10	10	9	10	10	10	80	
1332	6.0	4.6	5.7	4.4	5.0	5.0	5.0	5.0	5.0	5.0	5.0	9	9	9	10	10	10	9	10	10	10	84	
1333	6.0	4.8	4.3	4.8	5.0	4.8	4.8	5.0	4.5	4.5	4.6	8	9	10	10	10	10	0	10	10	10	66	
1357	6.0	5.0	4.7	4.6	5.0	5.0	4.5	5.0	4.8	4.9	0.0	10	9	8	10	10	9	10	10	10	10	46	
1412	5.8	5.0	4.6	4.6	4.4	5.0	5.0	5.0	4.6	5.0	0.0	9	8	8	10	10	10	10	10	10	0	66	
1439	6.0	4.8	5.0	4.4	5.0	5.0	4.5	5.0	5.0	5.0	4.4	10	9	9	10	10	10	10	10	10	10	68	
1591	0.0	5.0	4.5	4.8	0.0	5.0	4.2	5.0	4.5	0.0	5.0	4.8	7	10	0	10	10	10	10	0	10	7	55
1692	5.4	5.0	5.0	4.4	4.5	4.8	5.0	5.0	5.0	5.0	0.0	10	10	10	10	10	10	10	10	10	0	55	
1856	5.1	4.8	4.5	5.0	4.4	4.8	5.0	0.0	5.0	5.0	5.0	8	9	10	10	10	10	0	10	10	10	66	
1929	6.0	5.0	5.8	4.6	5.0	4.4	4.6	5.0	4.8	3.8	0.0	8	9	10	10	10	10	10	10	10	0	56	
1983	6.0	5.0	6.0	5.0	5.0	4.4	0.0	5.0	4.6	4.6	3.8	7	9	10	8	10	0	10	10	10	8	44	
2010	6.0	5.0	0.0	4.6	5.0	5.0	4.8	0.0	4.7	5.0	4.6	4.5	10	0	8	10	9	10	0	10	10	9	59
2157	5.8	4.8	4.6	4.6	4.6	5.0	4.8	5.0	4.8	5.0	0.0	9	8	10	10	10	10	10	10	10	0	64	
2210	6.0	4.8	4.5	3.8	5.0	4.8	5.0	5.0	5.0	5.0	4.6	8	9	10	10	10	10	10	9	10	10	73	
2323	4.8	5.0	5.0	4.6	5.0	5.0	4.7	5.0	4.8	4.9	4.9	10	8	10	10	10	10	10	10	10	0	59	
2358	6.0	4.8	5.5	4.6	5.0	4.4	5.0	5.0	5.0	5.0	4.8	10	9	10	10	10	10	9	10	10	8	78	
2378	6.0	5.0	6.0	5.0	5.0	4.6	5.0	4.6	5.0	4.8	5.0	10	8	10	10	10	10	10	10	10	8	83	
2503	5.6	4.5	4.8	5.0	4.9	4.6	0.0	5.0	5.0	4.8	5.0	10	8	10	10	10	0	10	10	10	10	61	
2524	6.0	4.0	4.4	4.6	4.8	5.0	5.0	5.0	5.0	4.4	5.0	10	9	10	10	10	9	10	10	10	10	57	
2526	6.0	5.0	0.0	4.6	5.0	5.0	5.0	5.0	4.8	4.8	4.8	10	0	8	9	10	10	10	10	10	10	45	
2550	5.8	4.8	5.0	4.0	4.6	4.8	0.0	5.0	5.0	4.0	0.0	8	9	10	10	10	0	10	10	10	0	69	
2662	5.8	4.8	4.4	4.8	4.3	5.0	5.0	5.0	5.0	5.0	0.0	7	9	10	10	10	0	10	10	10	10	80	
2786	6.0	4.8	5.0	4.8	4.9	5.0	5.0	5.0	5.0	5.0	0.0	10	10	10	10	10	0	10	10	10	10	79	
2882	6.0	5.0	5.0	4.4	5.0	5.0	5.0	5.0	4.8	4.5	0.0	10	9	10	10	10	10	10	10	10	10	64	
2998	6.0	4.8	6.0	5.0	4.6	4.6	5.0	5.0	0.0	5.0	5.0	9	6	10	10	10	9	10	0	10	8	86	
3014	6.0	4.0	4.4	4.6	4.8	5.0	5.0	5.0	5.0	4.4	5.0	10	9	10	10	10	10	10	10	10	10	72	
3091	5.7	4.7	5.0	4.6	4.5	5.0	4.7	4.8	5.0	0.0	5.0	10	9	9	10	10	8	10	10	0	10	59	
3111	6.0	5.0	5.6	4.4	5.0	5.0	4.5	5.0	4.8	5.0	0.0	10	8	10	10	10	10	10	10	10	0	78	
3113	5.6	5.0	5.0	4.8	4.5	5.0	5.0	5.0	5.0	5.0	0.0	10	9	10	10	10	10	10	10	10	10	74	
3264	6.0	5.0	5.8	5.0	4.5	5.0	0.0	4.8	5.0	4.4	5.0	10	8	0	10	10	0	9	10	10	10	9	65
3310	6.0	4.4	5.6	4.6	4.8	5.0	4.8	5.0	4.8	5.0	5.0	10	9	10	10	10	9	10	10	10	10	60	
3313	6.0	5.0	5.0	4.6	4.6	4.4	4.5	5.0	0.0	5.0	4.8	10	9	10	10	10	9	10	0	10	8	69	
3333	5.4	4.9	4.8	4.4	4.4	4.8	4.8	5.0	4.6	5.0	4.8	10	9	10	10	10	10	10	10	10	0	70	
3401	6.0	5.0	5.6	4.6	5.0	0.0	4.5	5.0	4.8	4.6	5.0	7	10	10	10	0	9	10	10	10	0	66	
3416	6.0	5.0	4.8	4.6	5.0	4.4	5.0	5.0	4.8	4.6	0.0	10	6	10	8	10	10	10	10	10	0	65	
3446	6.0	4.6	5.0	4.8	5.0	5.0	5.0	5.0	5.0	4.6	4.8	10	8	9	10	10	10	10	10	10	10	74	
3482	6.0	4.2	5.0	4.4	4.8	5.0	4.6	5.0	5.0	5.0	0.0	10	8	9	8	10	9	10	10	10	10	66	
3508	5.0	4.3	4.5	0.0	3.8	5.0	4.6	5.0	0.0	4.0	0.0	8	8	0	8	10	8	10	10	0	0	0	
3696	6.0	5.0	0.0	4.2	4.8	5.0	4.6	5.0	0.0	1.0	3.4	8	0	10	8	10	9	10	0	10	10	52	
3839	5.8	4.6	5.0	4.8	4.8	4.6	0.0	5.0	4.8	4.5	4.6	10	9	8	10	10	0	10	10	10	10	70	
4242	6.0	5.0	5.5	5.0	5.0	4.4	5.0	5.0	5.0	5.0	0.0	10	10	10	10	10	10	10	10	10	10	77	
4349	5.2	5.0	4.8	4.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	10	9	10	0	10	10	0	10	10	10	77	

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4385	5.6	4.5	5.0	4.8	4.8	4.8	5.0	4.5	4.5	0.0	5.0	10	8	10	10	10	9	10	0	0	10	68	
4401	5.8	5.0	4.8	4.3	5.0	4.4	4.8	5.0	5.0	4.7	0.0	7	9	10	8	10	9	10	10	10	10	80	
4454	6.0	5.0	5.0	4.0	4.4	4.8	4.8	4.4	0.0	4.5	5.0	8	8	10	10	10	10	9	10	10	10	52	
4778	5.5	4.5	5.6	4.6	4.5	5.0	4.9	4.8	0.0	4.9	5.0	10	9	10	10	10	10	0	10	10	10	69	
4998	5.4	4.2	4.8	4.8	4.6	4.8	5.0	5.0	4.6	5.0	0.0	10	9	10	10	10	10	10	10	10	0	70	
5241	5.9	5.0	4.6	5.0	4.5	4.8	5.0	5.0	5.0	5.0	0.0	10	9	10	10	10	10	10	10	10	10	58	
5432	4.2	4.7	5.0	4.4	4.7	5.0	4.3	0.0	4.5	4.4	5.0	10	8	10	10	0	10	0	10	10	10	74	
5746	5.6	4.4	4.5	4.4	5.0	4.8	4.6	5.0	5.0	5.0	0.0	8	7	8	10	10	9	10	10	10	0	71	
5835	5.4	4.6	5.0	4.6	4.2	4.8	5.0	5.0	5.0	5.0	0.0	10	9	9	10	10	10	10	10	10	0	49	
5890	0.0	5.0	5.5	0.0	5.0	4.7	4.8	5.0	5.0	5.0	5.0	4.8	9	9	0	10	10	10	10	10	10	7	62
5973	5.7	4.4	3.7	4.4	4.5	5.0	5.0	5.0	4.8	5.0	0.0	10	9	8	10	10	10	10	10	10	0	82	
6140	6.0	5.0	4.3	4.4	5.0	5.0	4.5	5.0	4.7	0.0	0.0	8	9	9	9	10	10	10	10	0	0	56	
6167	6.0	4.8	4.5	4.6	4.5	5.0	4.7	5.0	4.5	4.9	4.9	9	9	10	10	10	10	10	10	10	10	54	
6472	5.6	5.0	4.5	4.6	4.5	5.0	4.4	4.8	4.5	4.7	0.0	9	9	10	10	10	10	10	10	10	0	52	
65631	5.4	4.6	4.5	5.0	5.0	5.0	5.0	5.0	5.0	4.8	0.0	10	8	8	9	0	9	10	10	10	10	65	
6804	4.4	4.5	4.4	5.0	4.8	0.0	4.6	5.0	5.0	4.2	5.0	10	8	10	10	0	10	10	10	10	10	63	
6969	5.1	4.8	4.5	4.6	2.5	0.0	4.6	5.0	4.8	5.0	5.0	8	6	10	5	0	0	8	10	10	10	58	
7183	6.0	0.0	5.0	4.6	5.0	4.4	5.0	5.0	4.8	5.0	4.8	0	8	10	10	10	10	10	10	10	10	58	
7272	6.0	5.0	5.0	4.4	5.0	4.8	4.8	5.0	4.8	4.8	0.0	10	9	9	10	10	0	10	10	10	0	62	
7374	5.4	4.6	4.5	4.6	4.8	4.9	5.0	5.0	4.8	0.0	5.0	10	9	10	10	10	0	10	10	0	10	37	
7498	5.6	4.2	4.5	4.8	4.6	4.8	4.8	5.0	5.0	5.0	4.3	8	6	10	8	0	10	0	10	10	10	68	
7711	5.8	4.8	5.1	0.0	5.0	4.7	4.8	5.0	4.8	5.0	5.0	9	9	0	10	10	10	10	10	10	8	61	
7777	6.0	5.0	4.5	4.0	0.0	4.8	4.6	4.5	5.0	5.0	5.0	9	9	10	0	10	9	10	10	10	0	50	
8888	6.0	4.8	4.6	5.0	5.0	5.0	4.6	4.8	5.0	4.7	0.0	10	10	10	10	10	10	10	10	0	0	71	
9005	5.6	4.8	4.5	4.4	5.0	4.6	4.8	5.0	5.0	0.0	5.0	10	8	10	10	10	10	10	10	0	10	38	
9192	5.6	4.5	5.5	4.0	4.8	4.8	5.0	5.0	5.0	5.0	0.0	10	9	9	10	10	10	10	10	10	0	64	
9387	6.0	4.7	4.5	4.6	5.0	5.0	4.5	5.0	4.7	4.9	0.0	10	9	9	10	10	9	9	10	10	0	55	
9441	5.6	4.6	4.2	4.2	4.2	5.0	5.0	5.0	4.8	4.8	0.0	10	9	10	10	10	10	10	10	10	0	69	
9810	6.0	4.6	4.5	4.6	4.2	4.6	4.6	5.0	5.0	5.0	0.0	10	9	8	10	10	9	10	10	10	0	54	
9865	6.0	4.5	5.5	4.6	5.0	5.0	0.0	5.0	5.0	5.0	5.0	10	10	10	10	10	0	10	10	10	10	79	
a	5.0	4.7	6.0	5.0	4.8	5.0	5.0	4.6	5.0	4.0	0.0	9	10	0	10	10	10	10	10	10	0	43	
a	5.4	5.0	4.7	4.6	4.8	5.0	4.7	5.0	4.8	5.0	0.0	9	8	10	10	10	10	10	10	10	0	46	
a	5.2	5.0	4.4	4.6	4.3	4.8	0.0	5.0	5.0	5.0	5.0	10	8	10	10	10	0	10	10	10	10	55	
a	4.8	4.2	4.2	4.4	0.0	4.7	5.0	5.0	5.0	4.4	5.0	10	8	10	0	10	8	0	10	10	10	0	67
a	5.0	4.8	0.0	4.6	4.8	4.6	4.8	5.0	5.0	4.4	4.8	10	0	9	10	10	10	10	10	10	10	70	
a	5.2	4.2	4.3	5.0	5.0	4.6	5.0	5.0	4.8	5.0	0.0	8	0	9	10	10	8	0	10	10	10	60	
a	5.4	4.8	4.4	0.0	4.4	4.9	4.8	5.0	4.8	4.6	5.0	9	9	0	10	10	9	9	0	10	10	47	
a	5.3	4.1	0.0	4.0	5.0	5.0	4.5	0.0	4.3	4.4	0.0	9	0	9	10	10	0	0	10	0	0	0	
a	5.6	0.0	0.0	4.5	4.8	5.0	4.8	4.8	5.0	5.0	0.0	0	0	9	7	10	9	10	10	10	0	44	
a	5.0	5.0	0.0	5.0	5.0	5.0	5.0	5.0	0.0	5.0	5.0	9	0	10	9	10	9	10	0	10	10	73	