

# **Incumbency v. Estimated Availability Summary**

UIC Faculty Engineering 01/04/2010

## **Comparison Test**

**Two Standard Deviation Test**

# Incumbency v. Estimated Availability Summary

UIC Faculty Engineering  
01/04/2010

Job Group	Total Incumbents (#)	Category	Incumbents (#)	Incumbency (%)	Availability (%)	Less than Reasonably Expected?
BIOENG PROF	6	Female	0	0.00	29.84	
		Minority	2	33.33	24.10	
		Black	0	0.00	3.15	
		Hispanic	0	0.00	2.82	
		Asian	2	33.33	17.91	
		AmIndian	0	0.00	0.23	
BIOENG ASSOC PROF	5	Female	1	20.00	45.07	
		Minority	2	40.00	36.39	
		Black	0	0.00	4.76	
		Hispanic	0	0.00	4.25	
		Asian	2	40.00	27.04	
		AmIndian	0	0.00	0.34	
BIOENG ASST PROF	2	Female	0	0.00	29.84	
		Minority	0	0.00	24.10	
		Black	0	0.00	3.15	
		Hispanic	0	0.00	2.82	
		Asian	0	0.00	17.91	
		AmIndian	0	0.00	0.23	
BIOENG OTHER FAC	4	Female	1	25.00	29.84	
		Minority	1	25.00	24.10	
		Black	0	0.00	3.15	
		Hispanic	1	25.00	2.82	
		Asian	0	0.00	17.91	
		AmIndian	0	0.00	0.23	
BIOENG VST FAC	4	Female	0	0.00	29.84	
		Minority	2	50.00	24.10	
		Black	0	0.00	3.15	
		Hispanic	0	0.00	2.82	
		Asian	2	50.00	17.91	
		AmIndian	0	0.00	0.23	
CHEM ENGRG PROF	3	Female	0	0.00	23.26	
		Minority	1	33.33	23.76	
		Black	0	0.00	3.07	
		Hispanic	0	0.00	3.90	
		Asian	1	33.33	16.38	
		AmIndian	0	0.00	0.40	
CHEM ENGRG ASSOC PROF	2	Female	0	0.00	23.26	
		Minority	1	50.00	23.76	
		Black	0	0.00	3.07	
		Hispanic	1	50.00	3.90	
		Asian	0	0.00	16.38	
		AmIndian	0	0.00	0.40	
CHEM ENGRG ASST PROF	3	Female	2	66.67	23.26	
		Minority	2	66.67	23.76	
		Black	1	33.33	3.07	
		Hispanic	0	0.00	3.90	
		Asian	1	33.33	16.38	
		AmIndian	0	0.00	0.40	

*Comparison of Incumbency to Availability is performed using the Two Standard Deviation Test  
Yes indicates Number of Standard Deviations <= -2.00*

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CHEM ENGRG OTHER FAC	1	Female	0	0.00	60.37	
		Minority	1	100.00	61.64	
		Black	0	0.00	7.97	
		Hispanic	0	0.00	10.13	
		Asian	1	100.00	42.50	
		AmIndian	0	0.00	1.04	
CIVIL & MAT ENGR PROF	8	Female	0	0.00	21.40	
		Minority	3	37.50	24.22	
		Black	0	0.00	2.64	
		Hispanic	1	12.50	4.00	
		Asian	2	25.00	17.29	
		AmIndian	0	0.00	0.29	
CIVIL & MAT ENGR ASSOC PROF	5	Female	1	20.00	17.12	
		Minority	1	20.00	19.37	
		Black	0	0.00	2.11	
		Hispanic	0	0.00	3.20	
		Asian	1	20.00	13.83	
		AmIndian	0	0.00	0.23	
CIVIL & MAT ENGR ASST PROF	3	Female	0	0.00	21.40	
		Minority	0	0.00	24.22	
		Black	0	0.00	2.64	
		Hispanic	0	0.00	4.00	
		Asian	0	0.00	17.29	
		AmIndian	0	0.00	0.29	
CIVIL & MAT ENGR OTHER FAC	1	Female	1	100.00	21.40	
		Minority	1	100.00	24.22	
		Black	0	0.00	2.64	
		Hispanic	0	0.00	4.00	
		Asian	1	100.00	17.29	
		AmIndian	0	0.00	0.29	
CIVIL & MAT ENGR VST FAC	2	Female	0	0.00	21.40	
		Minority	2	100.00	24.22	
		Black	0	0.00	2.64	
		Hispanic	0	0.00	4.00	
		Asian	2	100.00	17.29	
		AmIndian	0	0.00	0.29	
CMPTR SCI PROF	10	Female	1	10.00	19.80	
		Minority	5	50.00	26.34	
		Black	0	0.00	2.83	
		Hispanic	0	0.00	2.54	
		Asian	5	50.00	20.58	
		AmIndian	0	0.00	0.39	
CMPTR SCI ASSOC PROF	11	Female	2	18.18	19.98	
		Minority	3	27.27	26.24	
		Black	0	0.00	3.15	
		Hispanic	0	0.00	2.83	
		Asian	3	27.27	19.84	
		AmIndian	0	0.00	0.43	

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CMPTR SCI ASST PROF	4	Female	2	50.00	19.98	
		Minority	1	25.00	26.24	
		Black	0	0.00	3.15	
		Hispanic	0	0.00	2.83	
		Asian	1	25.00	19.84	
		AmIndian	0	0.00	0.43	
CMPTR SCI OTHER FAC	5	Female	1	20.00	19.98	
		Minority	1	20.00	26.24	
		Black	1	20.00	3.15	
		Hispanic	0	0.00	2.83	
		Asian	0	0.00	19.84	
		AmIndian	0	0.00	0.43	
CMPTR SCI VST FAC	1	Female	0	0.00	20.20	
		Minority	0	0.00	26.52	
		Black	0	0.00	3.18	
		Hispanic	0	0.00	2.86	
		Asian	0	0.00	20.05	
		AmIndian	0	0.00	0.43	
ELECTRICAL & CMPTR ENGR PROF	13	Female	1	7.69	10.33	
		Minority	8	61.54	34.28	
		Black	0	0.00	3.15	
		Hispanic	0	0.00	3.05	
		Asian	8	61.54	27.81	
		AmIndian	0	0.00	0.27	
ELECTRICAL & CMPTR ENGR ASSOC	7	Female	0	0.00	18.62	
		Minority	3	42.86	38.25	
		Black	0	0.00	3.19	
		Hispanic	0	0.00	3.09	
		Asian	3	42.86	31.70	
		AmIndian	0	0.00	0.27	
ELECTRICAL & CMPTR ENGR ASST P	7	Female	4	57.14	12.20	
		Minority	5	71.43	32.72	
		Black	0	0.00	3.72	
		Hispanic	0	0.00	3.60	
		Asian	5	71.43	25.07	
		AmIndian	0	0.00	0.32	
ELECTRICAL & CMPTR ENGR OTHER	6	Female	1	16.67	12.20	
		Minority	2	33.33	32.72	
		Black	0	0.00	3.72	
		Hispanic	0	0.00	3.60	
		Asian	2	33.33	25.07	
		AmIndian	0	0.00	0.32	
ELECTRICAL & CMPTR ENGR VST FA	2	Female	0	0.00	12.20	
		Minority	0	0.00	32.72	
		Black	0	0.00	3.72	
		Hispanic	0	0.00	3.60	
		Asian	0	0.00	25.07	
		AmIndian	0	0.00	0.32	

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Job Group	Total Incumbents (#)	Category	Incumbents (#)	Incumbency (%)	Availability (%)	Less than Reasonably Expected?
MECH&INDUST ENGR PROF	13	Female	0	0.00	14.60	
		Minority	3	23.08	26.82	
		Black	0	0.00	3.77	
		Hispanic	0	0.00	3.52	
		Asian	3	23.08	18.99	
		AmIndian	0	0.00	0.54	
MECH&INDUST ENGR ASSOC PROF	4	Female	0	0.00	14.60	
		Minority	2	50.00	26.82	
		Black	0	0.00	3.77	
		Hispanic	0	0.00	3.52	
		Asian	2	50.00	18.99	
		AmIndian	0	0.00	0.54	
MECH&INDUST ENGR ASST PROF	3	Female	3	100.00	14.60	
		Minority	1	33.33	26.82	
		Black	0	0.00	3.77	
		Hispanic	1	33.33	3.52	
		Asian	0	0.00	18.99	
		AmIndian	0	0.00	0.54	
MECH&INDUST ENGR OTHER FAC	4	Female	1	25.00	14.60	
		Minority	2	50.00	26.82	
		Black	0	0.00	3.77	
		Hispanic	0	0.00	3.52	
		Asian	2	50.00	18.99	
		AmIndian	0	0.00	0.54	
MECH&INDUST ENGR VST FAC	2	Female	0	0.00	14.60	
		Minority	1	50.00	85.31	
		Black	0	0.00	3.77	
		Hispanic	1	50.00	3.52	
		Asian	0	0.00	18.99	
		AmIndian	0	0.00	0.54	

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