

National Council of Examiners for Engineering and Surveying (NCEES)
 Fundamentals of Engineering Examination
 APRIL 2003 Administration

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: CIVIL

Name of Institution: University of Kentucky
 Institution Code: 10
 PM Examination Selected: CIVIL

	This Institution	State	Nat'l	Comparator Groupings		
No. Examinees Taking	31	61	2530	1438	415	324
No. Examinees Passing	27	51	1980	1170	331	222
% Examinees Passing	87%	84%	78%	81%	80%	69%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent 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
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
WATER PUR & TREAT	6	48	52	1.5	52	55	49

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 APRIL 2003 Administration

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: ELECTRICAL

Name of Institution: University of Kentucky
 Institution Code: 10
 PM Examination Selected: ELECTRICAL

	This Institution	State	Nat'l	Comparator Groupings		
No. Examinees Taking	1	5	1239	559	194	248
No. Examinees Passing	1	4	1041	467	173	184
% Examinees Passing	100%	80%	84%	84%	89%	74%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

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	40
THERMODYNAMICS	11	73	43	2.0	43	45	42

PM Subject (2 points each)

ANALOG ELEC CIRCUITS	6	50	38	1.3	39	37	37
CONT SYS THEORY ANAL	6	100	57	1.2	56	59	54
COMP HARDWR ENGINRNG	3	100	54	0.9	55	53	50
COMP & NUM METHODS	3	67	35	0.9	35	33	35
COMP SOFTWR ENGINRNG	3	100	62	0.8	63	61	57
COMM THEORY	6	50	35	1.1	36	34	33
DIGITAL SYSTEMS	6	100	63	1.4	63	62	61
ELECTRO THEORY & APP	6	67	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
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

National Council of Examiners for Engineering and Surveying (NCEES)
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 APRIL 2003 Administration

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: MECHANICAL

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

	This Institution	State	Nat'l	Comparator Groupings		
No. Examinees Taking	23	35	2766	1334	381	473
No. Examinees Passing	19	30	2427	1206	314	397
% Examinees Passing	83%	86%	88%	90%	82%	84%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	73	73	1.8	74	71	69
COMPUTERS	7	64	61	1.5	64	57	57
DYNAMICS	9	73	69	1.7	71	67	67
ELECTRICAL CIRCUITS	12	69	54	2.4	56	50	53
ENGINEERING ECON	5	53	58	1.2	59	58	54
ETHICS	5	77	75	0.9	75	75	73
FLUID MECHANICS	8	55	53	1.6	54	50	51
MAT SCI/STR MATTER	8	56	59	1.6	60	58	56
MATHEMATICS	24	77	67	3.9	69	64	64
MECH OF MATERIALS	8	68	58	1.7	60	56	55
STATICS	12	62	55	2.3	56	53	53
THERMODYNAMICS	11	62	58	2.1	59	57	57

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	58	45	1.6	47	40	42
CHEMISTRY	5	53	51	1.0	51	50	50
COMPUTERS	3	81	81	0.8	84	77	77
DYNAMICS	5	43	41	1.2	42	40	40
ENGINEERING ECONOMICS	3	42	51	0.8	53	51	49
ETHICS	3	65	66	0.7	66	66	65
FLUID MECHANICS	4	47	49	1.1	51	48	49
MATHEMATICS	12	64	51	2.2	53	49	48
MAT SCI/STR MATTER	3	67	68	0.8	70	68	65
MECH OF MATERIALS	4	32	27	0.9	27	25	27
STATICS	6	59	55	1.2	56	55	55
THERMODYNAMICS	6	44	46	1.3	47	44	45

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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: KENTUCKY
 Board Code: 71
 Major: MECHANICAL

Name of Institution: University of Kentucky
 Institution Code: 10
 PM Examination Selected: MECHANICAL

	This Institution	State	Nat'l	Comparator Groupings		
No. Examinees Taking	13	20	1054	564	174	107
No. Examinees Passing	12	19	944	508	159	93
% Examinees Passing	92%	95%	90%	90%	91%	87%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent 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
MAT SCI/STR MATTER	8	57	60	1.5	61	58	60
MATHEMATICS	24	71	66	3.9	67	65	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 points each)

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
HEAT TRANSFER	6	56	56	1.3	58	51	58
MEASUREMENT & INSTRU	6	47	45	1.5	46	42	51
MATL BEHAV & PROCESS	3	33	37	0.7	38	35	38
REFRIGERATION & HVAC	3	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

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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: KENTUCKY
 Board Code: 71
 Major: CHEMICAL

Name of Institution: University of Louisville
 Institution Code: 20
 PM Examination Selected: CHEMICAL

	This Institution	State	Nat'l	Comparator Groupings		
No. Examinees Taking	1	1	622	368	119	42
No. Examinees Passing	1	1	539	321	96	36
% Examinees Passing	100%	100%	87%	87%	81%	86%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent 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)

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

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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	Comparator Groupings		
No. Examinees Taking	14	61	2530	1438	415	324
No. Examinees Passing	12	51	1980	1170	331	222
% Examinees Passing	86%	84%	78%	81%	80%	69%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	68	71	1.8	72	71	69
COMPUTERS	7	49	53	1.5	55	52	51
DYNAMICS	9	60	59	1.8	60	58	54
ELECTRICAL CIRCUITS	12	45	38	2.5	38	38	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

National Council of Examiners for Engineering and Surveying (NCEES)
Fundamentals of Engineering Examination
APRIL 2003 Administration

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: MATERIALS

Name of Institution: University of Louisville
Institution Code: 20
PM Examination Selected: CIVIL

	This Institution	State	Nat'l	Comparator Groupings		
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%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point 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 CIRCUITS	12	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	8	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

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	67	33	0.7	27	48	17
COMP & NUM METHODS	6	50	39	1.2	44	39	25
ENVIRONMENTAL ENGR	6	67	65	1.2	69	67	58
HYDRAUL/HYDROLOG SYS	6	50	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	17	44	1.0	47	41	33
SOIL MECH & FOUNDAT	6	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

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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: KENTUCKY	Name of Institution: University of Louisville
Board Code: 71	Institution Code: 20
Major: MECHANICAL	PM Examination Selected: MECHANICAL

	This	State	Nat'l	Comparator Groupings		
	Institution					
No. Examinees Taking	7	20	1054	564	174	107
No. Examinees Passing	7	19	944	508	159	93
% Examinees Passing	100%	95%	90%	90%	91%	87%

	This	Nat'l	Nat'l	Carnegie	Carnegie	Carnegie
	Institution	Average	Standard	Rsrch/Doc	Rsrch/Doc	Masters
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Deviation	Extensive Average Percent Correct	Intensive Average Percent Correct	Comp. Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	68	72	1.8	73	72	72
COMPUTERS	7	69	62	1.5	63	61	64
DYNAMICS	9	73	69	1.7	70	69	69
ELECTRICAL CIRCUITS	12	62	55	2.4	56	52	57
ENGINEERING ECON	5	80	60	1.2	60	59	57
ETHICS	5	74	75	1.0	75	72	75
FLUID MECHANICS	8	64	54	1.7	54	53	55
MAT SCI/STR MATTER	8	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	56	57
ENERGY CONVERSION	3	57	58	0.8	59	57	60
FLUID MECHANICS	6	81	63	1.2	64	61	65
FANS/PUMPS & COMPR	3	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

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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: KENTUCKY
 Board Code: 71
 Major: CIVIL

Name of Institution: Other
 Institution Code: 30
 PM Examination Selected: CIVIL

	This Institution	State	Nat'l	Comparator Groupings		
No. Examinees Taking	16	61	2530	1438	415	324
No. Examinees Passing	12	51	1980	1170	331	222
% Examinees Passing	75%	84%	78%	81%	80%	69%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent 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

PM Subject (2 points each)

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

National Council of Examiners for Engineering and Surveying (NCEES)
 Fundamentals of Engineering Examination
 APRIL 2003 Administration

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: MATERIALS

Name of Institution: Other
 Institution Code: 30
 PM Examination Selected: CIVIL

	This Institution	State	Nat'l	Comparator Groupings		
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%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent 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

National Council of Examiners for Engineering and Surveying (NCEES)
 Fundamentals of Engineering Examination
 APRIL 2003 Administration

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: MECHANICAL

Name of Institution: Paducah-UK Extended Campus
 Institution Code: 60
 PM Examination Selected: GENERAL

	This Institution	State	Nat'l	Comparator Groupings		
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%

	This Institution	Nat'l	Nat'l	Carnegie Rsrch/Doc Extensive	Carnegie Rsrch/Doc Intensive	Carnegie Masters Comp.
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Standard Deviation	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

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	47	58	1.2	59	58	54
ETHICS	5	71	75	0.9	75	75	73
FLUID MECHANICS	8	49	53	1.6	54	50	51
MAT SCI/STR MATTER	8	58	59	1.6	60	58	56
MATHEMATICS	24	64	67	3.9	69	64	64
MECH OF MATERIALS	8	56	58	1.7	60	56	55
STATICS	12	53	55	2.3	56	53	53
THERMODYNAMICS	11	62	58	2.1	59	57	57

PM Subject (2 points each)

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	74	68	0.8	70	68	65
MECH OF MATERIALS	4	25	27	0.9	27	25	27
STATICS	6	54	55	1.2	56	55	55
THERMODYNAMICS	6	43	46	1.3	47	44	45