

Fundamentals of Engineering Exam

OCT 1998 Admin

Report 5 Currently Enrolled in School

ECEN-ELECTRICAL

PM Examination Selected: **Electrical**

Electrical-Electrical, Report 5	OSU	State	Nat'l											
No. Examinees Taking	1	3	495											
No. Examinees Passing	1	3	404											
% Examinees Passing	100%	100%	82%											
	OSU	OSU	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 Average Percent Correct	Number of Exam Questions Correct	Number of Exam Questions Attempted	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	45.00	5	11	69.00	3,757	5,445	-24.00	-1.72108449	0.0852354197203631				
COMPUTERS	7	71.00	5	7	69.00	2,391	3,465	2.00	0.11441254	0.9089106775505590				
DYNAMICS	9	56.00	5	9	65.00	2,896	4,455	-9.00	-0.56607381	0.5713435266030530				
ELECTRICAL CIRCUITS	12	75.00	9	12	72.00	4,277	5,940	3.00	0.23145502	0.8169614072321370				
ENGINEERING ECON	5	40.00	2	5	66.00	1,634	2,475	-26.00	-1.22728923	0.2197140297090190				
ETHICS	5	100.00	5	5	77.00	1,906	2,475	23.00	1.22209103	0.2216733311865690				
FLUID MECHANICS	8	50.00	4	8	49.00	1,940	3,960	1.00	0.05657986	0.9548797397021070				
MAT SCI/STR MATTER	8	38.00	3	8	64.00	2,534	3,960	-26.00	-1.53206469	0.1255065079100090				
MATHEMATICS	24	71.00	17	24	72.00	8,554	11,880	-1.00	-0.10910895	0.9131159754248590				
MECH OF MATERIALS	8	38.00	3	8	39.00	1,544	3,960	-1.00	-0.05798929	0.9537570221645750				
STATICS	12	42.00	5	12	53.00	3,148	5,940	-11.00	-0.76347785	0.4451783222927790				
THERMODYNAMICS	11	45.00	5	11	53.00	2,886	5,445	-8.00	-0.53161774	0.5949907292746100				
PM Subject (2 Points Each)														
ANALOG ELEC CIRCUITS	6	50.00	3	6	49.00	1,455	2,970	1.00	0.04899960	0.9609194839164130				
CONT SYS THEORY ANAL	6	33.00	2	6	64.00	1,901	2,970	-31.00	-1.58196213	0.1136582234174740				
COMP HARDWR ENGINRNG	3	67.00	2	3	61.00	906	1,485	6.00	0.21306625	0.8312753538955980				
COMP & NUM METHODS	3	67.00	2	3	52.00	772	1,485	15.00	0.52003143	0.6030416327789440				
COMP SOFTWR ENGINRNG	3	100.00	3	3	69.00	1,025	1,485	31.00	1.16095912	0.2456586336645480				
COMM THEORY	6	33.00	2	6	52.00	1,544	2,970	-19.00	-0.93155164	0.3515682415618860				
DIGITAL SYSTEMS	6	17.00	1	6	51.00	1,515	2,970	-34.00	-1.66598626	0.0957161086573892				
ELECTRO THEORY & APP	6	100.00	6	6	56.00	1,663	2,970	44.00	2.17124059	0.0299128834519680	A A			
INSTRUMENTATION	3	0.00	0	3	29.00	431	1,485	-29.00	-1.10695624	0.2683129344732030				
NETWORK ANALYSIS	6	67.00	4	6	62.00	1,841	2,970	5.00	0.25232367	0.8007910024853100				
POWER SYSTEMS	3	33.00	1	3	48.00	713	1,485	-15.00	-0.52003143	0.6030416327789440				
SIGNAL PROCESSING	3	100.00	3	3	44.00	653	1,485	56.00	1.95401684	0.0506990857945682				
SOLID ST ELEC & DEV	6	0.00	0	6	42.00	1,247	2,970	-42.00	-2.08442500	0.0371213960963210	B B			