

National Council of Examiners for Engineering and Surveying (NCEES)
Fundamentals of Engineering Examination

OCTOBER 2004 Administration

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Report 5 - Subject Matter Report by Major Based on Particular PM Examination Selected

ABET-Accredited Engineering Program Examinees
Currently Enrolled in School

Board: OKLAHOMA
Board Code: 55
Major: ELECTRICAL

Name of Institution:
School Code: 5503
PM Examination Selected: ELECTRICAL

Oklahoma State University (Eng)

	This Institution	State	Nat'l	Comparator Groupings			
No. Examinees Taking	4	16	584	301	147	93	
No. Examinees Passing	4	13	439	236	105	68	
% Examinees Passing	100%	81%	75%	78%	71%	73%	

	This Institution	Nat'l	Difference Between OSU & National	Nat'l Standard Deviation	Carnegie Rsrch/Doc Extensive Average Percent Correct	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
AM Subject (1 point each)							
CHEMISTRY	11	68	62	6	2.1	64	59
COMPUTERS	7	93	76	17	1.4	78	74
DYNAMICS	9	58	56	2	1.9	58	53
ELECTRICAL CIRCUITS	12	92	73	19	2.2	74	72
ENGINEERING ECON	5	80	66	14	1.3	68	61
ETHICS	5	55	59	-4	1.1	60	57
FLUID MECHANICS	8	38	41	-3	1.7	42	37
MAT SCI/STR MATTER	8	41	48	-7	1.6	51	47
MATHEMATICS	24	80	61	19	4.4	63	61
MECH OF MATERIALS	8	34	33	1	1.3	33	33
STATICS	12	67	47	20	2.5	48	46
THERMODYNAMICS	11	48	39	9	2.2	39	37

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	Number of Exam Questions	This Institution Average Percent Correct	Nat'l Average Percent Correct	Difference Between OSU & National	Nat'l Standard Deviation	Carnegie Rsrch/Doc Extensive Average Percent Correct	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
PM Subject (2 points each)								
ANALOG ELEC CIRCUITS	6	54	40	14	1.4	42	39	40
CONT SYS THEORY ANAL	6	42	36	6	1.3	38	34	34
COMP HARDWR ENGINRNG	3	50	47	3	0.8	49	47	43
COMP & NUM METHODS	3	58	51	7	1	53	45	52
COMP SOFTWR ENGINRNG	3	92	84	8	0.7	86	81	81
COMM THEORY	6	29	31	-2	1.2	32	29	30
DIGITAL SYSTEMS	6	96	68	28	1.5	71	64	66
ELECTRO THEORY & APP	6	71	45	26	1.3	47	44	41
INSTRUMENTATION	3	75	58	17	0.6	57	61	57
NETWORK ANALYSIS	6	50	37	13	1.4	39	37	34
POWER SYSTEMS	3	58	51	7	0.9	52	51	51
SIGNAL PROCESSING	3	75	45	30	0.9	47	44	43
SOLID ST ELEC & DEV	6	75	55	20	1.4	57	51	55

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