

National Council of Examiners for Engineering and Surveying (NCEES)  
 Fundamentals of Engineering Examination  
 OCTOBER 2002 Administration

Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: AGRICULTURAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	5	6	120	22	38	7327
No. Examinees Passing	5	6	91	13	23	4477
% Examinees Passing	100%	100%	76%	59%	61%	61%

  

	Special			Special		
	Code	State	Nat'l	Code	State	Nat'l
Number of Exam Questions						
Average Percent Correct						

AM Subject (1 point each)

	Special Code	State	Nat'l	Special Code	State	Nat'l
CHEMISTRY	11	65	67	57	58	58
COMPUTERS	7	57	55	55	53	55
DYNAMICS	9	73	76	62	64	61
ELECTRICAL CIRCUITS	12	55	56	52	51	50
ENGINEERING ECON	5	88	77	66	65	63
ETHICS	5	68	70	66	67	65
FLUID MECHANICS	8	65	67	56	55	50
MAT SCI/STR MATTER	8	63	63	58	56	57
MATHEMATICS	24	66	68	61	62	59
MECH OF MATERIALS	8	53	58	55	53	55
STATICS	12	68	71	56	57	56
THERMODYNAMICS	11	73	65	57	53	49

PM Subject (2 points each)

	Special Code	State	Nat'l	Special Code	State	Nat'l
ELECTRICAL CIRCUITS	6	47	47	37	40	45
CHEMISTRY	5	32	33	44	38	37
COMPUTERS	3	67	72	61	62	58
DYNAMICS	5	40	37	34	34	36
ENGINEERING ECONOMICS	3	60	61	56	57	56
ETHICS	3	80	78	77	75	67
FLUID MECHANICS	4	70	63	51	49	44
MATHEMATICS	12	52	54	55	60	59
MAT SCI/STR MATTER	3	53	56	50	46	47
MECH OF MATERIALS	4	40	46	28	29	34
STATICS	6	53	56	56	54	52
THERMODYNAMICS	6	53	44	39	39	39

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
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 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: AGRICULTURAL

Name of Institution: University of Kentucky  
 PM Examination Selected: ENVIRONMENTAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	1	6	1	1	220
No. Examinees Passing	1	1	4	1	1	145
% Examinees Passing	100%	100%	67%	100%	100%	66%

  

	Number of Exam Questions	Special Code	State Average Percent Correct	Nat'l Average Percent Correct	Special Code	State Average Percent Correct	Nat'l Average Percent Correct
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AM Subject (1 point each)

CHEMISTRY	11	64	64	71	64	64	70
COMPUTERS	7	86	86	60	86	86	53
DYNAMICS	9	67	67	63	67	67	55
ELECTRICAL CIRCUITS	12	67	67	50	67	67	39
ENGINEERING ECON	5	100	100	60	100	100	63
ETHICS	5	80	80	60	80	80	68
FLUID MECHANICS	8	63	63	54	63	63	51
MAT SCI/STR MATTER	8	63	63	67	63	63	62
MATHEMATICS	24	71	71	53	71	71	54
MECH OF MATERIALS	8	50	50	54	50	50	46
STATICS	12	67	67	50	67	67	48
THERMODYNAMICS	11	55	55	44	55	55	46

PM Subject (2 points each)

AIR QUALITY ENG	9	56	56	41	56	56	47
ENV SCIENCE & MNGMNT	9	44	44	52	44	44	62
WATER RESOURCES	15	53	53	47	53	53	45
SOLID & HAZ WASTE	9	56	56	33	56	56	50
WATER & WASTEWATER	18	44	44	42	44	44	48

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 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: CHEMICAL

Name of Institution: University of Kentucky  
 PM Examination Selected: CHEMICAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	1	369	1	1	373
No. Examinees Passing	0	0	319	0	0	321
% Examinees Passing	0%	0%	86%	0%	0%	86%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	73	73	84	73	73	84
COMPUTERS	7	29	29	64	29	29	64
DYNAMICS	9	33	33	67	33	33	67
ELECTRICAL CIRCUITS	12	58	58	52	58	58	52
ENGINEERING ECON	5	60	60	74	60	60	73
ETHICS	5	80	80	69	80	80	69
FLUID MECHANICS	8	75	75	58	75	75	57
MAT SCI/STR MATTER	8	38	38	70	38	38	70
MATHEMATICS	24	33	33	66	33	33	66
MECH OF MATERIALS	8	63	63	46	63	63	46
STATICS	12	17	17	53	17	17	53
THERMODYNAMICS	11	45	45	69	45	45	68

PM Subject (2 points each)

COMP & NUM METHODS	3	0	0	55	0	0	54
CHEM REACTION ENGR	6	50	50	55	50	50	55
CHEM THERMODYNAMICS	6	0	0	45	0	0	45
PROCESS EQUIP DESIGN	3	67	67	45	67	67	45
HEAT TRANSFER	6	50	50	58	50	50	58
MAT/ENERGY BALANCES	9	22	22	59	22	22	59
MASS TRANSFER	6	50	50	61	50	50	61
PROCESS CONTROL	3	67	67	45	67	67	45
PROC DSGN/ECON EVAL	6	17	17	69	17	17	69
POLLUTION PREVENTION	3	0	0	73	0	0	73
PROCESS SAFETY	3	67	67	68	67	67	68
TRANSPORT PHENOMENA	6	17	17	52	17	17	52

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 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: CIVIL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	38	55	2654	39	57	2803
No. Examinees Passing	25	35	1786	26	37	1877
% Examinees Passing	66%	64%	67%	67%	65%	67%

  

	Number of Exam Questions	Special Code	State Average	Nat'l Average	Special Code	State Average	Nat'l Average
		Average Percent Correct	Percent Correct	Percent Correct	Average Percent Correct	Percent Correct	Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	61	61	57	62	61	57
COMPUTERS	7	58	56	51	58	56	51
DYNAMICS	9	68	65	59	67	64	59
ELECTRICAL CIRCUITS	12	33	35	38	32	35	38
ENGINEERING ECON	5	65	63	66	64	62	66
ETHICS	5	68	68	65	68	68	65
FLUID MECHANICS	8	57	55	53	57	55	52
MAT SCI/STR MATTER	8	60	56	57	60	56	57
MATHEMATICS	24	58	59	54	59	59	54
MECH OF MATERIALS	8	61	56	59	60	55	59
STATICS	12	60	58	57	60	58	57
THERMODYNAMICS	11	50	47	41	51	48	41

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	47	44	40	48	44	40
COMP & NUM METHODS	6	50	50	49	49	49	49
ENVIRONMENTAL ENGR	6	54	54	53	53	53	54
HYDRAUL/HYDROLOG SYS	6	58	58	55	58	59	55
LEGAL & PROF ASPECTS	3	80	76	73	80	76	73
STRUCTURAL ANALYSIS	6	60	60	61	60	60	61
STRUCTURAL DESIGN	6	32	35	44	31	35	44
SOIL MECH & FOUNDAT	6	54	52	52	54	52	52
SURVEYING	6	46	47	42	47	46	42
TRANS FACILITIES	6	45	45	48	46	46	47
WATER PUR & TREAT	6	50	47	46	51	47	46

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ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: CIVIL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	8	10	2413	22	38	7327
No. Examinees Passing	4	4	1175	13	23	4477
% Examinees Passing	50%	40%	49%	59%	61%	61%

  

	Number of Exam Questions	Specified Major Only			All Majors Combined		
		Special Code	State	Nat'l	Special Code	State	Nat'l
		Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

	Specified Major Only	All Majors Combined
CHEMISTRY	53	58
COMPUTERS	57	53
DYNAMICS	63	64
ELECTRICAL CIRCUITS	41	51
ENGINEERING ECON	65	65
ETHICS	60	67
FLUID MECHANICS	61	55
MAT SCI/STR MATTER	55	56
MATHEMATICS	57	62
MECH OF MATERIALS	48	53
STATICS	49	57
THERMODYNAMICS	51	53

PM Subject (2 points each)

	Specified Major Only	All Majors Combined
ELECTRICAL CIRCUITS	29	40
CHEMISTRY	55	38
COMPUTERS	67	62
DYNAMICS	28	34
ENGINEERING ECONOMICS	54	57
ETHICS	75	75
FLUID MECHANICS	31	49
MATHEMATICS	50	60
MAT SCI/STR MATTER	54	46
MECH OF MATERIALS	16	29
STATICS	67	54
THERMODYNAMICS	33	39

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ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: ELECTRICAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	3	8	1079	3	9	1178
No. Examinees Passing	3	8	781	3	8	857
% Examinees Passing	100%	100%	72%	100%	89%	73%

  

	Number of Exam Questions	Specified Major Only			All Majors Combined		
		Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct	Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct
AM Subject (1 point each)							
CHEMISTRY	11	58	47	55	58	42	55
COMPUTERS	7	52	70	71	52	70	72
DYNAMICS	9	52	50	58	52	46	58
ELECTRICAL CIRCUITS	12	61	71	70	61	71	70
ENGINEERING ECON	5	53	65	61	53	60	61
ETHICS	5	73	63	65	73	62	65
FLUID MECHANICS	8	38	38	39	38	33	39
MAT SCI/STR MATTER	8	79	63	54	79	61	54
MATHEMATICS	24	65	67	64	65	66	64
MECH OF MATERIALS	8	33	36	39	33	32	39
STATICS	12	61	55	51	61	51	51
THERMODYNAMICS	11	30	36	41	30	34	41
PM Subject (2 points each)							
ANALOG ELEC CIRCUITS	6	50	46	48	50	46	48
CONT SYS THEORY ANAL	6	33	35	42	33	33	41
COMP HARDWR ENGINRNG	3	33	46	42	33	48	43
COMP & NUM METHODS	3	78	54	37	78	52	37
COMP SOFTWR ENGINRNG	3	56	75	64	56	67	65
COMM THEORY	6	33	38	48	33	39	48
DIGITAL SYSTEMS	6	56	69	67	56	69	68
ELECTRO THEORY & APP	6	67	50	44	67	48	44
INSTRUMENTATION	3	44	29	46	44	26	45
NETWORK ANALYSIS	6	33	40	41	33	39	41
POWER SYSTEMS	3	78	54	44	78	52	43
SIGNAL PROCESSING	3	56	33	36	56	30	36
SOLID ST ELEC & DEV	6	39	44	54	39	41	54

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ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: ELECTRICAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	2	2	794	22	38	7327
No. Examinees Passing	0	0	410	13	23	4477
% Examinees Passing	0%	0%	52%	59%	61%	61%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	64	64	52	57	58	58
COMPUTERS	7	50	50	63	55	53	55
DYNAMICS	9	39	39	53	62	64	61
ELECTRICAL CIRCUITS	12	71	71	63	52	51	50
ENGINEERING ECON	5	70	70	60	66	65	63
ETHICS	5	70	70	64	66	67	65
FLUID MECHANICS	8	44	44	37	56	55	50
MAT SCI/STR MATTER	8	31	31	47	58	56	57
MATHEMATICS	24	58	58	59	61	62	59
MECH OF MATERIALS	8	38	38	38	55	53	55
STATICS	12	63	63	47	56	57	56
THERMODYNAMICS	11	36	36	39	57	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	42	42	61	37	40	45
CHEMISTRY	5	30	30	34	44	38	37
COMPUTERS	3	50	50	66	61	62	58
DYNAMICS	5	30	30	34	34	34	36
ENGINRING ECONOMICS	3	33	33	55	56	57	56
ETHICS	3	83	83	65	77	75	67
FLUID MECHANICS	4	50	50	36	51	49	44
MATHEMATICS	12	50	50	59	55	60	59
MAT SCI/STR MATTER	3	33	33	33	50	46	47
MECH OF MATERIALS	4	0	0	27	28	29	34
STATICS	6	17	17	37	56	54	52
THERMODYNAMICS	6	17	17	34	39	39	39

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ABET Accredited Engineering Program Examinees  
All Examinees

Board: KENTUCKY  
Major: MATERIALS

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	2	33	39	57	2803
No. Examinees Passing	1	2	23	26	37	1877
% Examinees Passing	100%	100%	70%	67%	65%	67%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	100	68	59	62	61	57
COMPUTERS	7	71	64	52	58	56	51
DYNAMICS	9	44	50	54	67	64	59
ELECTRICAL CIRCUITS	12	25	29	36	32	35	38
ENGINEERING ECON	5	20	50	64	64	62	66
ETHICS	5	60	60	60	68	68	65
FLUID MECHANICS	8	88	56	57	57	55	52
MAT SCI/STR MATTER	8	88	63	56	60	56	57
MATHEMATICS	24	71	63	56	59	59	54
MECH OF MATERIALS	8	50	44	62	60	55	59
STATICS	12	67	63	59	60	58	57
THERMODYNAMICS	11	73	59	41	51	48	41

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	67	50	42	48	44	40
COMP & NUM METHODS	6	33	33	52	49	49	49
ENVIRONMENTAL ENGR	6	33	42	54	53	53	54
HYDRAUL/HYDROLOG SYS	6	50	67	56	58	59	55
LEGAL & PROF ASPECTS	3	100	67	75	80	76	73
STRUCTURAL ANALYSIS	6	67	58	65	60	60	61
STRUCTURAL DESIGN	6	17	33	39	31	35	44
SOIL MECH & FOUNDAT	6	50	50	52	54	52	52
SURVEYING	6	50	42	42	47	46	42
TRANS FACILITIES	6	67	50	44	46	46	47
WATER PUR & TREAT	6	67	50	56	51	47	46



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ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MATERIALS

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	1	147	22	38	7327
No. Examinees Passing	0	0	89	13	23	4477
% Examinees Passing	0%	0%	61%	59%	61%	61%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	55	55	60	57	58	58
COMPUTERS	7	43	43	54	55	53	55
DYNAMICS	9	44	44	59	62	64	61
ELECTRICAL CIRCUITS	12	58	58	48	52	51	50
ENGINEERING ECON	5	20	20	63	66	65	63
ETHICS	5	80	80	65	66	67	65
FLUID MECHANICS	8	25	25	48	56	55	50
MAT SCI/STR MATTER	8	63	63	61	58	56	57
MATHEMATICS	24	54	54	57	61	62	59
MECH OF MATERIALS	8	50	50	56	55	53	55
STATICS	12	50	50	55	56	57	56
THERMODYNAMICS	11	45	45	49	57	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	17	17	45	37	40	45
CHEMISTRY	5	20	20	37	44	38	37
COMPUTERS	3	33	33	56	61	62	58
DYNAMICS	5	20	20	36	34	34	36
ENGINRING ECONOMICS	3	33	33	55	56	57	56
ETHICS	3	100	100	65	77	75	67
FLUID MECHANICS	4	25	25	41	51	49	44
MATHEMATICS	12	67	67	57	55	60	59
MAT SCI/STR MATTER	3	0	0	50	50	46	47
MECH OF MATERIALS	4	50	50	35	28	29	34
STATICS	6	33	33	51	56	54	52
THERMODYNAMICS	6	33	33	38	39	39	39

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ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MECHANICAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	4	12	2011	22	38	7327
No. Examinees Passing	3	9	1568	13	23	4477
% Examinees Passing	75%	75%	78%	59%	61%	61%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	57	56	59	57	58	58
COMPUTERS	7	54	50	58	55	53	55
DYNAMICS	9	64	65	69	62	64	61
ELECTRICAL CIRCUITS	12	63	56	56	52	51	50
ENGINEERING ECON	5	55	67	65	66	65	63
ETHICS	5	80	72	65	66	67	65
FLUID MECHANICS	8	53	54	56	56	55	50
MAT SCI/STR MATTER	8	78	69	64	58	56	57
MATHEMATICS	24	77	70	63	61	62	59
MECH OF MATERIALS	8	75	59	62	55	53	55
STATICS	12	60	60	62	56	57	56
THERMODYNAMICS	11	68	57	61	57	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	46	46	49	37	40	45
CHEMISTRY	5	55	38	36	44	38	37
COMPUTERS	3	58	64	63	61	62	58
DYNAMICS	5	35	33	39	34	34	36
ENGINEERING ECONOMICS	3	75	61	57	56	57	56
ETHICS	3	75	75	69	77	75	67
FLUID MECHANICS	4	63	58	47	51	49	44
MATHEMATICS	12	73	71	62	55	60	59
MAT SCI/STR MATTER	3	58	50	56	50	46	47
MECH OF MATERIALS	4	38	27	39	28	29	34
STATICS	6	63	57	62	56	54	52
THERMODYNAMICS	6	46	49	46	39	39	39

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ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MECHANICAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	5	13	779	5	14	824
No. Examinees Passing	4	11	622	4	11	655
% Examinees Passing	80%	85%	80%	80%	79%	79%

  

	Number of Exam Questions	Specified Major Only			All Majors Combined		
		Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct	Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct
AM Subject (1 point each)							
CHEMISTRY	11	67	66	59	67	64	59
COMPUTERS	7	69	59	59	69	57	59
DYNAMICS	9	84	85	70	84	80	70
ELECTRICAL CIRCUITS	12	67	63	56	67	63	56
ENGINEERING ECON	5	60	66	64	60	66	64
ETHICS	5	68	66	66	68	67	66
FLUID MECHANICS	8	50	61	58	50	59	58
MAT SCI/STR MATTER	8	60	64	67	60	63	67
MATHEMATICS	24	68	71	62	68	68	62
MECH OF MATERIALS	8	70	74	64	70	71	63
STATICS	12	63	69	62	63	67	62
THERMODYNAMICS	11	60	65	61	60	62	61
PM Subject (2 points each)							
AUTOMATIC CONTROLS	3	60	49	47	60	48	47
COMPUTER	3	33	41	42	33	40	41
MECHANICAL DESIGN	6	47	68	65	47	64	65
DYNAMIC SYSTEMS	6	53	51	42	53	51	42
ENERGY CONVERSION	3	40	46	49	40	50	49
FLUID MECHANICS	6	57	51	49	57	50	49
FANS/PUMPS & COMPR	3	33	28	19	33	26	20
HEAT TRANSFER	6	60	67	56	60	63	56
MEASUREMENT & INSTRU	6	63	65	60	63	67	60
MATL BEHAV & PROCESS	3	40	44	51	40	40	51
REFRIGERATION & HVAC	3	33	31	34	33	31	34
STRESS ANALYSIS	6	53	45	36	53	46	36
THERMODYNAMICS	6	60	65	58	60	63	58

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MINING

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	2	2	40	22	38	7327
No. Examinees Passing	1	1	17	13	23	4477
% Examinees Passing	50%	50%	43%	59%	61%	61%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	45	45	61	57	58	58
COMPUTERS	7	50	50	49	55	53	55
DYNAMICS	9	56	56	64	62	64	61
ELECTRICAL CIRCUITS	12	46	46	41	52	51	50
ENGINEERING ECON	5	60	60	68	66	65	63
ETHICS	5	50	50	65	66	67	65
FLUID MECHANICS	8	50	50	48	56	55	50
MAT SCI/STR MATTER	8	44	44	59	58	56	57
MATHEMATICS	24	35	35	50	61	62	59
MECH OF MATERIALS	8	69	69	50	55	53	55
STATICS	12	38	38	50	56	57	56
THERMODYNAMICS	11	50	50	44	57	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	33	33	40	37	40	45
CHEMISTRY	5	30	30	37	44	38	37
COMPUTERS	3	50	50	59	61	62	58
DYNAMICS	5	50	50	36	34	34	36
ENGINRING ECONOMICS	3	50	50	60	56	57	56
ETHICS	3	67	67	68	77	75	67
FLUID MECHANICS	4	75	75	48	51	49	44
MATHEMATICS	12	46	46	48	55	60	59
MAT SCI/STR MATTER	3	50	50	48	50	46	47
MECH OF MATERIALS	4	50	50	28	28	29	34
STATICS	6	58	58	44	56	54	52
THERMODYNAMICS	6	42	42	40	39	39	39

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: CHEMICAL

Name of Institution: University of Louisville  
 PM Examination Selected: GENERAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	1	382	3	38	7327
No. Examinees Passing	0	0	257	0	23	4477
% Examinees Passing	0%	0%	67%	0%	61%	61%

	Number of Exam Questions	Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct	Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct
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AM Subject (1 point each)

CHEMISTRY	11	73	73	79	61	58	58
COMPUTERS	7	14	14	57	29	53	55
DYNAMICS	9	78	78	63	63	64	61
ELECTRICAL CIRCUITS	12	42	42	50	39	51	50
ENGINEERING ECON	5	20	20	67	40	65	63
ETHICS	5	80	80	66	73	67	65
FLUID MECHANICS	8	0	0	51	29	55	50
MAT SCI/STR MATTER	8	38	38	64	33	56	57
MATHEMATICS	24	38	38	61	44	62	59
MECH OF MATERIALS	8	25	25	44	33	53	55
STATICS	12	25	25	50	42	57	56
THERMODYNAMICS	11	45	45	62	30	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	17	17	44	22	40	45
CHEMISTRY	5	20	20	54	27	38	37
COMPUTERS	3	33	33	60	33	62	58
DYNAMICS	5	0	0	35	20	34	36
ENGINRING ECONOMICS	3	33	33	56	44	57	56
ETHICS	3	33	33	67	67	75	67
FLUID MECHANICS	4	25	25	47	42	49	44
MATHEMATICS	12	42	42	63	58	60	59
MAT SCI/STR MATTER	3	0	0	46	11	46	47
MECH OF MATERIALS	4	75	75	27	25	29	34
STATICS	6	33	33	37	44	54	52
THERMODYNAMICS	6	17	17	47	11	39	39

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: CIVIL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	11	55	2654	12	57	2803
No. Examinees Passing	7	35	1786	8	37	1877
% Examinees Passing	64%	64%	67%	67%	65%	67%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	61	61	57	59	61	57
COMPUTERS	7	57	56	51	57	56	51
DYNAMICS	9	60	65	59	59	64	59
ELECTRICAL CIRCUITS	12	45	35	38	44	35	38
ENGINEERING ECON	5	64	63	66	65	62	66
ETHICS	5	65	68	65	65	68	65
FLUID MECHANICS	8	51	55	53	49	55	52
MAT SCI/STR MATTER	8	48	56	57	47	56	57
MATHEMATICS	24	60	59	54	59	59	54
MECH OF MATERIALS	8	45	56	59	45	55	59
STATICS	12	55	58	57	56	58	57
THERMODYNAMICS	11	42	47	41	42	48	41

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	36	44	40	36	44	40
COMP & NUM METHODS	6	56	50	49	54	49	49
ENVIRONMENTAL ENGR	6	56	54	53	56	53	54
HYDRAUL/HYDROLOG SYS	6	65	58	55	67	59	55
LEGAL & PROF ASPECTS	3	73	76	73	69	76	73
STRUCTURAL ANALYSIS	6	58	60	61	57	60	61
STRUCTURAL DESIGN	6	42	35	44	43	35	44
SOIL MECH & FOUNDAT	6	53	52	52	53	52	52
SURVEYING	6	53	47	42	51	46	42
TRANS FACILITIES	6	52	45	48	50	46	47
WATER PUR & TREAT	6	35	47	46	35	47	46

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: CIVIL

Name of Institution: University of Louisville  
 PM Examination Selected: GENERAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	2	10	2413	3	38	7327
No. Examinees Passing	0	4	1175	0	23	4477
% Examinees Passing	0%	40%	49%	0%	61%	61%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	55	54	54	61	58	58
COMPUTERS	7	36	53	49	29	53	55
DYNAMICS	9	56	61	57	63	64	61
ELECTRICAL CIRCUITS	12	38	40	41	39	51	50
ENGINEERING ECON	5	50	62	61	40	65	63
ETHICS	5	70	62	64	73	67	65
FLUID MECHANICS	8	44	58	48	29	55	50
MAT SCI/STR MATTER	8	31	50	51	33	56	57
MATHEMATICS	24	48	55	55	44	62	59
MECH OF MATERIALS	8	38	46	56	33	53	55
STATICS	12	50	49	55	42	57	56
THERMODYNAMICS	11	23	45	40	30	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	25	28	38	22	40	45
CHEMISTRY	5	30	50	35	27	38	37
COMPUTERS	3	33	60	51	33	62	58
DYNAMICS	5	30	28	34	20	34	36
ENGINRING ECONOMICS	3	50	53	56	44	57	56
ETHICS	3	83	77	66	67	75	67
FLUID MECHANICS	4	50	35	43	42	49	44
MATHEMATICS	12	67	53	56	58	60	59
MAT SCI/STR MATTER	3	17	47	44	11	46	47
MECH OF MATERIALS	4	0	13	34	25	29	34
STATICS	6	50	63	53	44	54	52
THERMODYNAMICS	6	8	28	34	11	39	39

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
Subject Matter Report by Major/All Majors Combined  
Including State and National Norms for Each  
Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
All Examinees

Board: KENTUCKY  
Major: ELECTRICAL

Name of Institution: University of Louisville  
PM Examination Selected: ELECTRICAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	5	8	1079	5	9	1178
No. Examinees Passing	5	8	781	5	8	857
% Examinees Passing	100%	100%	72%	100%	89%	73%

  

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	40	47	55	40	42	55
COMPUTERS	7	80	70	71	80	70	72
DYNAMICS	9	49	50	58	49	46	58
ELECTRICAL CIRCUITS	12	77	71	70	77	71	70
ENGINEERING ECON	5	72	65	61	72	60	61
ETHICS	5	56	63	65	56	62	65
FLUID MECHANICS	8	38	38	39	38	33	39
MAT SCI/STR MATTER	8	53	63	54	53	61	54
MATHEMATICS	24	68	67	64	68	66	64
MECH OF MATERIALS	8	38	36	39	38	32	39
STATICS	12	52	55	51	52	51	51
THERMODYNAMICS	11	40	36	41	40	34	41

PM Subject (2 points each)

ANALOG ELEC CIRCUITS	6	43	46	48	43	46	48
CONT SYS THEORY ANAL	6	37	35	42	37	33	41
COMP HARDWR ENGINRNG	3	53	46	42	53	48	43
COMP & NUM METHODS	3	40	54	37	40	52	37
COMP SOFTWR ENGINRNG	3	87	75	64	87	67	65
COMM THEORY	6	40	38	48	40	39	48
DIGITAL SYSTEMS	6	77	69	67	77	69	68
ELECTRO THEORY & APP	6	40	50	44	40	48	44
INSTRUMENTATION	3	20	29	46	20	26	45
NETWORK ANALYSIS	6	43	40	41	43	39	41
POWER SYSTEMS	3	40	54	44	40	52	43
SIGNAL PROCESSING	3	20	33	36	20	30	36
SOLID ST ELEC & DEV	6	47	44	54	47	41	54



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Report 6  
 Subject Matter Report by Major/All Majors Combined  
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 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MATERIALS

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	2	33	12	57	2803
No. Examinees Passing	1	2	23	8	37	1877
% Examinees Passing	100%	100%	70%	67%	65%	67%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	36	68	59	59	61	57
COMPUTERS	7	57	64	52	57	56	51
DYNAMICS	9	56	50	54	59	64	59
ELECTRICAL CIRCUITS	12	33	29	36	44	35	38
ENGINEERING ECON	5	80	50	64	65	62	66
ETHICS	5	60	60	60	65	68	65
FLUID MECHANICS	8	25	56	57	49	55	52
MAT SCI/STR MATTER	8	38	63	56	47	56	57
MATHEMATICS	24	54	63	56	59	59	54
MECH OF MATERIALS	8	38	44	62	45	55	59
STATICS	12	58	63	59	56	58	57
THERMODYNAMICS	11	45	59	41	42	48	41

PM Subject (2 points each)

CONSTRUCTION MGMT	3	33	50	42	36	44	40
COMP & NUM METHODS	6	33	33	52	54	49	49
ENVIRONMENTAL ENGR	6	50	42	54	56	53	54
HYDRAUL/HYDROLOG SYS	6	83	67	56	67	59	55
LEGAL & PROF ASPECTS	3	33	67	75	69	76	73
STRUCTURAL ANALYSIS	6	50	58	65	57	60	61
STRUCTURAL DESIGN	6	50	33	39	43	35	44
SOIL MECH & FOUNDAT	6	50	50	52	53	52	52
SURVEYING	6	33	42	42	51	46	42
TRANS FACILITIES	6	33	50	44	50	46	47
WATER PUR & TREAT	6	33	50	56	35	47	46

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MECHANICAL

Name of Institution: University of Louisville  
 PM Examination Selected: MECHANICAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	7	13	779	7	14	824
No. Examinees Passing	6	11	622	6	11	655
% Examinees Passing	86%	85%	80%	86%	79%	79%

  

Number of Exam Questions	Special			Special		
	Code	State	Nat'l	Code	State	Nat'l
	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

	Special Code	State	Nat'l	Special Code	State	Nat'l	
CHEMISTRY	11	68	66	59	68	64	59
COMPUTERS	7	51	59	59	51	57	59
DYNAMICS	9	84	85	70	84	80	70
ELECTRICAL CIRCUITS	12	58	63	56	58	63	56
ENGINEERING ECON	5	74	66	64	74	66	64
ETHICS	5	69	66	66	69	67	66
FLUID MECHANICS	8	71	61	58	71	59	58
MAT SCI/STR MATTER	8	68	64	67	68	63	67
MATHEMATICS	24	74	71	62	74	68	62
MECH OF MATERIALS	8	77	74	64	77	71	63
STATICS	12	71	69	62	71	67	62
THERMODYNAMICS	11	69	65	61	69	62	61

PM Subject (2 points each)

	Special Code	State	Nat'l	Special Code	State	Nat'l	
AUTOMATIC CONTROLS	3	43	49	47	43	48	47
COMPUTER	3	43	41	42	43	40	41
MECHANICAL DESIGN	6	79	68	65	79	64	65
DYNAMIC SYSTEMS	6	45	51	42	45	51	42
ENERGY CONVERSION	3	43	46	49	43	50	49
FLUID MECHANICS	6	43	51	49	43	50	49
FANS/PUMPS & COMPR	3	24	28	19	24	26	20
HEAT TRANSFER	6	69	67	56	69	63	56
MEASUREMENT & INSTRU	6	67	65	60	67	67	60
MATL BEHAV & PROCESS	3	48	44	51	48	40	51
REFRIGERATION & HVAC	3	33	31	34	33	31	34
STRESS ANALYSIS	6	33	45	36	33	46	36
THERMODYNAMICS	6	64	65	58	64	63	58

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: AGRICULTURAL

Name of Institution: Other  
 PM Examination Selected: GENERAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	6	120	7	38	7327
No. Examinees Passing	1	6	91	5	23	4477
% Examinees Passing	100%	100%	76%	71%	61%	61%

	Number of Exam Questions	Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct	Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct
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AM Subject (1 point each)

CHEMISTRY	11	73	67	68	52	58	58
COMPUTERS	7	43	55	59	53	53	55
DYNAMICS	9	89	76	66	60	64	61
ELECTRICAL CIRCUITS	12	58	56	54	44	51	50
ENGINEERING ECON	5	20	77	70	69	65	63
ETHICS	5	80	70	68	71	67	65
FLUID MECHANICS	8	75	67	61	61	55	50
MAT SCI/STR MATTER	8	63	63	64	57	56	57
MATHEMATICS	24	79	68	61	67	62	59
MECH OF MATERIALS	8	88	58	61	48	53	55
STATICS	12	83	71	61	60	57	56
THERMODYNAMICS	11	27	65	58	45	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	50	47	50	45	40	45
CHEMISTRY	5	40	33	38	34	38	37
COMPUTERS	3	100	72	65	71	62	58
DYNAMICS	5	20	37	37	29	34	36
ENGINEERING ECONOMICS	3	67	61	61	57	57	56
ETHICS	3	67	78	76	62	75	67
FLUID MECHANICS	4	25	63	50	54	49	44
MATHEMATICS	12	67	54	57	64	60	59
MAT SCI/STR MATTER	3	67	56	52	38	46	47
MECH OF MATERIALS	4	75	46	33	32	29	34
STATICS	6	67	56	61	43	54	52
THERMODYNAMICS	6	0	44	45	43	39	39

National Council of Examiners for Engineering and Surveying (NCEES)  
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 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: CIVIL

Name of Institution: Other  
 PM Examination Selected: CIVIL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	6	55	2654	6	57	2803
No. Examinees Passing	3	35	1786	3	37	1877
% Examinees Passing	50%	64%	67%	50%	65%	67%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	59	61	57	59	61	57
COMPUTERS	7	40	56	51	40	56	51
DYNAMICS	9	56	65	59	56	64	59
ELECTRICAL CIRCUITS	12	32	35	38	32	35	38
ENGINEERING ECON	5	47	63	66	47	62	66
ETHICS	5	73	68	65	73	68	65
FLUID MECHANICS	8	48	55	53	48	55	52
MAT SCI/STR MATTER	8	50	56	57	50	56	57
MATHEMATICS	24	58	59	54	58	59	54
MECH OF MATERIALS	8	46	56	59	46	55	59
STATICS	12	50	58	57	50	58	57
THERMODYNAMICS	11	39	47	41	39	48	41

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	39	44	40	39	44	40
COMP & NUM METHODS	6	42	50	49	42	49	49
ENVIRONMENTAL ENGR	6	50	54	53	50	53	54
HYDRAUL/HYDROLOG SYS	6	50	58	55	50	59	55
LEGAL & PROF ASPECTS	3	61	76	73	61	76	73
STRUCTURAL ANALYSIS	6	67	60	61	67	60	61
STRUCTURAL DESIGN	6	42	35	44	42	35	44
SOIL MECH & FOUNDAT	6	39	52	52	39	52	52
SURVEYING	6	36	47	42	36	46	42
TRANS FACILITIES	6	36	45	48	36	46	47
WATER PUR & TREAT	6	50	47	46	50	47	46

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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY Name of Institution: Other  
 Major: ENGINEERING MECHANICS PM Examination Selected: MECHANICAL

---Specified Major Only--- --All Majors Combined---

	Specified Major Only			All Majors Combined		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	1	13	1	14	824
No. Examinees Passing	0	0	9	0	11	655
% Examinees Passing	0%	0%	69%	0%	79%	79%

	Number of Exam Questions	Specified Major Only			All Majors Combined		
		Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct	Special Code Average Percent Correct	State Average Percent Correct	Nat'l Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	36	36	57	36	64	59
COMPUTERS	7	29	29	64	29	57	59
DYNAMICS	9	22	22	63	22	80	70
ELECTRICAL CIRCUITS	12	58	58	58	58	63	56
ENGINEERING ECON	5	60	60	51	60	66	64
ETHICS	5	80	80	65	80	67	66
FLUID MECHANICS	8	38	38	59	38	59	58
MAT SCI/STR MATTER	8	50	50	70	50	63	67
MATHEMATICS	24	29	29	59	29	68	62
MECH OF MATERIALS	8	25	25	59	25	71	63
STATICS	12	42	42	60	42	67	62
THERMODYNAMICS	11	27	27	61	27	62	61

PM Subject (2 points each)

AUTOMATIC CONTROLS	3	33	33	51	33	48	47
COMPUTER	3	33	33	46	33	40	41
MECHANICAL DESIGN	6	17	17	62	17	64	65
DYNAMIC SYSTEMS	6	50	50	50	50	51	42
ENERGY CONVERSION	3	100	100	67	100	50	49
FLUID MECHANICS	6	33	33	46	33	50	49
FANS/PUMPS & COMPR	3	0	0	28	0	26	20
HEAT TRANSFER	6	17	17	49	17	63	56
MEASUREMENT & INSTRU	6	83	83	67	83	67	60
MATL BEHAV & PROCESS	3	0	0	41	0	40	51
REFRIGERATION & HVAC	3	33	33	33	33	31	34
STRESS ANALYSIS	6	67	67	47	67	46	36
THERMODYNAMICS	6	33	33	58	33	63	58

National Council of Examiners for Engineering and Surveying (NCEES)  
 Fundamentals of Engineering Examination  
 OCTOBER 2002 Administration

Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: ENVIRONMENTAL

Name of Institution: Other  
 PM Examination Selected: GENERAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	1	173	7	38	7327
No. Examinees Passing	0	0	103	5	23	4477
% Examinees Passing	0%	0%	60%	71%	61%	61%

  

	Number of Exam Questions	Specified Major Only			All Majors Combined		
		Special Code	State	Nat'l	Special Code	State	Nat'l
		Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

	Number of Exam Questions	Special Code	State	Nat'l	Special Code	State	Nat'l
CHEMISTRY	11	36	36	69	52	58	58
COMPUTERS	7	71	71	52	53	53	55
DYNAMICS	9	56	56	59	60	64	61
ELECTRICAL CIRCUITS	12	17	17	45	44	51	50
ENGINEERING ECON	5	100	100	66	69	65	63
ETHICS	5	60	60	66	71	67	65
FLUID MECHANICS	8	38	38	53	61	55	50
MAT SCI/STR MATTER	8	25	25	60	57	56	57
MATHEMATICS	24	58	58	57	67	62	59
MECH OF MATERIALS	8	25	25	48	48	53	55
STATICS	12	50	50	54	60	57	56
THERMODYNAMICS	11	27	27	51	45	53	49

PM Subject (2 points each)

	Number of Exam Questions	Special Code	State	Nat'l	Special Code	State	Nat'l
ELECTRICAL CIRCUITS	6	50	50	40	45	40	45
CHEMISTRY	5	40	40	45	34	38	37
COMPUTERS	3	33	33	59	71	62	58
DYNAMICS	5	60	60	33	29	34	36
ENGINEERING ECONOMICS	3	67	67	60	57	57	56
ETHICS	3	33	33	69	62	75	67
FLUID MECHANICS	4	25	25	47	54	49	44
MATHEMATICS	12	25	25	57	64	60	59
MAT SCI/STR MATTER	3	0	0	44	38	46	47
MECH OF MATERIALS	4	50	50	28	32	29	34
STATICS	6	17	17	42	43	54	52
THERMODYNAMICS	6	17	17	40	43	39	39



National Council of Examiners for Engineering and Surveying (NCEES)  
 Fundamentals of Engineering Examination  
 OCTOBER 2002 Administration

Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MECHANICAL

Name of Institution: Other  
 PM Examination Selected: GENERAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	5	12	2011	7	38	7327
No. Examinees Passing	4	9	1568	5	23	4477
% Examinees Passing	80%	75%	78%	71%	61%	61%

  

	Number of Exam Questions	Special Code	State Average Percent Correct	Nat'l Average Percent Correct	Special Code	State Average Percent Correct	Nat'l Average Percent Correct
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AM Subject (1 point each)

CHEMISTRY	11	51	56	59	52	58	58
COMPUTERS	7	51	50	58	53	53	55
DYNAMICS	9	56	65	69	60	64	61
ELECTRICAL CIRCUITS	12	47	56	56	44	51	50
ENGINEERING ECON	5	72	67	65	69	65	63
ETHICS	5	72	72	65	71	67	65
FLUID MECHANICS	8	63	54	56	61	55	50
MAT SCI/STR MATTER	8	63	69	64	57	56	57
MATHEMATICS	24	67	70	63	67	62	59
MECH OF MATERIALS	8	45	59	62	48	53	55
STATICS	12	57	60	62	60	57	56
THERMODYNAMICS	11	53	57	61	45	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	43	46	49	45	40	45
CHEMISTRY	5	32	38	36	34	38	37
COMPUTERS	3	73	64	63	71	62	58
DYNAMICS	5	24	33	39	29	34	36
ENGINEERING ECONOMICS	3	53	61	57	57	57	56
ETHICS	3	67	75	69	62	75	67
FLUID MECHANICS	4	65	58	47	54	49	44
MATHEMATICS	12	72	71	62	64	60	59
MAT SCI/STR MATTER	3	40	50	56	38	46	47
MECH OF MATERIALS	4	20	27	39	32	29	34
STATICS	6	43	57	62	43	54	52
THERMODYNAMICS	6	57	49	46	43	39	39





National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MECHANICAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	3	12	2011	3	38	7327
No. Examinees Passing	2	9	1568	2	23	4477
% Examinees Passing	67%	75%	78%	67%	61%	61%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	64	56	59	64	58	58
COMPUTERS	7	43	50	58	43	53	55
DYNAMICS	9	81	65	69	81	64	61
ELECTRICAL CIRCUITS	12	61	56	56	61	51	50
ENGINEERING ECON	5	73	67	65	73	65	63
ETHICS	5	60	72	65	60	67	65
FLUID MECHANICS	8	42	54	56	42	55	50
MAT SCI/STR MATTER	8	67	69	64	67	56	57
MATHEMATICS	24	65	70	63	65	62	59
MECH OF MATERIALS	8	63	59	62	63	53	55
STATICS	12	64	60	62	64	57	56
THERMODYNAMICS	11	48	57	61	48	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	50	46	49	50	40	45
CHEMISTRY	5	27	38	36	27	38	37
COMPUTERS	3	56	64	63	56	62	58
DYNAMICS	5	47	33	39	47	34	36
ENGINRING ECONOMICS	3	56	61	57	56	57	56
ETHICS	3	89	75	69	89	75	67
FLUID MECHANICS	4	42	58	47	42	49	44
MATHEMATICS	12	67	71	62	67	60	59
MAT SCI/STR MATTER	3	56	50	56	56	46	47
MECH OF MATERIALS	4	25	27	39	25	29	34
STATICS	6	72	57	62	72	54	52
THERMODYNAMICS	6	39	49	46	39	39	39

National Council of Examiners for Engineering and Surveying (NCEES)  
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Report 6  
 Subject Matter Report by Major/All Majors Combined  
 Including State and National Norms for Each  
 Based On Particular PM Examination Selected

ABET Accredited Engineering Program Examinees  
 All Examinees

Board: KENTUCKY  
 Major: MECHANICAL

Name of Institution: Paducah-UK Extended Campus  
 PM Examination Selected: MECHANICAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	13	779	1	14	824
No. Examinees Passing	1	11	622	1	11	655
% Examinees Passing	100%	85%	80%	100%	79%	79%

	Special Code	State	Nat'l	Special Code	State	Nat'l
Number of Exam Questions	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct	Average Percent Correct

AM Subject (1 point each)

CHEMISTRY	11	55	66	59	55	64	59
COMPUTERS	7	71	59	59	71	57	59
DYNAMICS	9	89	85	70	89	80	70
ELECTRICAL CIRCUITS	12	83	63	56	83	63	56
ENGINEERING ECON	5	40	66	64	40	66	64
ETHICS	5	40	66	66	40	67	66
FLUID MECHANICS	8	38	61	58	38	59	58
MAT SCI/STR MATTER	8	63	64	67	63	63	67
MATHEMATICS	24	63	71	62	63	68	62
MECH OF MATERIALS	8	75	74	64	75	71	63
STATICS	12	75	69	62	75	67	62
THERMODYNAMICS	11	64	65	61	64	62	61

PM Subject (2 points each)

AUTOMATIC CONTROLS	3	33	49	47	33	48	47
COMPUTER	3	67	41	42	67	40	41
MECHANICAL DESIGN	6	100	68	65	100	64	65
DYNAMIC SYSTEMS	6	83	51	42	83	51	42
ENERGY CONVERSION	3	100	46	49	100	50	49
FLUID MECHANICS	6	83	51	49	83	50	49
FANS/PUMPS & COMPR	3	33	28	19	33	26	20
HEAT TRANSFER	6	83	67	56	83	63	56
MEASUREMENT & INSTRU	6	67	65	60	67	67	60
MATL BEHAV & PROCESS	3	33	44	51	33	40	51
REFRIGERATION & HVAC	3	0	31	34	0	31	34
STRESS ANALYSIS	6	83	45	36	83	46	36
THERMODYNAMICS	6	100	65	58	100	63	58