

Fundamentals of Engineering Exam

APRIL 2001 Admin

Report 5 Currently Enrolled in School

ECEN-ELECTRICAL

PM Examination Selected: Electrical

Electrical-Electrical, Report 5	OSU	State	Nat'l											
No. Examinees Taking	2	10	960											
No. Examinees Passing	0	5	767											
% Examinees Passing	0%	50%	80%											
	OSU	OSU	Nat'l	Nat'l	Percent						Indicates	Indicates		
Number of Exam Questions	OSU Average Percent Correct	Number of Exam Questions Correct	OSU Number of Exam Questions Attempted	Nat'l Number of Exam Questions Correct	Nat'l Number of Exam Questions Attempted	Difference Between OSU & Nat'l	z-statistic Comparing OSU to Nat'l as truth	p-value two-sided not equal test			2 sigma difference A=Above B=Below	3 sigma difference A=Above B=Below		
AM Subject (1 Point Each)														
CHEMISTRY	11	64.00	14	22	62.00	6,547	10,560	2.00	0.19326521	0.8467513019065050				
COMPUTERS	7	21.00	3	14	74.00	4,973	6,720	-53.00	-4.52102963	0.0000061597706285	B B	B B B	Below	
DYNAMICS	9	44.00	8	18	62.00	5,357	8,640	-18.00	-1.57333468	0.1156413557261710				
ELECTRICAL CIRCUITS ENGINEERING ECON	12	46.00	11	24	81.00	9,331	11,520	-35.00	-4.37073379	0.0000123926893123	B B	B B B	Below	
ETHICS	5	10.00	1	10	63.00	3,024	4,800	-53.00	-3.47140059	0.0005178437594702	B B	B B B	Below	
ETHICS	5	60.00	6	10	83.00	3,984	4,800	-23.00	-1.93626292	0.0528353690390053				
FLUID MECHANICS	8	56.00	9	16	50.00	3,840	7,680	6.00	0.48000000	0.6312274025895220				
MAT SCI/STR MATTER	8	50.00	8	16	60.00	4,608	7,680	-10.00	-0.81649658	0.4142160568297660				
MATHEMATICS	24	42.00	20	48	68.00	15,667	23,040	-26.00	-3.86157542	0.0001127003847425	B B	B B B	Below	
MECH OF MATERIALS	8	38.00	6	16	36.00	2,765	7,680	2.00	0.16666667	0.8676323254591790				
STATICS	12	13.00	3	24	42.00	4,838	11,520	-29.00	-2.87849167	0.0039959499655589	B B	B B B	Below	
THERMODYNAMICS	11	45.00	10	22	54.00	5,702	10,560	-9.00	-0.84698955	0.3970008399725190				
PM Subject (2 Points Each)														
ANALOG ELEC CIRCUITS	6	42.00	5	12	55.00	3,168	5,760	-13.00	-0.90520381	0.3653573600046460				
CONT SYS THEORY ANAL	6	42.00	5	12	52.00	2,995	5,760	-10.00	-0.69337525	0.4880739465368510				
COMP HARDWR ENGINRNG	3	67.00	4	6	73.00	2,102	2,880	-6.00	-0.33104236	0.7406126210985790				
COMP & NUM METHODS	3	33.00	2	6	61.00	1,757	2,880	-28.00	-1.40616549	0.1596750904875600				
COMP SOFTWR ENGINRNG	3	17.00	1	6	65.00	1,872	2,880	-48.00	-2.46505244	0.0136993344916199	B B	B B B	Below	
COMM THEORY	6	33.00	4	12	53.00	3,053	5,760	-20.00	-1.38814155	0.1650940538908850				
DIGITAL SYSTEMS	6	17.00	2	12	51.00	2,938	5,760	-34.00	-2.35606036	0.0184698828006373	B B	B B B	Below	
ELECTRO THEORY & APP	6	42.00	5	12	52.00	2,995	5,760	-10.00	-0.69337525	0.4880739465368510				
INSTRUMENTATION	3	0.00	0	6	57.00	1,642	2,880	-57.00	-2.82019297	0.0047996018142080	B B	B B B	Below	
NETWORK ANALYSIS	6	8.00	1	12	63.00	3,629	5,760	-55.00	-3.94622802	0.0000794261043067	B B	B B B	Below	
POWER SYSTEMS	3	17.00	1	6	40.00	1,152	2,880	-23.00	-1.15000000	0.2501439775019090				
SIGNAL PROCESSING	3	33.00	2	6	42.00	1,210	2,880	-9.00	-0.44666250	0.6551188067976910				
SOLID ST ELEC & DEV	6	25.00	3	12	56.00	3,226	5,760	-31.00	-2.16337579	0.0305121788122844	B B			