# 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

Nation   N
No. Examinees Taking
No. Examinees Taking
No. Examinees Taking
No. Examinees Passing
*Examinees Passing 100% 100% 88% 88% 83% 100%  **This Institution Number of Exam Percent Questions Correct Cor
This
This
This   Nat'l   Nat'l   Nat'l   Standard   Average of Exam   Percent   Correct   Corr
This   Nat'l   Nat'l   Nat'l   Standard   Average of Exam   Percent   Correct   Corr
This   Number   Nat'l   Nat'l   Standard   Average   Of Exam   Percent   Correct   C
Number   Average of Exam Questions   Average of Exam Questions   Average Percent Correct   Standard Percent Correct   Average Percent Correct      CHEMISTRY
Number of Exam Questions
of Exam Questions         Percent Correct         Percent Correct         Percent Correct         Percent Correct         Percent Correct           AM Subject (1 point each)         CHEMISTRY         11         68         76         1.7         77         72         68           COMPUTERS         7         82         57         1.6         57         52         43           DYNAMICS         9         50         60         1.9         59         66         67           ELECTRICAL CIRCUITS         12         63         50         2.4         50         53         50           ENGINEERING ECON         5         50         57         1.1         55         68         70           ETHICS         5         80         76         0.8         75         80         80           FLUID MECHANICS         8         56         56         1.4         57         44         56           MAT SCI/STR MATTER         8         53         49         1.4         48         41         69           MECH OF MATERIALS         8         59         54         1.6         55         45         56           STATICS         12         65 </td
Questions Correct Correct  AM Subject (1 point each)  CHEMISTRY 11 68 76 1.7 77 72 68  COMPUTERS 7 82 57 1.6 57 52 43  DYNAMICS 9 50 60 1.9 59 66 67  ELECTRICAL CIRCUITS 12 63 50 2.4 50 53 50  ENGINEERING ECON 5 50 57 1.1 55 68 70  ETHICS 5 80 76 0.8 75 80 80  FLUID MECHANICS 8 56 56 1.4 57 44 56  MAT SCI/STR MATTER 8 53 49 1.4 48 41 69  MATHEMATICS 24 61 59 3.6 59 52 65  MECH OF MATERIALS 8 59 54 1.6 55 45 56  STATICS 12 65 51 2.1 51 45 46  THERMODYNAMICS 11 64 55 2.1 54 61 23  PM Subject (2 points each)  ELECTRICAL CIRCUITS 6 46 43 1.6 43 33 75  CHEMISTRY 5 55 53 0.9 54 43 50
AM Subject (1 point each)  CHEMISTRY 11 68 76 1.7 77 72 68  COMPUTERS 7 82 57 1.6 57 52 43  DYNAMICS 9 50 60 1.9 59 66 67  ELECTRICAL CIRCUITS 12 63 50 2.4 50 53 50  ENGINEERING ECON 5 50 57 1.1 55 68 70  ETHICS 5 80 76 0.8 75 80 80  FLUID MECHANICS 8 56 56 1.4 57 44 56  MAT SCI/STR MATTER 8 53 49 1.4 48 41 69  MATHEMATICS 24 61 59 3.6 59 52 65  MECH OF MATERIALS 8 59 54 1.6 55 45 56  STATICS 12 65 51 2.1 51 45 46  THERMODYNAMICS 11 64 55 2.1 54 61 23  PM Subject (2 points each)  ELECTRICAL CIRCUITS 6 46 43 1.6 43 33 75  CHEMISTRY 5 55 53 0.9 54 43 50
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STATICS     12     65     51     2.1     51     45     46       THERMODYNAMICS     11     64     55     2.1     54     61     23       PM Subject (2 points each)       ELECTRICAL CIRCUITS     6     46     43     1.6     43     33     75       CHEMISTRY     5     55     53     0.9     54     43     50
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CHEMISTRY 5 55 53 0.9 54 43 50
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ENGINRING ECONOMICS 3 33 52 0.8 51 53 100
ETHICS 3 67 66 0.7 65 75 83
FLUID MECHANICS 4 44 48 1.1 49 29 63
MATHEMATICS 12 40 47 1.8 48 45 50
MECH OF MATERIALS 4 13 25 0.9 24 23 13
STATICS 6 54 53 1.2 52 53 83
THERMODYNAMICS 6 50 41 1.1 41 40 50

# 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

No. Examinees Taking No. Examinees Passing 27 51 1980 1170 331 222   \$ Examinees Passing 27 51 1980 1170 331 222   \$ Examinees Passing 87% 84% 78% 81% 80% 69%      Thistitution Nat'1 Number of Exam Questions Correct Correct   Nat'1 Standard Questions Correct   Nat'1 Standard Questions Correct   Nat'1 Standard Questions Correct   Nat'1 Standard Questions   Nat'	Major: CIVIL		PM Exam	ination Se	lected: CI	VIL	
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Questions Correct Correct Correct Correct Correct AM Subject (1 point each)  CHEMISTRY 11 71 71 1.8 72 71 69  COMPUTERS 7 59 53 1.5 55 52 51  DYNAMICS 9 57 59 1.8 60 58 54  ELECTRICAL CIRCUITS 12 32 38 2.5 38 38 36  ENGINEERING ECON 5 59 59 1.3 60 57 54  ETHICS 5 81 75 0.9 75 75 73  FLUID MECHANICS 8 56 51 1.7 53 51 46  MAT SCI/STR MATTER 8 45 49 1.5 51 50 46  MATHEMATICS 24 60 59 4.1 60 59 55  MECH OF MATERIALS 8 50 54 1.7 56 53 52  STATICS 12 59 55 2.3 56 54 52  STATICS 12 59 55 2.3 56 54 52  THERMODYNAMICS 11 46 42 1.8 42 46 40  PM Subject (2 points each)  CONSTRUCTION MGMNT 3 67 44 0.8 45 44 37  COMP & NUM METHODS 6 42 43 1.4 45 43 40  ENVIRONMENTAL ENGR 6 68 67 1.3 69 67 62  HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56  LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66  STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48  STRUCTURAL DESIGN 6 39 43 1.2 44 44 44 33  SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 48 44  TRANS FACILITIES 6 49 43 1.3 44 42 39		19.34419				기계상시하면 살 보지 않았다	
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THERMODYNAMICS 11 46 42 1.8 42 46 40  PM Subject (2 points each)  CONSTRUCTION MGMNT 3 67 44 0.8 45 44 37 COMP & NUM METHODS 6 42 43 1.4 45 43 40 ENVIRONMENTAL ENGR 6 68 67 1.3 69 67 62 HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56 LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66 STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48 STRUCTURAL DESIGN 6 39 43 1.2 44 44 43 SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44 SURVEYING 6 52 47 1.5 49 46 44 TRANS FACILITIES 6 49 43 1.3 44 42 39							
PM Subject (2 points each)  CONSTRUCTION MGMNT 3 67 44 0.8 45 44 37 COMP & NUM METHODS 6 42 43 1.4 45 43 40 ENVIRONMENTAL ENGR 6 68 67 1.3 69 67 62 HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56 LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66 STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48 STRUCTURAL DESIGN 6 39 43 1.2 44 44 43 SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44 SURVEYING 6 52 47 1.5 49 46 44 TRANS FACILITIES 6 49 43 1.3 44 42 39							
CONSTRUCTION MGMNT 3 67 44 0.8 45 44 37  COMP & NUM METHODS 6 42 43 1.4 45 43 40  ENVIRONMENTAL ENGR 6 68 67 1.3 69 67 62  HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56  LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66  STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48  STRUCTURAL DESIGN 6 39 43 1.2 44 44 43  SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44  SURVEYING 6 52 47 1.5 49 46 44  TRANS FACILITIES 6 49 43 1.3 44 42 39	THERMODYNAMICS	11 46	42	1.8	42	46	40
COMP & NUM METHODS 6 42 43 1.4 45 43 40 ENVIRONMENTAL ENGR 6 68 67 1.3 69 67 62 HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56 LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66 STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48 STRUCTURAL DESIGN 6 39 43 1.2 44 44 43 SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44 SURVEYING 6 52 47 1.5 49 46 44 TRANS FACILITIES 6 49 43 1.3 44 42 39	PM Subject (2 points	each)					
COMP & NUM METHODS 6 42 43 1.4 45 43 40 ENVIRONMENTAL ENGR 6 68 67 1.3 69 67 62 HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56 LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66 STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48 STRUCTURAL DESIGN 6 39 43 1.2 44 44 43 SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44 SURVEYING 6 52 47 1.5 49 46 44 TRANS FACILITIES 6 49 43 1.3 44 42 39	CONSTRUCTION MGMNT	3 67	44	0.8	45	44	37
ENVIRONMENTAL ENGR 6 68 67 1.3 69 67 62 HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56 LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66 STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48 STRUCTURAL DESIGN 6 39 43 1.2 44 44 44 SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44 SURVEYING 6 52 47 1.5 49 46 44 TRANS FACILITIES 6 49 43 1.3 44 42 39			43	1.4		43	40
HYDRAUL/HYDROLOG SYS 6 52 59 1.3 60 62 56  LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66  STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48  STRUCTURAL DESIGN 6 39 43 1.2 44 44 43  SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44  SURVEYING 6 52 47 1.5 49 46 44  TRANS FACILITIES 6 49 43 1.3 44 42 39	가게 되어 가게 되었다. 그리아 그리아 가게 되었다면 가게 되었다. 그래의 기가 있다.			100 TO 10		1.75.573	2000
LEGAL & PROF ASPECTS 3 78 70 0.8 71 71 66 STRUCTURAL ANALYSIS 6 46 47 1.3 48 47 48 STRUCTURAL DESIGN 6 39 43 1.2 44 44 43 SOIL MECH & FOUNDAT 6 47 47 1.2 48 48 44 SURVEYING 6 52 47 1.5 49 46 44 TRANS FACILITIES 6 49 43 1.3 44 42 39							
STRUCTURAL ANALYSIS       6       46       47       1.3       48       47       48         STRUCTURAL DESIGN       6       39       43       1.2       44       44       43         SOIL MECH & FOUNDAT       6       47       47       1.2       48       48       44         SURVEYING       6       52       47       1.5       49       46       44         TRANS FACILITIES       6       49       43       1.3       44       42       39							
STRUCTURAL DESIGN       6       39       43       1.2       44       44       43         SOIL MECH & FOUNDAT       6       47       47       1.2       48       48       44         SURVEYING       6       52       47       1.5       49       46       44         TRANS FACILITIES       6       49       43       1.3       44       42       39			A				
SOIL MECH & FOUNDAT     6     47     47     1.2     48     48     44       SURVEYING     6     52     47     1.5     49     46     44       TRANS FACILITIES     6     49     43     1.3     44     42     39						\$2.77 p. 17.5	
SURVEYING     6     52     47     1.5     49     46     44       TRANS FACILITIES     6     49     43     1.3     44     42     39				F1074F2			
TRANS FACILITIES 6 49 43 1.3 44 42 39			0.00		1,500,000		
WATER FUR & TREAT 0 46 52 1.5 52 55 49							
	WAIER PUR & TREAT	b 48	54	1.5	52	55	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

Board Code: 71

Institution Code: 10

Major: CIVIL				ination Se		NERAL	
		This	State	Nat'l			
	In	stitution			Compa	rator Group	pings
No. Examinees Taking	1	6	6	1479	692	153	378
No. Examinees Passir	ıq	3	3	1139	586	96	249
% Examinees Passing	70 <b>-2</b> 0	50%	50%	77%	85%	63%	66%
					Carnegie	Carnegie	Carnegie
		This				Rsrch/Doc	Masters
	In	stitution	Nat'l	Nat'l	Carried and a second of the second	Intensive	Comp.
Niin	nber		Average	Standard	Average	Average	Average
	Exam	Percent	Percent	Deviation	Protein County of the County o	Percent	Percent
	stions		Correct	Devideion	Correct	Correct	Correct
gues	CIONS	COLLECT	COLLECT		COLLECT	COLLECT	COLLECT
AM Subject (1 point	each)						
CHEMISTRY	11	68	72	1.9	75	67	68
COMPUTERS	_	71	54	1.5	59	45	49
DYNAMICS	9	50	62	1.8	66	59	58
ELECTRICAL CIRCUITS	12	24	42	2.6	43	39	41
ENGINEERING ECON	5	53	59	1.3	62	50	55
ETHICS					200		
	5	73	74	0.9	76	73	72
FLUID MECHANICS	8	50	51	1.7	54	48	47
MAT SCI/STR MATTER	8	46	52	1.6	55	48	47
MATHEMATICS	24	56	64	4.1	67	56	60
MECH OF MATERIALS	8	56	57	1.7	60	51	52
STATICS	12	47	56	2.2	60	51	54
THERMODYNAMICS	11	36	45	1.9	46	44	43
PM Subject (2 point	s each	)					
ELECTRICAL CIRCUITS	6	31	37	1.3	39	37	35
CHEMISTRY	5	50	50	0.9	51	49	48
COMPUTERS	3	89	76	0.9	80	69	69
DYNAMICS	5	37	37	1.1	38	32	35
ENGINEING ECONOMICS	3	22	54	0.9	56	48	52
ETHICS	3	78	65	0.8	66	64	64
FLUID MECHANICS	4	50	42	1.0	44	41	38
MATHEMATICS	12	39	47	2.3	51	44	41
						25/07/	(50,000)
MAT SCI/STR MATTER	3	72	62	0.8	65	54	59
MECH OF MATERIALS	4	21	25	0.9	24	22	25
STATICS	6	47	51	1.2	53	49	49
THERMODYNAMICS	6	28	40	1.2	42	37	37

# 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

This   State   Nat'1   Comparator Groupings	Board Code: 71 Institution Code: 10 Major: ELECTRICAL PM Examination Selected: ELECTRICAL						
No. Examinees Taking		Thi	s State	Nat'l			
No. Examinees Taking No. Examinees Passing Nation Nat		Institut			Compa	rator Group	pings
No. Examinees Passing	No. Examinees Taking		1 5	1239	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	5.50-5.00 mm	테니 기구하면 하다이
* Examinees Passing 100% 80% 84% 84% 89% 74%				1041	467	173	184
This	그렇게 집에 이렇게 드리면 이렇게 하게 되었다. 이렇게 하지 않아 없는 그리고 없다면 하다 없다고 있다.		80%	84%			74%
This						17M2045.5.5	
This							
This					Carnegie	Carnegie	Carnegie
Number of Exam Questions		This	3		Rsrch/Doc	Rsrch/Doc	Masters
Number of Exam Questions         Average Percent Correct         Average Percent Correct         Standard Deviation Deviation Correct         Average Percent Correct				Nat'l	A STATE OF THE PARTY OF THE PAR		Comp.
Questions         Correct	Numb	er Avera	age Average	Standard	Average	Average	
Questions         Correct	of E	xam Perce	ent Percent	Deviation	Percent	Percent	Percent
CHEMISTRY 11 100 71 2.0 71 75 67  COMPUTERS 7 100 71 1.4 71 72 69  DYNAMICS 9 78 60 1.9 60 58 57  ELECTRICAL CIRCUITS 12 92 71 2.2 72 73 69  ENGINEERING ECON 5 80 59 1.2 58 62 55  ETHICS 5 60 76 1.0 77 76 74  FLUID MECHANICS 8 38 39 1.6 39 39 35  MAT SCI/STR MATTER 8 38 44 1.6 44 44 43  MATHEMATICS 24 88 69 4.0 69 71 66  MECH OF MATERIALS 8 38 40 1.4 40 42 38  STATICS 12 67 43 2.3 43 43	Quest	ions Corre	ect Correct		Correct	Correct	
CHEMISTRY 11 100 71 2.0 71 75 67  COMPUTERS 7 100 71 1.4 71 72 69  DYNAMICS 9 78 60 1.9 60 58 57  ELECTRICAL CIRCUITS 12 92 71 2.2 72 73 69  ENGINEERING ECON 5 80 59 1.2 58 62 55  ETHICS 5 60 76 1.0 77 76 74  FLUID MECHANICS 8 38 39 1.6 39 39 35  MAT SCI/STR MATTER 8 38 44 1.6 44 44 43  MATHEMATICS 24 88 69 4.0 69 71 66  MECH OF MATERIALS 8 38 40 1.4 40 42 38  STATICS 12 67 43 2.3 43 43	300						
COMPUTERS       7       100       71       1.4       71       72       69         DYNAMICS       9       78       60       1.9       60       58       57         ELECTRICAL CIRCUITS       12       92       71       2.2       72       73       69         ENGINEERING ECON       5       80       59       1.2       58       62       55         ETHICS       5       60       76       1.0       77       76       74         FLUID MECHANICS       8       38       39       1.6       39       39       35         MAT SCI/STR MATTER       8       38       44       1.6       44       44       43         MATHEMATICS       24       88       69       4.0       69       71       66         MECH OF MATERIALS       8       38       40       1.4       40       42       38         STATICS       12       67       43       2.3       43       43       40	AM Subject (1 point	each)					
COMPUTERS       7       100       71       1.4       71       72       69         DYNAMICS       9       78       60       1.9       60       58       57         ELECTRICAL CIRCUITS       12       92       71       2.2       72       73       69         ENGINEERING ECON       5       80       59       1.2       58       62       55         ETHICS       5       60       76       1.0       77       76       74         FLUID MECHANICS       8       38       39       1.6       39       39       35         MAT SCI/STR MATTER       8       38       44       1.6       44       44       43         MATHEMATICS       24       88       69       4.0       69       71       66         MECH OF MATERIALS       8       38       40       1.4       40       42       38         STATICS       12       67       43       2.3       43       43       40	CHEMISTRY	11 100	71	2.0	71	75	67
DYNAMICS       9       78       60       1.9       60       58       57         ELECTRICAL CIRCUITS       12       92       71       2.2       72       73       69         ENGINEERING ECON       5       80       59       1.2       58       62       55         ETHICS       5       60       76       1.0       77       76       74         FLUID MECHANICS       8       38       39       1.6       39       39       35         MAT SCI/STR MATTER       8       38       44       1.6       44       44       43         MATHEMATICS       24       88       69       4.0       69       71       66         MECH OF MATERIALS       8       38       40       1.4       40       42       38         STATICS       12       67       43       2.3       43       43       40			N 50.55				- 7
ELECTRICAL CIRCUITS 12 92 71 2.2 72 73 69 ENGINEERING ECON 5 80 59 1.2 58 62 55 ETHICS 5 60 76 1.0 77 76 74 FLUID MECHANICS 8 38 39 1.6 39 39 35 MAT SCI/STR MATTER 8 38 44 1.6 44 44 43 MATHEMATICS 24 88 69 4.0 69 71 66 MECH OF MATERIALS 8 38 40 1.4 40 42 38 STATICS 12 67 43 2.3 43 43							
ENGINEERING ECON 5 80 59 1.2 58 62 55 ETHICS 5 60 76 1.0 77 76 74 FLUID MECHANICS 8 38 39 1.6 39 39 35 MAT SCI/STR MATTER 8 38 44 1.6 44 44 43 MATHEMATICS 24 88 69 4.0 69 71 66 MECH OF MATERIALS 8 38 40 1.4 40 42 38 STATICS 12 67 43 2.3 43 43 40				100 miles			
ETHICS 5 60 76 1.0 77 76 74 FLUID MECHANICS 8 38 39 1.6 39 39 35 MAT SCI/STR MATTER 8 38 44 1.6 44 44 43 MATHEMATICS 24 88 69 4.0 69 71 66 MECH OF MATERIALS 8 38 40 1.4 40 42 38 STATICS 12 67 43 2.3 43 43 40							\$100 miles
FLUID MECHANICS       8       38       39       1.6       39       39       35         MAT SCI/STR MATTER       8       38       44       1.6       44       44       43         MATHEMATICS       24       88       69       4.0       69       71       66         MECH OF MATERIALS       8       38       40       1.4       40       42       38         STATICS       12       67       43       2.3       43       43       40						10 TO 10	
MAT SCI/STR MATTER 8 38 44 1.6 44 44 43 MATHEMATICS 24 88 69 4.0 69 71 66 MECH OF MATERIALS 8 38 40 1.4 40 42 38 STATICS 12 67 43 2.3 43 43 40				F3 (4) (5)		10.75	
MATHEMATICS     24     88     69     4.0     69     71     66       MECH OF MATERIALS     8     38     40     1.4     40     42     38       STATICS     12     67     43     2.3     43     43     40							
STATICS 12 67 43 2.3 43 43 40							
STATICS 12 67 43 2.3 43 43 40	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		76		1.00		( Table 1997)
					53976		17-97-74 A
THERMODINAMICS II /3 43 2.0 43 45 42	THERMODYNAMICS	11 7:		2.0	43	45	42
PM Subject (2 points each)	PM Subject (2 points	each)					
ANALOG ELEC CIRCUITS 6 50 38 1.3 39 37 37	ANALOG ELEC CIRCUITS	6 50	38	1.3	39	37	37
CONT SYS THEORY ANAL 6 100 57 1.2 56 59 54		6 100		1.2	56	59	54
COMP HARDWR ENGINENG 3 100 54 0.9 55 53 50	COMP HARDWR ENGINENG	3 100	54	0.9	55	53	50
COMP & NUM METHODS 3 67 35 0.9 35 33 35		3 6'					
COMP SOFTWR ENGINENG 3 100 62 0.8 63 61 57	COMP SOFTWR ENGINENG	3 100		0.8	63	61	57
COMM THEORY 6 50 35 1.1 36 34 33	COMM THEORY			1.1	36	34	
DIGITAL SYSTEMS 6 100 63 1.4 63 62 61	DIGITAL SYSTEMS			1.4	63	62	61
ELECTRO THEORY & APP 6 67 50 1.1 51 47 49	ELECTRO THEORY & APP		7 50	1.1	51	47	49
INSTRUMENTATION 3 33 42 0.9 40 44 40							
NETWORK ANALYSIS 6 67 40 1.4 39 41 38	NETWORK ANALYSIS		7 40	1.4	39	41	38
POWER SYSTEMS 3 100 35 0.8 34 38 35							
SIGNAL PROCESSING 3 33 32 0.9 31 35 31							
SOLID ST ELEC & DEV 6 83 50 1.4 51 50 47	SOLID ST ELEC & DEV		3 50		51	50	47

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

### ABET-Accredited Engineering Program Examinees Currently Enrolled in School

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

Roard Code: 71

Board Code: 71 Major: ELECTRICAL			Institution Code: 10 PM Examination Selected: GENERAL				
		This	State	Nat'l			
	In	stitution			Compa	rator Group	pings
No. Examinees Taking		4	4	445	142	55	137
No. Examinees Passing	9	2	2	342	125	35	92
% Examinees Passing	-	50%	50%	77%	88%	64%	67%
		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	each)						
CHEMISTRY	11	66	70	1.9	72	67	67
COMPUTERS	7	50	67	1.5	66	63	63
DYNAMICS	9	44	59	1.8	60	54	58
ELECTRICAL CIRCUITS	12	65	68	2.2	70	67	66
ENGINEERING ECON	5	35	56	1.3	57	50	57
ETHICS	5	55	74	1.0	75	78	69
FLUID MECHANICS	8	22	37	1.5	39	36	34
MAT SCI/STR MATTER	8	38	42	1.5	42	35	39
MATHEMATICS	24	51	67	3.9	71	64	63
MECH OF MATERIALS	8	25	41	1.5	41	40	37
STATICS	12	44	42	2.2	43	39	40
THERMODYNAMICS	11	39	42	1.9	44	40	42
PM Subject (2 points	s each	.)					
ELECTRICAL CIRCUITS	6	29	57	1.7	61	52	55
CHEMISTRY	5	45	49	0.9	50	51	49
COMPUTERS	3	58	73	0.9	77	71	63
DYNAMICS	5	45	34	1.0	36	23	34
ENGINRING ECONOMICS	3	25	52	0.9	52	52	52
ETHICS	3	58	65	0.8	66	61	65
FLUID MECHANICS	4	31	31	0.9	31	23	30
MATHEMATICS	12	38	51	2.2	55	49	44
MAT SCI/STR MATTER	3	58	54	0.8	61	44	46
MECH OF MATERIALS	4	31	22	0.8	21	20	24
STATICS	6	42	43	1.2	46	43	37
THERMODYNAMICS	6	29	35	1.2	36	31	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: University of Kentucky

Major: ENVIRONMENTAL PM Examination Selected: GENERAL						
	This	State	Nat'l			
	Institution	l l		Compa	rator Group	pings
No. Examinees Taking	1	1	101	52	7	23
No. Examinees Passing	1	1	78	45	4	14
% Examinees Passing	100%	100%	77%	87%	57%	61%
				Carnegie	Carnegie	Carnegie
	This				Rsrch/Doc	Masters
	Institution	Nat'l	Nat'l	7.000	Intensive	
Younk						Comp.
Numb		Average	Standard	Average	Average	Average
of E		Percent	Deviation		Percent	Percent
Quest	ions Correct	Correct		Correct	Correct	Correct
AM Subject (1 point	each)					
CHEMISTRY	11 . 27	81	1.6	83	83	77
COMPUTERS	7 29	56	1.3	55	59	52
DYNAMICS	9 22	58	1.9	64	51	51
ELECTRICAL CIRCUITS	12 50	43	2.8	45	29	45
ENGINEERING ECON	5 80	59	1.2	59	60	55
ETHICS				79	77	
FLUID MECHANICS	5 80	75	1.0		2550	63
	8 50	53	1.7	59	54	40
MAT SCI/STR MATTER	8 38	49	1.4	53	45	42
MATHEMATICS	24 79	62	4.4	67	58	59
MECH OF MATERIALS	8 38	44	1.5	46	39	44
STATICS	12 25	46	2.3	51	45	40
THERMODYNAMICS	11 27	51	2.2	55	45	50
PM Subject (2 points	each)					
ELECTRICAL CIRCUITS	6 0	37	1.3	42	33	30
CHEMISTRY	5 40	52	1.0	50	43	53
COMPUTERS	3 67	80	0.8	85	71	75
DYNAMICS	5 0	32	1.1	33	31	32
ENGINEING ECONOMICS	3 67	52	0.8	51	48	49
ETHICS	3 33	64	0.9	65		
					67	61
FLUID MECHANICS	4 50	46	1.0	50	43	37
MATHEMATICS	12 33	48	2.3	50	43	45
MAT SCI/STR MATTER	3 67	55	0.9	56	57	57
MECH OF MATERIALS	4 25	26	0.8	24	21	28
STATICS	6 83	47	1.3	49	29	45
THERMODYNAMICS	6 67	41	1.3	41	43	38

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: MECHANICAL PM Examination Selected: GENERAL						
No. Examinees Taking No. Examinees Passing % Examinees Passing	This Institution 23 19 83%	State 35 30 86%	Nat'1 2766 2427 88%	Compa 1334 1206 90%	rator Group 381 314 82%	pings 473 397 84%
Numbe of E: Quest: AM Subject (1 point e	xam Percent ions 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 73 7 64 9 73 12 69 5 53 5 77 8 55 8 56 24 77 8 68 12 62 11 62	73 61 69 54 58 75 53 59 67 58 55	1.8 1.5 1.7 2.4 1.2 0.9 1.6 1.6 3.9 1.7 2.3 2.1	74 64 71 56 59 75 54 60 69 60 56	71 57 67 50 58 75 50 58 64 56 53	69 57 67 53 54 73 51 56 64 55 53
PM Subject (2 points  ELECTRICAL CIRCUITS CHEMISTRY COMPUTERS DYNAMICS ENGINRING ECONOMICS ETHICS FLUID MECHANICS MATHEMATICS MAT SCI/STR MATTER MECH OF MATERIALS STATICS THERMODYNAMICS	each)  6 58 5 53 3 81 5 43 3 42 3 65 4 47 12 64 3 67 4 32 6 59 6 44	45 51 81 41 51 66 49 51 68 27 55 46	1.6 1.0 0.8 1.2 0.8 0.7 1.1 2.2 0.8 0.9 1.2	47 51 84 42 53 66 51 53 70 27 56 47	40 50 77 40 51 66 48 49 68 25 55 44	42 50 77 40 49 65 49 48 65 27 55 45

# 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			itution Code: 10 xamination Selected: MECHANICAL				
		This	State	Nat'l			
	In	stitution			Compa	rator Group	pings
No. Examinees Taking		13	20	1054	564	174	107
No. Examinees Passin	a	12	19	944	508	159	93
% Examinees Passing	-	92%	95%	90%	90%	91%	87%
o maminos rassing					5.5.5		
					Carnegie	Carnegie	Carnegie
		This			State and the same beat free from from	Rsrch/Doc	Masters
	Tn	stitution	Nat'l	Nat'l	Mary and the first of the control of	Intensive	
V							Comp.
Num	55457.477.V	Average	Average	Standard	Average	Average	Average
	Exam	Percent	Percent	Deviation	Percent	Percent	Percent
Ques	tions	Correct	Correct		Correct	Correct	Correct
AM Subject (1 point	each)						
CHEMISTRY	11	71	72	1.8	73	72	72
COMPUTERS	7	55	62	1.5	63	61	64
DYNAMICS	9	70	69	1.7	70	69	69
ELECTRICAL CIRCUITS	12	66	55	2.4	56	52	57
ENGINEERING ECON	5	65	60	1.2	60	59	57
ETHICS	5	82	75	1.0	75	72	75
FLUID MECHANICS	8	46	54	1.7	54	53	55
	8	57			61	58	60
MAT SCI/STR MATTER		1 To	60	1.5		100	
MATHEMATICS	24	71	66	3.9	67	65 50	63
MECH OF MATERIALS	8	70	59	1.7	59	59	59
STATICS	12	62	56	2.3	55	56	58
THERMODYNAMICS	11	57	61	2.1	61	60	64
PM Subject (2 point	s each	1)					
AUTOMATIC CONTROLS	3	44	48	1.0	48	48	48
COMPUTER	3	56	53	0.9	53	52	56
MECHANICAL DESIGN	6	47	44	1.2	44	43	44
DYNAMIC SYSTEMS	6	60	57	1.5	57	56	57
ENERGY CONVERSION	3	62	58	0.8	59	57	60
FLUID MECHANICS	6	73	63	1.2	64	61	65
FANS/PUMPS & COMPR	3	33	45	0.8	46	41	48
'(기술 경영) 경영 경영 경영 경영 공항 (1) 보고 있는 (1) 보고 있었다 를 하게 되는 시간에 가지 않는 시간에 보고 있다.				1.3	58	51	58
HEAT TRANSFER	6 6	56	56				51
MEASUREMENT & INSTRU		47	45	1.5	46	42	12-7-7-1
MATL BEHAV & PROCESS		33	37	0.7	38	35	38
REFRIGERATION & HVAC	- S-25	49	46	0.8	46	42	47
STRESS ANALYSIS	6	60	56	1.3	56	56	51
THERMODYNAMICS	6	49	49	1.5	50	44	54

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

Major: CHEMICAL		PM Exam	nination Se	lected: CH	EMICAL	
	This	State	Nat'l			
	Institution	1		Compa	rator Group	pings
No. Examinees Taking	1	1	622	368	119	42
No. Examinees Passing		ī	539	321	96	36
% Examinees Passing	100%	100%	87%	87%	81%	86%
				Carnegie	Carnegie	Carnegie
	This				Rsrch/Doc	Masters
	Institution	Nat'l	Nat'l		Intensive	
Numb		Average	Standard			Comp.
of F	경영하다			Average	Average	Average
		Percent	Deviation		Percent	Percent
Quest	cions Correct	Correct		Correct	Correct	Correct
AM Subject (1 point	each)					
CHEMISTRY	11 82	87	1.3	88	87	85
COMPUTERS	7 57	61	1.4	63	55	64
DYNAMICS	9 78	60	1.8	61	54	60
ELECTRICAL CIRCUITS	12 75	48	2.5	49	43	49
ENGINEERING ECON	5 60	66	1.2	65	68	56
ETHICS	5 60	77	0.9	76	81	78
FLUID MECHANICS	8 63	54	1.6	55	52	49
MAT SCI/STR MATTER	8 75					
		56	1.5	56	53	54
MATHEMATICS	24 54	66	4.0	67	62	64
MECH OF MATERIALS	8 63	41	1.5	41	41	46
STATICS	12 33	42	2.0	43	40	38
THERMODYNAMICS	11 82	64	2.1	66	61	61
PM Subject (2 points	each)					
COND & NAME ADMINISTRA	2 22					
COMP & NUM METHODS	3 33	72	0.8	73	69	73
CHEM REACTION ENGR	6 67	62	1.4	62	56	59
CHEM THERMODYNAMICS	6 50	49	1.3	50	49	43
PROCESS EQUIP DESIGN	3 33	56	0.8	57	52	55
HEAT TRANSFER	6 50	50	1.3	52	45	46
MAT/ENERGY BALANCES	9 56	53	1.9	55	46	47
MASS TRANSFER	6 50	57	1.2	58	53	51
PROCESS CONTROL	3 33	49	0.9	50	39	48
PROC DSGN/ECON EVAL	6 33	49	1.2	51	46	44
POLLUTION PREVENTION	3 67	62	0.9	63	61	56
PROCESS SAFETY	3 0	59	1.0	61	51	60
TRANSPORT PHENOMENA	6 17	45	1.6	46	39	43
	677-1 J.		V-99-67-61-7-4	011 <del>707</del> 0	Contraction (	

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

Major: CIVIL	Institution Code: 20 PM Examination Selected: CIVIL					
Major: CIVIL		PM Exam	nination se	Tectea: CI	VIL	
	This	State	Nat'l			
	Institution		1	Compa	rator Grou	pings
No. Examinees Taking	14	61	2530	1438	415	324
No. Examinees Passing		51	1980	1170	331	222
% Examinees Passing	86%	84%	78%	81%	80%	69%
-		5.5.5		0.20	000	050
				Carnegie	Carnegie	Carnegie
	This			Rsrch/Doc	Rsrch/Doc	Masters
	Institution	n Nat'l	Nat'l	Extensive	Intensive	Comp.
Numb	er Average	Average	Standard	Average	Average	Average
of E	Exam Percent	Percent	Deviation	Percent	Percent	Percent
Quest	cions Correct	Correct		Correct	Correct	Correct
Carlo						
AM Subject (1 point	each)					
CHEMICHDY	11 60	77.7	1.0	70		
CHEMISTRY	11 68 7 49	71 53	1.8 1.5	72	71	69
DYNAMICS	9 60	170,470	1.8	55	52	51
ELECTRICAL CIRCUITS	12 45	59 38	2.5	60 38	58 38	54 36
ENGINEERING ECON	5 60	59	1.3	60	57	54
ETHICS	5 76	75	0.9	75	75	73
FLUID MECHANICS	8 53	51	1.7	53	51	46
MAT SCI/STR MATTER	8 52	49	1.5	51	50	46
MATHEMATICS	24 56	59	4.1	60	59	55
MECH OF MATERIALS	8 53	54	1.7	56	53	52
STATICS	12 51	55	2.3	56	54	52
THERMODYNAMICS	11 42	42	1.8	42	46	40
PM Subject (2 points	each)					
CONSTRUCTION MGMNT	3 50	44	0.8	45	44	37
COMP & NUM METHODS	6 37	43	1.4	45	43	40
ENVIRONMENTAL ENGR	6 69	67	1.3	69	67	62
HYDRAUL/HYDROLOG SYS	6 64	59	1.3	60	62	56
LEGAL & PROF ASPECTS	3 69	70	0.8	71	71	66
STRUCTURAL ANALYSIS	6 52	47	1.3	48	47	48
STRUCTURAL DESIGN	6 42	43	1.2	44	44	43
SOIL MECH & FOUNDAT	6 62	47	1.2	48	48	44
SURVEYING	6 46	47	1.5	49	46	44
TRANS FACILITIES	6 39	43	1.3	44	42	39
WATER PUR & TREAT	6 56	52	1.5	52	55	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

Major: ELECTRICAL		PM Exam	ination Se	lected: EL	ECTRICAL	
	This	State	Nat'1			
	Institution			Compa	rator Grou	pings
No. Examinees Taking	3	5	1239	559	194	248
No. Examinees Passing	2	4	1041	467	173	184
% Examinees Passing	67%	80%	84%	84%	89%	74%
				Carnegie	Carnegie	Carnegie
	This				Rsrch/Doc	Masters
	Institution	Nat'l	Nat'l		Intensive	
Numbe		Average	Standard	Average		Comp.
of Ex		Percent	Deviation		Average	Average
Questi		Correct	Deviacion		Percent	Percent
Quest.	tons correct	Correct		Correct	Correct	Correct
AM Subject (1 point e	each)					
CHEMISTRY	11 79	71	2.0	71	75	67
COMPUTERS	7 81	71	1.4	71	72	69
DYNAMICS	9 70	60	1.9	60	58	57
ELECTRICAL CIRCUITS	12 78	71	2.2	72	73	69
ENGINEERING ECON	5 93	59	1.2	58	62	55
ETHICS	5 67	76	1.0	77	76	74
FLUID MECHANICS	8 29	39	1.6	39	39	35
MAT SCI/STR MATTER	8 54	44	1.6	44	44	43
MATHEMATICS	24 63	69	4.0	69	71	66
MECH OF MATERIALS	8 50	40	1.4	40	42	38
STATICS	12 47	43	2.3	43	43	40
THERMODYNAMICS	11 45	43	2.0	43	45	42
PM Subject (2 points	each)					
ANALOG ELEC CIRCUITS	6 39	38	1.3	39	37	37
CONT SYS THEORY ANAL	6 61	57	1.2	56	59	54
COMP HARDWR ENGINENG	3 78	54	0.9	55	53	50
COMP & NUM METHODS	3 22	35	0.9	35	33	35
COMP SOFTWR ENGINENG	3 56	62	0.8	63	61	57
COMM THEORY	6 39	35	1.1	36	34	33
DIGITAL SYSTEMS	6 72	63	1.4	63	62	61
ELECTRO THEORY & APP	6 39	50	1.1	51	47	49
INSTRUMENTATION	3 33	42	0.9	40	44	40
NETWORK ANALYSIS	6 33	40	1.4	39	41	38
POWER SYSTEMS	3 22	35	0.8	34	38	35
SIGNAL PROCESSING	3 44	32			20000000	
SOLID ST ELEC & DEV	6 50		0.9	31	35	31
POPIN SI EPEC & DEA	50	50	1.4	51	50	47

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: INDUSTRIAL			mination Se		DUSTRIAL	
	Th	is State	Nat'l			
	Instit			Compa	rator Group	nas
No. Examinees Taking		1 1	351	196	60	64
No. Examinees Passing		0 0	244	138	41	45
% Examinees Passing		0% 0%	70%	70%	68%	70%
, maminess 1 assing		0.0	70.8	70-8	00%	70%
				Carnegie	Carnegie	Carnegie
	Th	is			Rsrch/Doc	Masters
	Instit	ution Nat'l	Nat'l		Intensive	Comp.
Numb		rage Average		Average	Average	Average
of E		cent Percent			Percent	Percent
Quest		rect Correct		Correct	Correct	Correct
AM Subject (1 point						
AM Subject (I point	each)					
CHEMISTRY	11	54 65	1.9	67	62	66
COMPUTERS	7	71 57	1.4	59	55	56
DYNAMICS		11 52	1.9	52	51	56
ELECTRICAL CIRCUITS		33 42	2.4	44	38	41
ENGINEERING ECON		40 65	1.3	64	70	66
ETHICS		00 75	0.9	76	75	75
FLUID MECHANICS		13 33	1.5	34	33	34
MAT SCI/STR MATTER		50 46	1.5	47	48	44
MATHEMATICS		50 56	4.2	57	55	55
MECH OF MATERIALS		25 39	1.5	39	40	39
STATICS		42 41	2.2	41	40	43
THERMODYNAMICS		45 40	1.9	41	37	42
PM Subject (2 points	each)					
INDUST COST ANALYSIS	3 :	33 70	0.8	69	69	73
COMPUT COMP & MODEL	3 10	00 75	0.8	77	74	74
ENGINRING ECONOMICS	3 :	33 35	0.8	37	32	34
INDUST ERGONOMICS	3	0 30	0.8	29	44	20
ENGINRNG STATISTICS	3 :	33 43	0.8	41	49	47
DESIGN OF INDUST EXP	3 :	33 26	0.8	29	33	18
FACILITY DSGN & LOC	3	0 59	0.8	60	59	60
INFO SYSTEMS DESIGN	3 :	33 53	0.9	55	49	49
INDUSTRIAL MNGMENT	3 :	33 52	0.9	53	51	52
MANUFACTRNG PROCESS		33 47	0.7	48	47	46
MANUFACTRNG SYS DSGN		33 43	0.8	45	41	46
MAT HAND SYS DESIGN		33 48	0.9	51	48	40
MATH OPTIM & MODELNG		33 57	0.9	58	56	54
PROD MEAS & MNGMENT		33 44	0.8	44	44	44
PROD PLAN & SCHED		33 58	0.9	59	59	53
STAT QUALITY CONTROL		57 42	0.9	41	45	43
TOTAL QUALITY MGMT	3	0 43	0.8	44	41	43
QUEUING THRY & MODEL		33 42	0.8	41	41	40
SIMULATION		33 60	0.7	60	58	61
WORK PERF & METHODS		33 32	0.9	32	32	35
	-	52	0.5	32	34	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: University of Louisville Board Code: 71 Institution Code: 20

Board Code: /I Institution Code:								
	Major: MATERIALS			PM Exam	ination Se	lected: CI	VIL	
			This	State	Nat'l			
		Tn	stitution		Nat'I	Compa	rator Craw	
	No. Examinees Taki		1	2	31	15	rator Grou	A COLUMN TO THE PROPERTY OF THE PARTY OF THE
	No. Examinees Pass		i	2	21	1000000	9 5	2
	% Examinees Passin		100%	100%		12	100	1
	· DAMILITEES PASSIT	19	100%	100%	68%	80%	56%	50%
						Gamma a i a	G	~
			This			Carnegie	Carnegie	Carnegie
		Tn	stitution	Wat 17	37-4-17		Rsrch/Doc	Masters
	N	umber	Average		Nat'l		Intensive	Comp.
	57	of Exam	Percent	Average	Standard	Average	Average	Average
		estions	Correct	Percent	Deviation	Percent	Percent	Percent
	Qu	escions	Correct	Correct		Correct	Correct	Correct
	AM Subject (1 poi	.nt each)						
	CHEMISTRY	11	. 82	68	1.9	67	68	55
	COMPUTERS	7	86	41	1.7	43	44	43
	DYNAMICS	9	56	54	2.0	61	49	50
	ELECTRICAL CIRCUIT		67	34	2.5	40	30	21
	ENGINEERING ECON	5	40	52	1.4	52	49	60
	ETHICS	5	60	71	1.1	65	76	70
	FLUID MECHANICS	8	50	48	1.5	50	47	63
	MAT SCI/STR MATTER		38	47	1.7	43	53	56
	MATHEMATICS	24	54	53	4.1	57	50	50
	MECH OF MATERIALS	8	63	48	1.6	50	54	31
	STATICS	12	42	47	2.3	49	49	42
	THERMODYNAMICS	11	55	39	1.5	39	42	45
			55	32	1.3	33	42	40
	PM Subject (2 poi	nts each	)					
	CONSTRUCTION MGMNT	3	67	33	0.7	27	48	17
	COMP & NUM METHODS		50	39	1.2	44	39	25
	ENVIRONMENTAL ENGR		67	65	1.2	69	67	58
	HYDRAUL/HYDROLOG S		50	54	1.3	61	52	33
	LEGAL & PROF ASPEC		67	60	0.6	62	59	67
	STRUCTURAL ANALYSI		50	42	1.1	42	41	33
	STRUCTURAL DESIGN	6	17	44	1.0	47	41	33
	SOIL MECH & FOUNDA		33	35	1.2	39	37	25
	SURVEYING	6	0	41	1.7	49	35	33
	TRANS FACILITIES	6	67	37	1.6	43	35	17
	WATER PUR & TREAT	6	67	55	1.4	58	52	75
		J	9,	23	± • •	30	32	75

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

Board Code: 71 Institution Code: 20					albylitc		
Major: MECHANICAL			ination Se		CHANICAL		
		This	State	Nat'l			
	Ins	titution			Compa	rator Group	pings
No. Examinees Taking		7	20	1054	564	174	107
No. Examinees Passing	3	7	19	944	508	159	93
% Examinees Passing		100%	95%	90%	90%	91%	87%
							\$75E S
					Carnegie	Carnegie	Carnegie
		This				Rsrch/Doc	Masters
	Ins	titution	Nat'l	Nat'l		Intensive	Comp.
Numb			Average		Average	Average	Average
of I		Percent	Percent	Deviation	-	Percent	Percent
		Correct	Correct	20,1001011	Correct	Correct	Correct
2					0011000	0011000	COLLECT
AM Subject (1 point	each)						
CHEMISTRY	11	. 68	72	1.8	73	72	72
COMPUTERS	7	60	62	1.5	63	61	64
DYNAMICS	9 *	73	69	1.7	70	69	
ELECTRICAL CIRCUITS	12	62	55	2.4	56		69
ENGINEERING ECON	5	80				52	57
ETHICS	5	74	60	1.2	60	59	57
FLUID MECHANICS	8		75 54	1.0	75	72	75
MAT SCI/STR MATTER	8	64	54	1.7	54	53	55
		63	60	1.5	61	58	60
MATHEMATICS	24	68	-66	3.9	67	65	63
MECH OF MATERIALS	8	61	59	1.7	59	59	59
STATICS	12	58	56	2.3	55	56	58
THERMODYNAMICS	11	66	61	2.1	61	60	64
PM Subject (2 points	each)						
AUTOMATIC CONTROLS	3	48	48	1.0	48	48	48
COMPUTER	3	29	53	0.9	53	52	56
MECHANICAL DESIGN	6	33	44	1.2	44	43	44
DYNAMIC SYSTEMS	6	71	57	1.5	57		57
ENERGY CONVERSION	3	57	58			56	
FLUID MECHANICS	6			0.8	59	57	60
	3	81	63	1.2	64	61	65
FANS/PUMPS & COMPR		43	45	0.8	46	41	48
HEAT TRANSFER	6	62	56	1.3	58	51	58
MEASUREMENT & INSTRU	6	62	45	1.5	46	42	51
MATL BEHAV & PROCESS	3	38	37	0.7	38	35	38
REFRIGERATION & HVAC	3	33	46	0.8	46	42	47
STRESS ANALYSIS	6	64	56	1.3	56	56	51
THERMODYNAMICS	6	43	49	1.5	50	44	54

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 Major: CIVIL			Institution Code: 30 PM Examination Selected: CIVIL					
		This	State	Nat'l				
	Ir	stitution			Compa	rator Group	pings	
No. Examinees Taking		16	61	2530	1438	415	324	
No. Examinees Passing	7	12	51	1980	1170	331	222	
% Examinees Passing	9	75%	84%	78%	81%	80%	69%	
* Examinees rassing		75-5	04-6	70%	07.9	80%	05%	
		This			Carnegie	Carnegie Rsrch/Doc	Carnegie Masters	
	т.	stitution	Notin	Not 17		Intensive		
373			Nat'l	Nat'l			Comp.	
Numl		Average	Average	Standard	Average	Average	Average	
	Exam	Percent	Percent	Deviation		Percent	Percent	
Quest	tions	Correct	Correct		Correct	Correct	Correct	
AM Subject (1 point	each)							
CHEMISTRY	11	75	71	1.8	72	71	69	
COMPUTERS	7	55	53	1.5	55	52	51	
DYNAMICS	9	69	59	1.8	60	58	54	
ELECTRICAL CIRCUITS	12	33	38	2.5	38	38	36	
ENGINEERING ECON	5	48	59	1.3	60	57	54	
ETHICS	5	80	75	0.9	75	75	73	
FLUID MECHANICS	8	52	51	1.7	53	51	46	
MAT SCI/STR MATTER	8	37	49	1.5	51	50	46	
MATHEMATICS	24	62	59	4.1	60	59	55	
MECH OF MATERIALS	8	57	54	1.7	56	53	52	
STATICS	12	55	55	2.3	56	54	52	
THERMODYNAMICS	11	46	42	1.8	42	46	40	
THERMODINAMICS	11	40	42	1.0	42	40	40	
PM Subject (2 points	s each	1)						
CONSTRUCTION MGMNT	3	35	44	0.8	45	44	37	
COMP & NUM METHODS	6	44	43	1.4	45	43	40	
ENVIRONMENTAL ENGR	6	69	67	1.3	69	67	62	
HYDRAUL/HYDROLOG SYS	6	57	59	1.3	60	62	56	
LEGAL & PROF ASPECTS	3	65	70	0.8	71	71	66	
STRUCTURAL ANALYSIS	6	39	47	1.3	48	47	48	
STRUCTURAL DESIGN	6	34	43	1.2	44	44	43	
SOIL MECH & FOUNDAT	6	59	47	1.2	48	48	44	
SURVEYING	6	49	47	1.5	49	46	44	
TRANS FACILITIES	6	33	43	1.3	44	42	39	
WATER PUR & TREAT	6	66	52	1.5	52	55	49	
THE LOW OF THEM	J	00	32	1.0	52	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: Other Board Code: 71

Board Code: 71		Institution Code: 30							
Major: ELECTRICAL		PM Exam	ination Se	lected: EL	ECTRICAL				
	This	State	Nat'1						
	Institution			Compa	rator Group	pings			
No. Examinees Taking	1	5	1239	559	194	248			
No. Examinees Passing	1	4	1041	467	173	184			
<pre>% Examinees Passing</pre>	100%	80%	84%	84%	89%	74%			
				Carnegie	Carnegie	Carnegie			
	This			Rsrch/Doc	Rsrch/Doc	Masters			
	Institution		Nat'l	Extensive	Intensive	Comp.			
Numbe	20 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	Average	Standard	Average	Average	Average			
of E	xam Percent	Percent	Deviation	Percent	Percent	Percent			
Quest	ions Correct	Correct		Correct	Correct	Correct			
82									
AM Subject (1 point of	each)								
CHEMISTRY	11 45	71	2.0	71	75	67			
COMPUTERS	7 86	71	1.4	71	72	69			
DYNAMICS	9 44	60	1.9	60	58	57			
ELECTRICAL CIRCUITS	12 58	71	2.2	72	73	69			
ENGINEERING ECON	5 0	59	1.2	58	62	55			
ETHICS	5 100	76	1.0	77	76	74			
FLUID MECHANICS	8 63	39	1.6	39	39	35			
MAT SCI/STR MATTER	8 38	44	1.6	44	44	43			
MATHEMATICS	24 58	69	4.0	69	71	66			
MECH OF MATERIALS	8 38	40	1.4	40	42	38			
STATICS	12 33	43	2.3	43	43	40			
THERMODYNAMICS	11 27	43	2.0	43	45	42			
		43	2.0	43	40	42			
PM Subject (2 points	each)								
ANALOG ELEC CIRCUITS	6 17	38	1.3	39	37	37			
CONT SYS THEORY ANAL	6 17	57	1.2	56	59	54			
COMP HARDWR ENGINENG	3 67	54	0.9	55	53	50			
COMP & NUM METHODS	3 33	35	0.9	35	33	35			
COMP SOFTWR ENGINENG	3 67	62	0.8	63	61	57			
COMM THEORY	6 50	35	1.1	36	34	33			
DIGITAL SYSTEMS	6 83	63	1.4	63	62	61			
ELECTRO THEORY & APP	6 50	50	1.1	51	47	49			
INSTRUMENTATION	3 0	42	0.9	40	44	40			
NETWORK ANALYSIS	6 33	40	1.4	39	41	38			
POWER SYSTEMS	3 33	35	0.8	34	38	35			
SIGNAL PROCESSING	3 33	32	0.9	31	35	31			
SOLID ST ELEC & DEV	6 50	50	1.4	51	50	47			
	5	30	T • T	JI	30	-1			

# 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 Major: MATERIALS				tion Code:		VTT.	
major: miranina			III DAGII	indcion be	rected. Cr	VIII	
		This	State	Nat'l			
	In	stitution			Compa	rator Group	pings
No. Examinees Taking		1	2	31	15	9	2
No. Examinees Passing		1	2	21	12	5	1
% Examinees Passing		100%	100%	68%	80%	56%	50%
		H3250 Fa			Carnegie		
	0.000	This	22577 2727	5225 DOLD		Rsrch/Doc	Masters
1 × 00000		stitution		Nat'1		Intensive	
Numb			Average		Average	Average	Average
of E		Percent	Percent	Deviation		Percent	Percent
Quest	ions	Correct	Correct		Correct	Correct	Correct
AM Subject (1 point	each)						
CHEMISTRY	11	91	68	1.9	67	68	55
COMPUTERS	7	57	41	1.7	43	44	43
DYNAMICS	9	78	54	2.0	61	49	50
ELECTRICAL CIRCUITS	12	0	34	2.5	40	30	21
ENGINEERING ECON	5	40	52	1.4	52	49	60
ETHICS	5	80	71	1.1	65	76	70
FLUID MECHANICS	8	25	48	1.5	50	47	63
MAT SCI/STR MATTER	8	50	47	1.7	43	53	56
MATHEMATICS	24	79	53	4.1	57	50	50
MECH OF MATERIALS	8	50	48	1.6	50	54	31
STATICS	12	58	47	2.3	49	49	42
THERMODYNAMICS	11	36	39	1.5	39	42	45
PM Subject (2 points	each	)					
CONSTRUCTION MGMNT	3	33	33	0.7	27	48	17
COMP & NUM METHODS	6	17	39	1.2	44	39	25
ENVIRONMENTAL ENGR	6	17	65	1.2	69	67	58
HYDRAUL/HYDROLOG SYS	6	67	54	1.3	61	52	33
LEGAL & PROF ASPECTS	3	67	60	0.6	62	59	67
STRUCTURAL ANALYSIS	6	50	42	1.1	42	41	33
STRUCTURAL DESIGN	6	33	44	1.0	47	41	33
SOIL MECH & FOUNDAT	6	33	35	1.2	39	37	25
SURVEYING	6	50	41	1.7	49	35	33
TRANS FACILITIES	6	33	37	1.6	43	35	17
WATER PUR & TREAT	6	50	55	1.4	58	52	75
	A 10 To 10	11/20/2003			( <del>1</del> , <del>11</del> , 11)		

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: Other

Institution Code: 30

Board Code: 71			Institu					
	Major: MECHANICAL			PM Exam	ination Se	lected: GE	NERAL	
			This	State	Nat'1			
		Tns	titution	Blace	Nat 1	Compa	rator Group	ninge
	No. Examinees Taking		3	35	2766	1334	381	473
	No. Examinees Passing	r	2	30	2427	1206	314	397
	% Examinees Passing		67%	86%	88%	90%	82%	84%
			0,70	000	001	500	04 0	048
	Numb of E Quest	er Exam	This titution 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	each)						
	CHEMISTRY	11	. 70	73	1.8	74	71	69
	COMPUTERS	7	10	61	1.5	64	57	57
	DYNAMICS	9	56	69	1.7	71	67	67
	ELECTRICAL CIRCUITS	12	39	54	2.4	56	50	53
	ENGINEERING ECON	5	40	58	1.2	59	58	54
	ETHICS	5	73	75	0.9	75	75	73
	FLUID MECHANICS	8	46	53	1.6	54	50	51
	MAT SCI/STR MATTER	8	54	59	1.6	60	58	56
	MATHEMATICS	24	75	67	3.9	69	64	64
	MECH OF MATERIALS	8	29	58	1.7	60	56	55
	STATICS	12	42	55	2.3	56	53	53
	THERMODYNAMICS	11	67	58	2.1	59	57	57
	PM Subject (2 points	each)						
	ELECTRICAL CIRCUITS	6	33	45	1.6	47	40	42
	CHEMISTRY	5	47	51	1.0	51	50	50
	COMPUTERS	3	78	81	0.8	84	77	77
	DYNAMICS	5	27	41	1.2	42	40	40
	ENGINRING ECONOMICS	3	33	51	0.8	53	51	49
	ETHICS	3	44	66	0.7	66	66	65
	FLUID MECHANICS	4	42	49	1.1	51	48	49
	MATHEMATICS	12	58	51	2.2	53	49	48
	MAT SCI/STR MATTER	3	67	68	0.8	70	68	65
	MECH OF MATERIALS	4	17	27	0.9	27	25	27
	STATICS	6	44	55	1.2	56	55	55
	THERMODYNAMICS	6	28	46	1.3	47	44	45

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

Board Code: 71		Institution Code: 60						
Major: MECHANICAL		PM Exam	ination Se	lected: GE	NERAL			
	This	State	Nat'l					
	Institution	blace	Nac 1	Compa	rator Grou	nings		
No. Examinees Taking	9	35	2766	1334	381	473		
No. Examinees Passing	9	30	2427	1206	314	397		
% Examinees Passing	100%	86%	88%	90%	82%	84%		
* Examinees rassing	100%	00%	00%	30%	025	046		
	This Institution	Nat'l	Nat'l		Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.		
Number	Average	Average	Standard	Average	Average	Average		
of Exam	Percent	Percent	Deviation	Percent	Percent	Percent		
Question	s Correct	Correct		Correct	Correct	Correct		
AM Subject (1 point eac	h)							
CHEMISTRY 11	60	73	1.8	74	71	69		
COMPUTERS 7	51	61	1.5	64	57	57		
DYNAMICS 9	73	69	1.7	71	67	67		
ELECTRICAL CIRCUITS 12	50	54	2.4	56	50	53		
ENGINEERING ECON 5		58	1.2	59	58	54		
ETHICS 5		75	0.9	75	75	73		
FLUID MECHANICS 8		53	1.6	54	50	51		
MAT SCI/STR MATTER 8		59	1.6	60	58	56		
MATHEMATICS 24		67	3.9	69	64	64		
MECH OF MATERIALS 8		58	1.7	60	56	55		
STATICS 12		55	2.3	56	53	53		
THERMODYNAMICS 11		58	2.1	59	57	57		
PM Subject (2 points ea								
ELECTRICAL CIRCUITS 6	39	45	1.6	47	40	42		
CHEMISTRY 5	64	51	1.0	51	50	50		
COMPUTERS 3	78	81	0.8	84	77	77		
DYNAMICS 5	47	41	1.2	42	40	40		
ENGINRING ECONOMICS 3	44	51	0.8	53	51	49		
ETHICS 3	70	66	0.7	66	66	65		
FLUID MECHANICS 4	44	49	1.1	51	48	49		
MATHEMATICS 12	41	51	2.2	53	49	48		
MAT SCI/STR MATTER 3		68	0.8	70	68	65		
MECH OF MATERIALS 4		27	0.9	27	25	27		
STATICS 6		55	1.2	56	55	55		
THERMODYNAMICS 6	43	46	1.3	47	44	45		