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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY

Board Code: 71

Major: AGRICULTURAL

Name of Institution: University of Kentucky
Institution Code: 10

PM Examination Selected: GENERAL

	This	State	Nat'l			
	Institution			Compa	rator Group	pings
No. Examinees Taking	5	5	81	64	- 5	3
No. Examinees Passing	5	5	69	56	5	2
% Examinees Passing	100%	100%	85%	888	100%	67%

Numl of I Quest	Instit oer Ave Exam Per	nis cution erage ccent crect	Nat'l Average Percent Correct	Nat'l Standard Deviation	- 1000000000000000000000000000000000000	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
AM Subject (1 point	each)						
CHEMISTRY COMPUTERS DYNAMICS ELECTRICAL CIRCUITS ENGINEERING ECON ETHICS FLUID MECHANICS MAT SCI/STR MATTER MATHEMATICS MECH OF MATERIALS STATICS THERMODYNAMICS	11 7 9 12 5 5 8 8 24 8 12	65 57 73 55 88 68 65 63 66 53 68 73	70 69 55 74 67 61 66 64 62 63	2.0 1.4 1.6 2.3 1.1 1.0 1.4 1.7 2.4	71 60 71 56 73 68 62 65 64 63 64 62	69 57 76 70 68 64 65 78 75 68 75	48 81 59 39 67 60 63 58 57 71 50 27
PM Subject (2 points	each)						
ELECTRICAL CIRCUITS CHEMISTRY COMPUTERS DYNAMICS ENGINRING ECONOMICS ETHICS FLUID MECHANICS MATHEMATICS MAT SCI/STR MATTER MECH OF MATERIALS STATICS THERMODYNAMICS	6 5 3 5 3 4 12 3 4 6 6	47 32 67 40 60 80 70 52 53 40 53	54 39 65 39 63 77 51 58 54 35 65 47	1.5 1.1 0.9 1.1 0.9 0.7 1.1 2.1 0.8 1.0 1.4	53 39 68 40 63 76 53 59 55 37 66 49	60 40 47 36 87 67 40 70 60 50 63 57	56 40 67 27 33 89 25 53 44 25 72

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY	Name of Institution: University of Kentucky
Board Code: 71	Institution Code: 10
Major: AGRICIII TIRAL	PM Eyamination Selected FNVIDONMENTAL

Board Code: 71 Major: AGRICULTURAL			Institution Code: 10 PM Examination Selected: ENVIRONMENTAL					
	This	State	Nat'l					
*	Institut			Compan	rator Group	pings		
No. Examinees Taking	1	1	4	4				
No. Examinees Passing	1		3	3	•	*		
% Examinees Passing	100%	100%	75%	75%	• %	· 8		
				G	G	Ga		
	This			Carnegie	Carnegie Rsrch/Doc	Carnegie Masters		
	Institut		Nat'l		Intensive	Comp.		
Numb			Standard	Average	Average	Average		
of E		57.	Deviation		Percent	Percent		
Quest			Devide	Correct	Correct	Correct		
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
AM Subject (1 point	each)							
CHEMISTRY	11 64	80	2.1	80		•		
COMPUTERS	7 🐇 86		2.8	61	(*)			
DYNAMICS	9 67	69	1.0	69	. 9 .5			
ELECTRICAL CIRCUITS	12 67		1.3	56	•	•		
ENGINEERING ECON	5 100	75	1.5	75	■ (*)	•		
ETHICS	5 80		0.6	70	•			
FLUID MECHANICS	8 63		1.0	59	(1)			
MAT SCI/STR MATTER	8 63		0.8	63	>•)1	*		
MATHEMATICS	24 71		5.8	56	* 0	₩ -		
MECH OF MATERIALS	8 50		1.9	56		\$.		
STATICS THERMODYNAMICS	12 67 11 55		2.4 2.9	54 45	***	•		
THERMODINAMICS	11 22	45	2.9	45	\$973	•		
PM Subject (2 points	each)							
AIR QUALITY ENG	9 56	44	1.4	44				
ENV SCIENCE & MNGMNT	9 44		1.0	50	- 100 - 100 - 100	13 8 ¥ U		
WATER RESOURCES	15 53		3.3	52	(.	5011		
SOLID & HAZ WASTE	9 56		2.1	28	3.00	: ●1		
WATER & WASTEWATER	18 44	46	3.3	46		•		

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Kentucky

Board Code: 71 Institution Code: 10

Major: CIVIL	PM Examination Selected: CIVIL						
	Tn	This stitution	State	Nat'l	Compa	rator Group	oinge
No. Examinees Taking	111.	33	45	1688	A Company of the Comp	247	The state of the s
					1049		179
No. Examinees Passing	1	23	31	1369	882	205	132
% Examinees Passing		70%	69%	81%	84%	83%	74%
Numb of E Quest	er Exam	Percent	Nat'l Average Percent Correct	Nat'l Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
AM Subject (1 point	each)						
CHEMISTRY	11	62	61	2.1	63	62	59
COMPUTERS	7	60	53	1.4	55	49	53
DYNAMICS	9	69	64	1.8	66	66	59
ELECTRICAL CIRCUITS	12	33	41	2.1	41	45	39
ENGINEERING ECON	5	67	72	1.1	72	71	70
ETHICS	5	72	66	1.0	66	65	67
FLUID MECHANICS	8	59	56	1.6	58	58	51
MAT SCI/STR MATTER	8	61	61	1.5	62	62	56
MATHEMATICS	24	60	59	3.8	61	59	57
MECH OF MATERIALS	8	63	63	1.5	65	64	62
STATICS	12	62	61	2.2	63	(FE 40)	
						64	58
THERMODYNAMICS	11	51	45	2.1	46	48	40
PM Subject (2 points	each)					
CONSTRUCTION MGMNT	3	46	43	0.9	43	43	41
COMP & NUM METHODS	6	52	53	1.2	55	54	51
ENVIRONMENTAL ENGR	6	56	55	1.1	56	58	52
HYDRAUL/HYDROLOG SYS	6	61	59	1.4	59	63	54
LEGAL & PROF ASPECTS	3	80	75	0.8	75	74	74
STRUCTURAL ANALYSIS	6	63	64	1.0	64	66	62
STRUCTURAL DESIGN	6	33	48	1.3	47	52	46
SOIL MECH & FOUNDAT	6	54	56	1.4	58	58	53
SURVEYING	6	47	45	1.2	45		47
						47	
TRANS FACILITIES	6	45	50	1.3	50	52	49
WATER PUR & TREAT	6	49	51	1.5	50	53	49

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Kentucky

Institution Code: 10 Board Code: 71

Major: CIVIL	PM Examination Selected: GENERAL					
No. Examinees Taking No. Examinees Passing % Examinees Passing	This Institut: 5 g 3 60%	State ion 5 3 60%	Nat'1 899 605 67%	Compa: 442 340 77%	rator Grouj 111 61 55%	pings 265 152 57%
Ques	Exam Percentions Correct	ge Average nt Percent	Nat'l Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
AM Subject (1 point	each)					
CHEMISTRY COMPUTERS DYNAMICS ELECTRICAL CIRCUITS ENGINEERING ECON ETHICS FLUID MECHANICS MAT SCI/STR MATTER MATHEMATICS MECH OF MATERIALS STATICS THERMODYNAMICS	11 60 7 60 9 67 12 42 5 60 5 52 8 73 8 55 24 62 8 53 12 50 11 56	60 52 64 44 67 63 53 58 60 63 61 45	2.1 1.5 1.9 2.3 1.2 1.1 1.8 1.6 4.0 1.6 2.4 2.4	63 56 67 45 71 64 56 63 66 64 47	54 49 58 41 62 50 52 55 61 57	56 47 61 42 64 63 50 55 58 59 56 42
PM Subject (2 point	s each)					
ELECTRICAL CIRCUITS CHEMISTRY COMPUTERS DYNAMICS ENGINRING ECONOMICS ETHICS FLUID MECHANICS MATHEMATICS MAT SCI/STR MATTER MECH OF MATERIALS STATICS THERMODYNAMICS	6 33 5 56 3 67 5 40 3 60 3 80 4 30 12 45 3 53 4 15 6 60 6 40	35 59 70 47 61 52 35	1.4 1.0 0.9 1.2 0.9 0.8 1.0 2.3 0.9 0.9 1.5	42 39 63 36 62 71 48 65 59 36 61 40	38 35 48 40 55 73 46 56 46 37 52 33	38 34 50 34 56 68 46 56 46 33 53

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Kentucky Board Code: 71 Institution Code: 10

Major: ELECTRICAL PM Examination Selected: ELECTRICAL

Major: ELECTRICAL			PM Exam	ination Se.	rected: Eri	ECTRICAL	
	T	This	State	Nat'l	G	G	
	In.	stitution	_			rator Group	
No. Examinees Taking		1	2	597	272	120	107
No. Examinees Passing		1	2	472	228	79	82
<pre>% Examinees Passing</pre>		100%	100%	79%	84%	66%	77%
						~	~
		A222 0			Carnegie	Carnegie	Carnegie
	223	This	90001 61 086	2021 F62-2	See the state of the second se	Rsrch/Doc	Masters
		stitution		Nat'l		Intensive	Comp.
Numb		Average	Average	Standard	Average	Average	Average
of E	xam	Percent	Percent	Deviation	Percent	Percent	Percent
Quest	ions	Correct	Correct		Correct	Correct	Correct
AM Subject (1 point	each)						
CHEMISTRY	11	55	56	2.0	58	54	54
COMPUTERS		* 86	73	1.5	76	68	70
DYNAMICS	9	44	59	1.8	61	56	56
ELECTRICAL CIRCUITS	12	75	71	2.0	73	70	70
				1.3	63	58	62
ENGINEERING ECON	5	100	62	(0.000)	0.000	17/300	59
ETHICS	5	100	64	1.1	66	64	
FLUID MECHANICS	8	25	40	1.4	41	38	38
MAT SCI/STR MATTER	8	88	55	1.7	56	51	53
MATHEMATICS	24	88	67	4.0	69	64	66
MECH OF MATERIALS	8	50	40	1.4	41	39	39
STATICS	12	75	53	2.3	56	49	51
THERMODYNAMICS	11	36	41	2.2	43	38	38
DW Cubicat (2 points	onah	`					
PM Subject (2 points	eacn	,					
ANALOG ELEC CIRCUITS	6	67	49	1.2	50	47	51
CONT SYS THEORY ANAL	6	33	44	1.2	44	43	45
COMP HARDWR ENGINENG	3	67	44	0.9	48	39	42
COMP & NUM METHODS	3	67	39	0.8	41	35	40
COMP SOFTWR ENGINENG	3	33	68	1.0	72	60	66
COMM THEORY	6	33	49	1.2	48	48	50
DIGITAL SYSTEMS	6	67	70	1.4	73	66	65
ELECTRO THEORY & APP	6	83	46	1.2	48	42	45
INSTRUMENTATION	3	67	46	0.9	51	43	42
	6		40	1.3	43	40	43
NETWORK ANALYSIS		67	11 20 20			100.00	
POWER SYSTEMS	3	100	44	0.7	47	38	43
SIGNAL PROCESSING	3	33	37	0.9	38	41	29
SOLID ST ELEC & DEV	6	67	56	1.4	61	47	55

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Kentucky

Institution Code: 10 Board Code: 71

Major: MATERIALS			PM Exam	ination Sel	Lected: CI	VIL	
No. Examinees Taking No. Examinees Passing % Examinees Passing		This stitution 1 1	State 1 1 100%	Nat'1 25 18 72%	Compar 17 12 71%	rator Group 4 3 75%	oings 1 1 100%
Numb of E Quest AM Subject (1 point	er xam ions	This stitution Average Percent Correct	Nat'l Average Percent Correct	Nat'l Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
CHEMISTRY COMPUTERS DYNAMICS ELECTRICAL CIRCUITS ENGINEERING ECON ETHICS FLUID MECHANICS MAT SCI/STR MATTER MATHEMATICS MECH OF MATERIALS STATICS THERMODYNAMICS	11	100 71 44 25 20 60 88 88 71 50 67	64 54 56 37 66 57 61 59 60 61 61 42	2.4 1.1 1.6 2.1 1.3 0.9 1.9 1.7 3.5 1.2 2.3 1.9	66 52 60 36 64 54 58 62 61 62 59 42	80 46 39 35 75 65 66 53 56 56 60 41	64 86 67 58 80 60 75 75 63 75 45
PM Subject (2 points CONSTRUCTION MGMNT COMP & NUM METHODS ENVIRONMENTAL ENGR HYDRAUL/HYDROLOG SYS LEGAL & PROF ASPECTS STRUCTURAL ANALYSIS STRUCTURAL DESIGN SOIL MECH & FOUNDAT SURVEYING TRANS FACILITIES WATER PUR & TREAT	each 3 6 6 6 6 6 6 6 6 6	67 33 33 50 100 67 17 50 50 67	43 55 57 54 80 66 41 50 43 45	0.8 1.1 1.4 1.4 0.8 1.2 1.2 1.1	41 52 52 59 73 64 40 53 43 48 56	50 54 67 46 92 75 50 42 42 75	33 83 83 50 100 83 50 33 50 67

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Kentucky

Board Code: 71 Institution Code: 10

Major: MECHANICAL	PM Examination Selected: GENERAL					
No. Examinees Taking No. Examinees Passin % Examinees Passing		State 12 9 75%	Nat'1 1287 1084 84%	Compa: 651 575 88%	rator Group 274 216 79%	pings 198 160 81%
	Exam Percent tions Correct	Nat'l Average Percent Correct	Nat'l Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
CHEMISTRY COMPUTERS DYNAMICS ELECTRICAL CIRCUITS ENGINEERING ECON ETHICS FLUID MECHANICS MAT SCI/STR MATTER MATHEMATICS MECH OF MATERIALS STATICS THERMODYNAMICS	11 57 7 54 9 64 12 63 5 55 5 80 8 53 8 78 24 77 8 75 12 60 11 68	60 58 71 58 67 66 57 66 65 65 63 62	2.1 1.6 1.7 2.1 1.2 1.1 1.7 1.5 3.8 1.5 2.2 2.3	61 62 74 60 69 66 59 68 67 65 66	58 52 67 54 64 64 54 63 65 60 61	58 55 69 55 66 64 64 64 61 59
PM Subject (2 point ELECTRICAL CIRCUITS CHEMISTRY COMPUTERS DYNAMICS ENGINRING ECONOMICS ETHICS FLUID MECHANICS MATHEMATICS MAT SCI/STR MATTER MECH OF MATERIALS STATICS THERMODYNAMICS	s each) 6 46 5 55 3 58 5 35 3 75 4 63 12 73 3 58 4 38 6 63 6 46	50 36 66 40 58 70 47 64 59 40 64 47	1.4 1.0 0.9 1.3 0.9 0.8 1.1 2.2 0.9 1.0	50 36 69 41 59 70 47 65 60 41 66	47 36 61 40 53 70 46 62 58 40 63 46	51 34 59 36 60 68 48 61 56 40 61 46

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Kentucky

Board Code: 71
Major: MECHANICAL

Institution Code: 10
PM Examination Selected: MECHANICAL

Major: MECHANICAL		PM Exam	ination Se	lected: ME	CHANICAL	
	This	State	Nat'l			
	Institution			Compa	rator Group	pings
No. Examinees Taking	4	10	499	289	94	45
No. Examinees Passing	3	9	435	253	82	37
% Examinees Passing	75%	90%	87%	88%	87%	82%
		2				
Numb of E Quest	xam Percent	Nat'l Average Percent Correct	Nat'l Standard Deviation		Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
AM Subject (1 point	each)					
CHEMISTRY	11 61	60	2.0	62	60	60
COMPUTERS	7 64	60	1.6	58	61	63
DYNAMICS	9 83	71	1.8	72	69	66
ELECTRICAL CIRCUITS	12 69	58	2.1	59	55	56
ENGINEERING ECON	5 60	65	1.2	64	66	68
ETHICS	5 65	66	1.1	66	66	64
FLUID MECHANICS	8 50	59	1.6	60	57	57
MAT SCI/STR MATTER	8 56	69	1.5	69	68	67
MATHEMATICS	24 66	64	3.9	65	63	66
MECH OF MATERIALS	8 63	65	1.5	66	62	63
STATICS	12 58	64	2.2	64	64	64
THERMODYNAMICS	11 59	62	2.3	62	63	60
PM Subject (2 points	each)					
AUTOMATIC CONTROLS	3 58	50	1.0	49	54	46
COMPUTER	3 33	43	0.9	44	42	38
MECHANICAL DESIGN	6 38	65	1.4	66	61	61
DYNAMIC SYSTEMS	6 50	43	1.4	45	40	40
ENERGY CONVERSION	3 42	50	1.0	48	50	48
FLUID MECHANICS	6 58	49	1.1	48	51	48
FANS/PUMPS & COMPR	3 33	19	0.7	18	17	18
HEAT TRANSFER	6 63	57	1.3	56	60	54
MEASUREMENT & INSTRU	6 67	61	1.3	61	63	63
MATL BEHAV & PROCESS	3 33	52	0.9	52	51	53
REFRIGERATION & HVAC	3 42	34	0.9	35	33	34
STRESS ANALYSIS	6 50	37	1.4	37	35	32
THERMODYNAMICS	6 71	61	1.3	61	62	60

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Kentucky Institution Code: 10
PM Examination Selected: GENERAL

Board Code: 71

Major: MINING	PM Examination Selected: GENERAL						
		This	State	Nat'l			
	Ir	stitution			Compar	rator Group	pings
No. Examinees Taking		1	1	22	6	8	•
No. Examinees Passing	1	1	1	10	4	2	•
% Examinees Passing		100%	100%	45%	67%	25%	.%
					Carnegie	Carnegie	Carnegie
		This				Rsrch/Doc	Masters
	Tr	stitution	Nat'l	Nat'l		Intensive	
Numi			Average	Standard	Average	Average	Average
	Exam	Percent		Deviation		Percent	Percent
	7. F.J. (20.22 - 22.1)		Percent	Deviacion			
Quest	cions	Correct	Correct		Correct	Correct	Correct
AM Subject (1 point	each)						
CHEMISTRY	11	64	66	1.9	68	64	
COMPUTERS	7	71	47	1.4	57	39	12.
DYNAMICS	9	100	66	1.9	76	63	
ELECTRICAL CIRCUITS	12	58	44	3.0	54	34	67.0
ENGINEERING ECON	5	80	73	1.1	80	58	
ETHICS	5	80	63	1.1	60	58	
FLUID MECHANICS	8	38	44	1.7	48	38	8. 9 87
MAT SCI/STR MATTER	8	63	63	1.4	71	63	().
MATHEMATICS	24	46	50	4.2	60	42	()
MECH OF MATERIALS	8	88	52	1.6	58	45	•
						51	
STATICS	12	67	56	1.8	60 43		8 .0 0
THERMODYNAMICS	11	36	45	1.9	41	47	i.e.d
PM Subject (2 points	s each	n)					
ELECTRICAL CIRCUITS	6	33	39	1.0	36	33	•
CHEMISTRY	5	60	40	1.1	47	43	(•)
COMPUTERS	3	67	65	1.0	67	54	
DYNAMICS	5	40	41	1.1	40	40	•
ENGINRING ECONOMICS	3	33	55	1.0	44	38	1000 1000
ETHICS	3	67	70	0.8	78	71	0.501 8 4 1
FLUID MECHANICS	4	75	47	1.1	63	50	500
MATHEMATICS	12	58	48	2.2	53	44	. = :
MAT SCI/STR MATTER	3	67	48	0.7	67	42	225
MECH OF MATERIALS	4	75	27	1.0	33	25	98 5 0 028
STATICS	6	100	48	1.7	61	33	4.TX
THERMODYNAMICS	6	50	50	0.9	44	56	0 - 3
THERMODINALICS	O	50	50	0.5		30	\$(♠.}

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Louisville

Board Code: 71 Institution Code: 20

Major: CIVIL		PM Examination Selected: CIVIL					
	This Institution	State	Nat'l	Compa	rator Grou	oinas	
No. Examinees Taking	8	45	1688	1049	247	179	
No. Examinees Passing		31	1369	882	205	132	
% Examinees Passing	63%	69%	81%	84%	83%	74%	
6 Examinees rassing	05%	05-6	01.9	04.9	03%	746	
	This Institution Der Average Exam Percent Lions Correct	n Nat'l Average Percent Correct	Nat'l Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct	
AM Subject (1 point	each)						
CHEMISTRY	11 65	61	2.1	63	62	59	
COMPUTERS	7 57	53	1.4	55	49	53	
DYNAMICS	9 58	64	1.8	66	66	59	
ELECTRICAL CIRCUITS	12 44	41	2.1	41	45	39	
ENGINEERING ECON	5 60	72	1.1	72	71	70	
ETHICS	5 65	66	1.0	66	65	67	
FLUID MECHANICS	8 50	56	1.6	58	58	51	
MAT SCI/STR MATTER	8 47	61	1.5	62	62	56	
MATHEMATICS	24 58	59	3.8	61	59	57	
MECH OF MATERIALS	8 44	63	1.5	65	64	62	
STATICS	12 53	61	2.2	63	64	58	
THERMODYNAMICS	11 47	45	2.1	46	48	40	
		40	2.1	40	40	40	
PM Subject (2 points							
CONSTRUCTION MGMNT	3 29	43	0.9	43	43	41	
COMP & NUM METHODS	6 56	53	1.2	55	54	51	
ENVIRONMENTAL ENGR	6 54	55	1.1	56	58	52	
HYDRAUL/HYDROLOG SYS	6 60	59	1.4	59	63	54	
LEGAL & PROF ASPECTS	3 67	75	0.8	75	74	74	
STRUCTURAL ANALYSIS	6 56	64	1.0	64	66	62	
STRUCTURAL DESIGN	6 46	48	1.3	47	52	46	
SOIL MECH & FOUNDAT	6 58	56	1.4	58	58	53	
SURVEYING	6 52	45	1.2	45	47	47	
TRANS FACILITIES	6 48	50	1.3	50	52	49	
WATER PUR & TREAT	6 35	51	1.5	50	53	49	

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: University of Louisville

Board Code: 71 Institution Code: 20

Major: ELECTRICAL		PM Examination Selected: ELECTRICAL					
No Evaminosa Making	Th Instit	ution		Nat'l	25 CO. C.	tor Group	
No. Examinees Taking	01	1	2	597	272	120	107
No. Examinees Passing		1	2	472	228	79	82
% Examinees Passing	10	0% 10	0%	79%	84%	66%	77%
							Carnegie
		is			rch/Doc R	srch/Doc	Masters
	Instit	ution Na	t'l N	Nat'l Ext	tensive I	ntensive	Comp.
Numb	er Ave	rage Ave	rage Sta	andard Av	verage	Average	Average
of E	xam Per	cent Per	cent Dev	viation Pe	ercent	Percent	Percent
Quest	ions Cor	rect Cor	rect	Co	orrect	Correct	Correct
AM Subject (1 point	each)						
CHEMISTRY	11	9	56	2.0	58	54	54
COMPUTERS	7 -		73	1.5	76	68	70
DYNAMICS	9		59	1.8	61	56	56
ELECTRICAL CIRCUITS	12		71	2.0	73	70	70
ENGINEERING ECON			62	1.3	63	58	62
ETHICS	5		64	1.1	66	64	59
FLUID MECHANICS	8	(T-97)	40	1.4	41	38	38
MAT SCI/STR MATTER	8		55	1.7	56	51	53
MATHEMATICS	24		67	4.0	69	64	66
MECH OF MATERIALS	8		40	1.4	41	39	39
STATICS	12		53	2.3	56	49	51
THERMODYNAMICS	11		41	2.2	43	38	38
PM Subject (2 points	each)						
ANALOG ELEC CIRCUITS	6	50	49	1.2	50	47	51
CONT SYS THEORY ANAL	6	33	44	1.2	44	43	45
COMP HARDWR ENGINENG	3	33	44	0.9	48	39	42
COMP & NUM METHODS	3	33	39	0.8	41	35	40
COMP SOFTWR ENGINENG	3 1	.00	68	1.0	72	60	66
COMM THEORY	6	33	49	1.2	48	48	50
DIGITAL SYSTEMS	6		70	1.4	73	66	65
ELECTRO THEORY & APP	6		46	1.2	48	42	45
INSTRUMENTATION	3		46	0.9	51	43	42
NETWORK ANALYSIS	6	5070	42	1.3	43	40	43
POWER SYSTEMS	3		44	0.7	47	38	43
SIGNAL PROCESSING	3		37	0.9	38	41	29
SOLID ST ELEC & DEV	6		56	1.4	61	47	55
The state of the s	2200 mm						

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY

Name of Institution: University of Louisville
Board Code: 71

Institution Code: 20

Major: MECHANICAL				tion Code: ination Se		CHANICAL	
	-	This	State	Nat'1	221	Ω 23	
The state of the s	11	stitution				rator Grou	16.15.145
No. Examinees Taking		5	10	499	289	94	45
No. Examinees Passing		5	9	435	253	82	37
% Examinees Passing		100%	90%	87%	88%	87%	82%
Numb		This stitution Average	Nat'l Average	Nat'l Standard		Carnegie Rsrch/Doc Intensive Average	Carnegie Masters Comp. Average
of E	xam	Percent	Percent	Deviation	Percent	Percent	Percent
Quest	ions	Correct	Correct		Correct	Correct	Correct
AM Subject (1 point	each)						
CHEMISTRY	11	73	60	2.0	62	60	60
COMPUTERS	7	51	60	1.6	58	61	63
DYNAMICS	9	89	71	1.8	72	69	66
ELECTRICAL CIRCUITS	12	62	58	2.1	59	55	56
ENGINEERING ECON	5	72	65	1.2	64	66	68
ETHICS	5	60	66	1.1	66	66	64
FLUID MECHANICS	8	73	59	1.6	60	57	57
MAT SCI/STR MATTER	8	80	69	1.5	69	68	67
MATHEMATICS	24	79	64	3.9	65	63	
MECH OF MATERIALS	8	80	65	1.5	66	62	66
STATICS	12	77	64	2.2		U27/127	63
THERMODYNAMICS	11	77 75	62	2.3	64	64	64
THERMODINAMICS	77	75	62	2.3	62	63	60
PM Subject (2 points	each	1)					
AUTOMATIC CONTROLS	3	60	50	1.0	49	54	46
COMPUTER	3	53	43	0.9	44	42	38
MECHANICAL DESIGN	6	83	65	1.4	66	61	61
DYNAMIC SYSTEMS	6	53	43	1.4	45	40	40
ENERGY CONVERSION	3	53	50	1.0	48	50	48
FLUID MECHANICS	6	47	49	1.1	48	51	48
FANS/PUMPS & COMPR	3	27	19	0.7	18	17	18
HEAT TRANSFER	6	67	57	1.3	56	60	54
MEASUREMENT & INSTRU	6	63	61	1.3	61	63	63
MATL BEHAV & PROCESS	3	60	52	0.9	52	51	53
REFRIGERATION & HVAC	3	40	34	0.9	35	33	34
STRESS ANALYSIS	6	47	37	1.4	37	35	32
THERMODYNAMICS	6	70	61	1.3	61	62	60
	J	70	OT	1.3	OT	04	60

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: Other Board Code: 71 Institution Code: 30

Major: CIVIL				ination Se		VIL	
No. Examinees Taking No. Examinees Passing % Examinees Passing	Ir	This stitution 4 3 75%	State 45 31 69%	Nat'1 1688 1369 81%	Compa: 1049 882 84%	rator Grouj 247 205 83%	pings 179 132 74%
Numbe of Ex Questi	er Kam	This stitution Average Percent Correct	Nat'l Average Percent Correct	Nat'l Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
AM Subject (1 point of CHEMISTRY	each) 11	• 66	61	2.1	63	62	59
COMPUTERS	7	43	53	1.4	55	49	53
DYNAMICS	9	53	64	1.8	66	66	59
ELECTRICAL CIRCUITS	12	29	41	2.1	41	45	39
ENGINEERING ECON	5	45	72	1.1	72	71	70
ETHICS	5	60	66	1.0	66	65	67
FLUID MECHANICS	8	56	56	1.6	58	58	51
MAT SCI/STR MATTER	8	53	61	1.5	62	62	56
MATHEMATICS	24	63	59	3.8	61	59	57
MECH OF MATERIALS	8	44	63	1.5	65	64	62
STATICS THERMODYNAMICS	12 11	52 43	61 45	2.2 2.1	63	64	58
			45	2.1	46	48	40
PM Subject (2 points		:#1					
CONSTRUCTION MGMNT	3	58	43	0.9	43	43	41
COMP & NUM METHODS	6	46	53	1.2	55	54	51
ENVIRONMENTAL ENGR	6	54	55	1.1	56	58	52
HYDRAUL/HYDROLOG SYS	6	58	59	1.4	59	63	54
LEGAL & PROF ASPECTS	3	58	75	0.8	75	74	74
STRUCTURAL ANALYSIS	6	71	64	1.0	64	66	62
STRUCTURAL DESIGN	6	42	48	1.3	47	52	46
SOIL MECH & FOUNDAT	6	54	56	1.4	58	58	53
SURVEYING	6	46	45	1.2	45	47	47
TRANS FACILITIES	6	38	50	1.3	50	52	49
WATER PUR & TREAT	6	58	51	1.5	50	53	49

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY

Name of Institution: Other

Board Code: 71

Institution Code: 30

Major: MECHANICAL		PM Examination Selected: GENERAL					
	In	This stitution	State	Nat'l	Compa	rator Grou	ninas
No. Examinees Taking		5	12	1287	651	274	198
No. Examinees Passing	7	4	9	1084	575	216	160
% Examinees Passing	3 (1)	80%	75%	84%	88%	79%	81%
· mamined rabbing		000	750	010	00%	156	01.9
					Carnegie	Carnegie	Carnegie
		This				Rsrch/Doc	Masters
	In	stitution	Nat'l	Nat'l		Intensive	Comp.
Numl		Average	Average	Standard	Average	Average	Average
of I		Percent	Percent	Deviation	Carlotte Service and reserve a contract of the service of the serv	Percent	Percent
Quest		Correct	Correct	Devideion	Correct	Correct	Correct
guest	LIONS	COLLECT	COLLECT		COLLECT	COLLECT	COLLECT
AM Subject (1 point	each)						
CHEMISTRY	11	51	60	2.1	61	58	58
COMPUTERS	7	₄ 51	58	1.6	62	52	55
DYNAMICS	9	56	71	1.7	74	67	69
ELECTRICAL CIRCUITS	12	47	58	2.1	60	54	55
ENGINEERING ECON	5	72	67	1.2	69	64	66
ETHICS	5	72					
FLUID MECHANICS	8	63	66 57	1.1	66	64	68
MAT SCI/STR MATTER	8		57	1.7	59	54	54
		63	66	1.5	68	63	64
MATHEMATICS	24	67	65	3.8	67	63	64
MECH OF MATERIALS	8	45	65	1.5	65	65	64
STATICS	12	57	63	2.2	66	60	61
THERMODYNAMICS	11	53	62	2.3	64	61	59
PM Subject (2 points	each	.)					
ELECTRICAL CIRCUITS	6	43	50	1.4	50	47	51
CHEMISTRY	5	32	36	1.0	36	36	34
COMPUTERS	3	73	66	0.9	69	61	59
DYNAMICS	5	24	40	1.3	41	40	36
ENGINEING ECONOMICS	3	53	58		59	5350	
ETHICS	3			0.9		53	60
FLUID MECHANICS	4	67	70	0.8	70	70	68
MATHEMATICS	12	65 72	47	1.1	47	46	48
			64	2.2	65	62	61
MAT SCI/STR MATTER	3	40	59	0.9	60	58	56
MECH OF MATERIALS	4	20	40	1.0	41	40	40
STATICS	6	43	64	1.4	66	63	61
THERMODYNAMICS	6	57	47	1.4	50	46	46

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Name of Institution: Murray State Univ.

Board Code: 71 Institution Code: 40
Major: ENGINEEPING PHYSICS/SCIENCE DM Examination Sologt

Major: ENGINEERING	PHYSICS/SCIENCE	PM Exam	ination Se	lected: GE	NERAL	
No. Examinees Taking No. Examinees Passing % Examinees Passing		State 1 2 2 100%	Nat'1 6 5 83%	Compa: 2 1 50%	rator Group .%	pings .%
	Exam Percent tions Correct	Nat'l Average Percent Correct	Nat'l Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
CHEMISTRY COMPUTERS DYNAMICS ELECTRICAL CIRCUITS ENGINEERING ECON ETHICS FLUID MECHANICS MAT SCI/STR MATTER MATHEMATICS MECH OF MATERIALS STATICS THERMODYNAMICS	11 68 7 93 9 83 12 75 5 70 5 80 8 81 8 50 24 79 8 69 12 71 11 68	68 67 72 69 70 80 48 48 72 54 54 55	2.3 2.4 1.5 2.3 0.8 1.1 2.5 1.2 4.0 1.8 3.1 3.0	55 29 56 54 80 70 19 38 54 44 25 36		
PM Subject (2 points ELECTRICAL CIRCUITS CHEMISTRY COMPUTERS DYNAMICS ENGINRING ECONOMICS ETHICS FLUID MECHANICS MATHEMATICS MAT SCI/STR MATTER MECH OF MATERIALS STATICS THERMODYNAMICS	6 75 5 20 3 100 5 80 3 67 3 83 4 38 12 83 3 83 4 50 6 58 6 67	64 40 78 63 56 67 38 69 44 50 36	1.2 1.5 0.8 0.8 1.2 0.9 0.5 2.8 1.0 0.6 1.5	42 50 50 60 17 83 50 54 33 38 25 33		

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY

Name of Institution: Paducah-UK Extended Campus

Board Code: 71

Institution Code: 60

Major: MECHANICAL			nination Se		NERAL	
	This	State	Nat'l			
	Institution	n		Compa	rator Group	pings
No. Examinees Taking	3	12	1287	651	274	198
No. Examinees Passin	g 2	9	1084	575	216	160
% Examinees Passing	67%	75%	84%	88%	79%	81%
				Carnegie	Carnegie	Carnegie
	This				Rsrch/Doc	Masters
	Institution	n Nat'l	Nat'l	Extensive	Intensive	Comp.
Num:	ber Average	Average	Standard	Average	Average	Average
of :	Exam Percent	Percent	Deviation	Percent	Percent	Percent
Ques	tions Correct	Correct		Correct	Correct	Correct
7						
AM Subject (1 point	each)					
CHEMISTRY	11 64	60	2.1	61	58	58
COMPUTERS	199 <u>0</u>	58	1.6	62	52	55
DYNAMICS	7 43 9 81	71	1.7	74	67	55 69
ELECTRICAL CIRCUITS	12 61	58	2.1	60	54	55
ENGINEERING ECON	5 73	67	1.2	69	64	55 66
ETHICS	5 60	66	1.1	66	64	68
FLUID MECHANICS	8 42	57	1.7	59	54	54
MAT SCI/STR MATTER	8 67	66	1.5	68	63	64
MATHEMATICS	24 65	65	3.8	67	63	64
MECH OF MATERIALS	8 63	65	1.5	65	65	64
STATICS	12 64	63	2.2	66	60	61
THERMODYNAMICS	11 48	62	2.3	64	61	59
111111111111111111111111111111111111111	10	02	2.5	01	01	32
PM Subject (2 point	s each)					
ELECTRICAL CIRCUITS	6 50	50	1.4	50	47	51
CHEMISTRY	5 27	36	1.0	36	36	34
COMPUTERS	3 56	66	0.9	69	61	59
DYNAMICS	5 47	40	1.3	41	40	36
ENGINRING ECONOMICS	3 56	58	0.9	59	53	60
ETHICS	3 89	70	0.8	70	70	68
FLUID MECHANICS	4 42	47	1.1	47	46	48
MATHEMATICS	12 67	64	2.2	65	62	61
MAT SCI/STR MATTER	3 56	59	0.9	60	58	56
MECH OF MATERIALS	4 25	40	1.0	41	40	40
STATICS	6 72	64	1.4	66	63	61
THERMODYNAMICS	6 39	47	1.4	50	46	46

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

ABET-Accredited Engineering Program Examinees Currently Enrolled in School

Board: KENTUCKY Board Code: 71

Name of Institution: Paducah-UK Extended Campus

Institution Code: 60

Major: MECHANICAL		PM Exam	ination Se	lected: ME	CHANICAL	
No. Examinees Taking No. Examinees Passing % Examinees Passing	This Institution 1 1 1	State 10 9 90%	Nat'1 499 435 87%	Compar 289 253 88%	rator Group 94 82 87%	pings 45 37 82%
	Exam Percent tions Correct	Nat'l Average Percent Correct	Nat'1 Standard Deviation	Extensive Average	Carnegie Rsrch/Doc Intensive Average Percent Correct	Carnegie Masters Comp. Average Percent Correct
CHEMISTRY COMPUTERS DYNAMICS ELECTRICAL CIRCUITS ENGINEERING ECON ETHICS FLUID MECHANICS MAT SCI/STR MATTER MATHEMATICS MECH OF MATERIALS STATICS THERMODYNAMICS PM Subject (2 points)	11 55 7 71 9 89 12 83 5 40 5 40 8 38 8 63 24 63 8 75 12 75 11 64	60 60 71 58 65 66 59 64 65 64 62	2.0 1.6 1.8 2.1 1.2 1.1 1.6 1.5 3.9 1.5 2.2 2.3	62 58 72 59 64 66 69 65 66 64 62	60 61 69 55 66 57 68 63 62 64 63	60 63 66 56 68 64 57 66 63 64
AUTOMATIC CONTROLS COMPUTER MECHANICAL DESIGN DYNAMIC SYSTEMS ENERGY CONVERSION FLUID MECHANICS FANS/PUMPS & COMPR HEAT TRANSFER MEASUREMENT & INSTRU MATL BEHAV & PROCESS REFRIGERATION & HVAC STRESS ANALYSIS THERMODYNAMICS	3 33 3 67 6 100 6 83 3 100 6 83 3 33 6 67 3 33 3 0 6 83 6 67 3 33 6 83 6 67	50 43 65 43 50 49 19 57 61 34 37	1.0 0.9 1.4 1.4 1.0 1.1 0.7 1.3 1.3 0.9 0.9 1.4	49 44 66 45 48 48 18 56 61 52 35 37 61	54 42 61 40 50 51 17 60 63 51 33 35 62	46 38 61 40 48 48 18 54 63 53 34 32 60