

National Council of Examiners for Engineering and Surveying (NCEES)
 Fundamentals of Engineering Examination
 APRIL 2003 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	5	194	57	77	10863
No. Examinees Passing	5	5	154	37	52	7778
% Examinees Passing	100%	100%	79%	65%	68%	72%

	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	71	71	74	69	68	70
COMPUTERS	7	83	83	56	62	60	58
DYNAMICS	9	56	56	59	60	61	62
ELECTRICAL CIRCUITS	12	62	62	48	56	52	49
ENGINEERING ECON	5	56	56	57	52	50	56
ETHICS	5	76	76	75	75	75	73
FLUID MECHANICS	8	63	63	53	46	47	47
MAT SCI/STR MATTER	8	50	50	48	48	50	51
MATHEMATICS	24	65	65	58	64	65	62
MECH OF MATERIALS	8	58	58	52	56	54	52
STATICS	12	63	63	49	53	52	50
THERMODYNAMICS	11	60	60	52	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	47	47	41	47	43	42
CHEMISTRY	5	48	48	51	52	52	50
COMPUTERS	3	93	93	80	78	77	74
DYNAMICS	5	20	20	36	34	37	36
ENGINEERING ECONOMICS	3	40	40	51	40	41	51
ETHICS	3	73	73	65	67	66	64
FLUID MECHANICS	4	50	50	45	43	42	41
MATHEMATICS	12	43	43	46	49	48	47
MAT SCI/STR MATTER	3	67	67	64	65	66	61
MECH OF MATERIALS	4	15	15	23	23	23	25
STATICS	6	53	53	51	52	51	49
THERMODYNAMICS	6	50	50	41	40	41	41

National Council of Examiners for Engineering and Surveying (NCEES)
 Fundamentals of Engineering Examination
 APRIL 2003 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: 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	4	781	1	4	795
No. Examinees Passing	1	3	664	1	3	673
% Examinees Passing	100%	75%	85%	100%	75%	85%

	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	82	87	73	82	87
COMPUTERS	7	43	50	62	43	50	62
DYNAMICS	9	56	53	60	56	53	60
ELECTRICAL CIRCUITS	12	17	46	48	17	46	48
ENGINEERING ECON	5	60	60	65	60	60	65
ETHICS	5	100	80	77	100	80	77
FLUID MECHANICS	8	63	50	54	63	50	54
MAT SCI/STR MATTER	8	63	63	56	63	63	56
MATHEMATICS	24	50	51	66	50	51	66
MECH OF MATERIALS	8	13	38	41	13	38	41
STATICS	12	42	27	41	42	27	42
THERMODYNAMICS	11	64	64	65	64	64	64

PM Subject (2 points each)

COMP & NUM METHODS	3	33	25	71	33	25	71
CHEM REACTION ENGR	6	33	46	61	33	46	61
CHEM THERMODYNAMICS	6	67	46	50	67	46	50
PROCESS EQUIP DESIGN	3	67	50	56	67	50	56
HEAT TRANSFER	6	17	29	50	17	29	50
MAT/ENERGY BALANCES	9	56	50	53	56	50	53
MASS TRANSFER	6	50	33	57	50	33	57
PROCESS CONTROL	3	33	42	47	33	42	47
PROC DSGN/ECON EVAL	6	50	38	49	50	38	49
POLLUTION PREVENTION	3	100	58	62	100	58	62
PROCESS SAFETY	3	67	17	59	67	17	59
TRANSPORT PHENOMENA	6	33	29	45	33	29	45

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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 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	3	526	57	77	10863
No. Examinees Passing	2	3	409	37	52	7778
% Examinees Passing	100%	100%	78%	65%	68%	72%

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	95	94	86	69	68	70
COMPUTERS	7	79	76	60	62	60	58
DYNAMICS	9	78	78	59	60	61	62
ELECTRICAL CIRCUITS	12	79	78	49	56	52	49
ENGINEERING ECON	5	70	67	61	52	50	56
ETHICS	5	70	73	75	75	75	73
FLUID MECHANICS	8	56	63	51	46	47	47
MAT SCI/STR MATTER	8	56	63	54	48	50	51
MATHEMATICS	24	79	76	66	64	65	62
MECH OF MATERIALS	8	44	50	41	56	54	52
STATICS	12	46	44	41	53	52	50
THERMODYNAMICS	11	68	76	60	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	67	56	37	47	43	42
CHEMISTRY	5	80	73	58	52	52	50
COMPUTERS	3	83	89	81	78	77	74
DYNAMICS	5	20	27	31	34	37	36
ENGINEERING ECONOMICS	3	67	78	56	40	41	51
ETHICS	3	67	56	65	67	66	64
FLUID MECHANICS	4	63	50	48	43	42	41
MATHEMATICS	12	63	64	48	49	48	47
MAT SCI/STR MATTER	3	83	78	64	65	66	61
MECH OF MATERIALS	4	13	17	23	23	23	25
STATICS	6	58	50	44	52	51	49
THERMODYNAMICS	6	67	61	48	40	41	41

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Report 6
 Subject Matter Report by Major/All Majors Combined
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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	41	80	3579	42	83	3754
No. Examinees Passing	33	60	2447	34	63	2545
% Examinees Passing	80%	75%	68%	81%	76%	68%

	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	69	68	68	69	69	67
COMPUTERS	7	56	54	52	57	55	52
DYNAMICS	9	54	57	56	54	58	56
ELECTRICAL CIRCUITS	12	29	33	35	30	33	35
ENGINEERING ECON	5	58	55	56	58	55	56
ETHICS	5	80	78	74	81	78	74
FLUID MECHANICS	8	53	52	48	54	52	48
MAT SCI/STR MATTER	8	43	43	47	43	43	47
MATHEMATICS	24	58	58	56	59	59	55
MECH OF MATERIALS	8	51	51	52	51	51	52
STATICS	12	55	54	52	56	54	52
THERMODYNAMICS	11	47	45	40	48	45	40

PM Subject (2 points each)

CONSTRUCTION MGMT	3	66	54	42	66	54	42
COMP & NUM METHODS	6	39	39	41	39	39	41
ENVIRONMENTAL ENGR	6	67	66	64	67	66	64
HYDRAUL/HYDROLOG SYS	6	55	57	57	55	57	57
LEGAL & PROF ASPECTS	3	73	68	68	72	68	68
STRUCTURAL ANALYSIS	6	44	43	45	44	44	45
STRUCTURAL DESIGN	6	39	38	43	38	37	42
SOIL MECH & FOUNDAT	6	46	50	46	46	50	45
SURVEYING	6	52	49	45	53	49	45
TRANS FACILITIES	6	45	41	40	45	41	40
WATER PUR & TREAT	6	48	53	49	48	53	48

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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	13	16	2943	57	77	10863
No. Examinees Passing	5	5	1717	37	52	7778
% Examinees Passing	38%	31%	58%	65%	68%	72%

	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	70	67	66	69	68	70
COMPUTERS	7	62	56	52	62	60	58
DYNAMICS	9	49	47	57	60	61	62
ELECTRICAL CIRCUITS	12	33	31	39	56	52	49
ENGINEERING ECON	5	51	49	54	52	50	56
ETHICS	5	74	74	72	75	75	73
FLUID MECHANICS	8	43	41	46	46	47	47
MAT SCI/STR MATTER	8	41	39	46	48	50	51
MATHEMATICS	24	54	52	59	64	65	62
MECH OF MATERIALS	8	52	49	53	56	54	52
STATICS	12	48	46	51	53	52	50
THERMODYNAMICS	11	41	41	41	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	37	31	34	47	43	42
CHEMISTRY	5	46	46	48	52	52	50
COMPUTERS	3	82	77	68	78	77	74
DYNAMICS	5	29	29	34	34	37	36
ENGINEERING ECONOMICS	3	31	29	51	40	41	51
ETHICS	3	79	77	63	67	66	64
FLUID MECHANICS	4	42	36	38	43	42	41
MATHEMATICS	12	37	34	42	49	48	47
MAT SCI/STR MATTER	3	67	58	55	65	66	61
MECH OF MATERIALS	4	17	17	24	23	23	25
STATICS	6	49	46	47	52	51	49
THERMODYNAMICS	6	32	33	37	40	41	41

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Report 6
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ABET Accredited Engineering Program Examinees
 All Examinees

Board: KENTUCKY
 Major: CONSTRUCTION

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	1	34	42	83	3754
No. Examinees Passing	1	1	21	34	63	2545
% Examinees Passing	100%	100%	62%	81%	76%	68%

	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	62	69	69	67
COMPUTERS	7	71	71	47	57	55	52
DYNAMICS	9	67	67	51	54	58	56
ELECTRICAL CIRCUITS	12	58	58	33	30	33	35
ENGINEERING ECON	5	80	80	58	58	55	56
ETHICS	5	100	100	72	81	78	74
FLUID MECHANICS	8	75	75	51	54	52	48
MAT SCI/STR MATTER	8	63	63	47	43	43	47
MATHEMATICS	24	71	71	49	59	59	55
MECH OF MATERIALS	8	50	50	51	51	51	52
STATICS	12	58	58	50	56	54	52
THERMODYNAMICS	11	73	73	41	48	45	40

PM Subject (2 points each)

CONSTRUCTION MGMT	3	67	67	50	66	54	42
COMP & NUM METHODS	6	33	33	35	39	39	41
ENVIRONMENTAL ENGR	6	83	83	57	67	66	64
HYDRAUL/HYDROLOG SYS	6	50	50	57	55	57	57
LEGAL & PROF ASPECTS	3	33	33	72	72	68	68
STRUCTURAL ANALYSIS	6	50	50	50	44	44	45
STRUCTURAL DESIGN	6	17	17	46	38	37	42
SOIL MECH & FOUNDAT	6	83	83	42	46	50	45
SURVEYING	6	83	83	46	53	49	45
TRANS FACILITIES	6	50	50	43	45	41	40
WATER PUR & TREAT	6	50	50	33	48	53	48

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Report 6
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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	1	9	1753	1	9	2003
No. Examinees Passing	1	7	1385	1	7	1582
% Examinees Passing	100%	78%	79%	100%	78%	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	100	70	69	100	70	70
COMPUTERS	7	100	71	70	100	71	71
DYNAMICS	9	78	63	58	78	63	58
ELECTRICAL CIRCUITS	12	92	69	70	92	69	69
ENGINEERING ECON	5	80	69	57	80	69	58
ETHICS	5	60	69	75	60	69	75
FLUID MECHANICS	8	38	32	38	38	32	38
MAT SCI/STR MATTER	8	38	44	43	38	44	43
MATHEMATICS	24	88	64	67	88	64	67
MECH OF MATERIALS	8	38	43	40	38	43	40
STATICS	12	67	39	42	67	39	42
THERMODYNAMICS	11	73	41	43	73	41	42

PM Subject (2 points each)

ANALOG ELEC CIRCUITS	6	50	30	37	50	30	37
CONT SYS THEORY ANAL	6	100	50	56	100	50	55
COMP HARDWR ENGINRNG	3	100	70	52	100	70	54
COMP & NUM METHODS	3	67	33	34	67	33	35
COMP SOFTWR ENGINRNG	3	100	63	61	100	63	62
COMM THEORY	6	50	37	34	50	37	34
DIGITAL SYSTEMS	6	100	57	61	100	57	62
ELECTRO THEORY & APP	6	67	44	49	67	44	49
INSTRUMENTATION	3	33	30	41	33	30	42
NETWORK ANALYSIS	6	67	31	39	67	31	39
POWER SYSTEMS	3	100	37	35	100	37	34
SIGNAL PROCESSING	3	33	37	31	33	37	31
SOLID ST ELEC & DEV	6	83	54	49	83	54	49

National Council of Examiners for Engineering and Surveying (NCEES)
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Report 6
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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	5	5	1038	57	77	10863
No. Examinees Passing	2	2	651	37	52	7778
% Examinees Passing	40%	40%	63%	65%	68%	72%

	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	60	60	65	69	68	70
COMPUTERS	7	49	49	62	62	60	58
DYNAMICS	9	47	47	55	60	61	62
ELECTRICAL CIRCUITS	12	63	63	65	56	52	49
ENGINEERING ECON	5	32	32	51	52	50	56
ETHICS	5	60	60	72	75	75	73
FLUID MECHANICS	8	23	23	35	46	47	47
MAT SCI/STR MATTER	8	38	38	39	48	50	51
MATHEMATICS	24	49	49	61	64	65	62
MECH OF MATERIALS	8	33	33	40	56	54	52
STATICS	12	42	42	39	53	52	50
THERMODYNAMICS	11	38	38	40	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	43	43	54	47	43	42
CHEMISTRY	5	48	48	48	52	52	50
COMPUTERS	3	60	60	68	78	77	74
DYNAMICS	5	44	44	32	34	37	36
ENGINEERING ECONOMICS	3	33	33	51	40	41	51
ETHICS	3	53	53	62	67	66	64
FLUID MECHANICS	4	25	25	29	43	42	41
MATHEMATICS	12	37	37	45	49	48	47
MAT SCI/STR MATTER	3	53	53	50	65	66	61
MECH OF MATERIALS	4	30	30	22	23	23	25
STATICS	6	37	37	40	52	51	49
THERMODYNAMICS	6	27	27	36	40	41	41

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ABET Accredited Engineering Program Examinees
 All Examinees

Board: KENTUCKY
 Major: ENVIRONMENTAL

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	2	206	57	77	10863
No. Examinees Passing	1	1	134	37	52	7778
% Examinees Passing	100%	50%	65%	65%	68%	72%

	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	27	41	77	69	68	70
COMPUTERS	7	29	50	55	62	60	58
DYNAMICS	9	22	28	56	60	61	62
ELECTRICAL CIRCUITS	12	50	29	43	56	52	49
ENGINEERING ECON	5	80	50	56	52	50	56
ETHICS	5	80	80	75	75	75	73
FLUID MECHANICS	8	50	44	49	46	47	47
MAT SCI/STR MATTER	8	38	44	47	48	50	51
MATHEMATICS	24	79	60	59	64	65	62
MECH OF MATERIALS	8	38	25	45	56	54	52
STATICS	12	25	33	44	53	52	50
THERMODYNAMICS	11	27	36	48	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	0	8	35	47	43	42
CHEMISTRY	5	40	30	51	52	52	50
COMPUTERS	3	67	67	76	78	77	74
DYNAMICS	5	0	20	32	34	37	36
ENGINEERING ECONOMICS	3	67	50	52	40	41	51
ETHICS	3	33	33	63	67	66	64
FLUID MECHANICS	4	50	50	43	43	42	41
MATHEMATICS	12	33	42	45	49	48	47
MAT SCI/STR MATTER	3	67	67	54	65	66	61
MECH OF MATERIALS	4	25	25	25	23	23	25
STATICS	6	83	58	43	52	51	49
THERMODYNAMICS	6	67	58	40	40	41	41

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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	2	2	218	57	77	10863
No. Examinees Passing	0	0	151	37	52	7778
% Examinees Passing	0%	0%	69%	65%	68%	72%

	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	70	69	68	70
COMPUTERS	7	43	43	51	62	60	58
DYNAMICS	9	67	67	62	60	61	62
ELECTRICAL CIRCUITS	12	29	29	46	56	52	49
ENGINEERING ECON	5	50	50	53	52	50	56
ETHICS	5	90	90	72	75	75	73
FLUID MECHANICS	8	31	31	44	46	47	47
MAT SCI/STR MATTER	8	31	31	55	48	50	51
MATHEMATICS	24	42	42	61	64	65	62
MECH OF MATERIALS	8	25	25	52	56	54	52
STATICS	12	29	29	49	53	52	50
THERMODYNAMICS	11	32	32	48	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	33	33	44	47	43	42
CHEMISTRY	5	60	60	53	52	52	50
COMPUTERS	3	67	67	72	78	77	74
DYNAMICS	5	40	40	37	34	37	36
ENGINRING ECONOMICS	3	33	33	47	40	41	51
ETHICS	3	33	33	65	67	66	64
FLUID MECHANICS	4	50	50	39	43	42	41
MATHEMATICS	12	42	42	43	49	48	47
MAT SCI/STR MATTER	3	100	100	63	65	66	61
MECH OF MATERIALS	4	13	13	24	23	23	25
STATICS	6	25	25	51	52	51	49
THERMODYNAMICS	6	33	33	41	40	41	41

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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 Kentucky
 PM Examination Selected: GENERAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	26	41	3679	57	77	10863
No. Examinees Passing	22	36	3074	37	52	7778
% Examinees Passing	85%	88%	84%	65%	68%	72%

	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	72	70	72	69	68	70
COMPUTERS	7	64	60	61	62	60	58
DYNAMICS	9	71	71	68	60	61	62
ELECTRICAL CIRCUITS	12	67	59	53	56	52	49
ENGINEERING ECON	5	52	50	57	52	50	56
ETHICS	5	77	75	74	75	75	73
FLUID MECHANICS	8	53	52	52	46	47	47
MAT SCI/STR MATTER	8	55	56	57	48	50	51
MATHEMATICS	24	75	73	66	64	65	62
MECH OF MATERIALS	8	69	63	57	56	54	52
STATICS	12	61	58	54	53	52	50
THERMODYNAMICS	11	60	60	57	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	57	51	44	47	43	42
CHEMISTRY	5	53	55	51	52	52	50
COMPUTERS	3	83	82	78	78	77	74
DYNAMICS	5	41	43	40	34	37	36
ENGINEERING ECONOMICS	3	44	44	52	40	41	51
ETHICS	3	67	67	65	67	66	64
FLUID MECHANICS	4	47	46	48	43	42	41
MATHEMATICS	12	62	56	50	49	48	47
MAT SCI/STR MATTER	3	65	70	67	65	66	61
MECH OF MATERIALS	4	30	28	27	23	23	25
STATICS	6	57	56	55	52	51	49
THERMODYNAMICS	6	45	44	45	40	41	41

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 Kentucky
 PM Examination Selected: MECHANICAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	16	25	1369	16	25	1449
No. Examinees Passing	15	24	1167	15	24	1220
% Examinees Passing	94%	96%	85%	94%	96%	84%

	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	71	69	71	71	69	71
COMPUTERS	7	60	63	61	60	63	61
DYNAMICS	9	72	71	68	72	71	68
ELECTRICAL CIRCUITS	12	65	62	53	65	62	53
ENGINEERING ECON	5	64	69	58	64	69	57
ETHICS	5	83	80	74	83	80	74
FLUID MECHANICS	8	47	52	53	47	52	52
MAT SCI/STR MATTER	8	55	57	59	55	57	59
MATHEMATICS	24	70	68	64	70	68	64
MECH OF MATERIALS	8	66	62	58	66	62	58
STATICS	12	63	59	55	63	59	54
THERMODYNAMICS	11	59	62	59	59	62	59

PM Subject (2 points each)

AUTOMATIC CONTROLS	3	48	51	46	48	51	46
COMPUTER	3	54	45	52	54	45	51
MECHANICAL DESIGN	6	47	41	43	47	41	43
DYNAMIC SYSTEMS	6	59	61	55	59	61	55
ENERGY CONVERSION	3	63	57	57	63	57	57
FLUID MECHANICS	6	73	74	62	73	74	62
FANS/PUMPS & COMPR	3	29	35	45	29	35	44
HEAT TRANSFER	6	55	57	55	55	57	55
MEASUREMENT & INSTRU	6	48	50	44	48	50	44
MATL BEHAV & PROCESS	3	35	35	36	35	35	36
REFRIGERATION & HVAC	3	48	45	45	48	45	44
STRESS ANALYSIS	6	59	60	54	59	60	54
THERMODYNAMICS	6	50	47	49	50	47	49

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	3	3	60	57	77	10863
No. Examinees Passing	0	0	33	37	52	7778
% Examinees Passing	0%	0%	55%	65%	68%	72%

	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	52	52	69	69	68	70
COMPUTERS	7	48	48	51	62	60	58
DYNAMICS	9	37	37	57	60	61	62
ELECTRICAL CIRCUITS	12	33	33	45	56	52	49
ENGINEERING ECON	5	60	60	58	52	50	56
ETHICS	5	87	87	79	75	75	73
FLUID MECHANICS	8	21	21	48	46	47	47
MAT SCI/STR MATTER	8	42	42	48	48	50	51
MATHEMATICS	24	40	40	51	64	65	62
MECH OF MATERIALS	8	38	38	49	56	54	52
STATICS	12	42	42	45	53	52	50
THERMODYNAMICS	11	24	24	41	51	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	17	17	38	47	43	42
CHEMISTRY	5	53	53	46	52	52	50
COMPUTERS	3	22	22	66	78	77	74
DYNAMICS	5	27	27	31	34	37	36
ENGINRING ECONOMICS	3	33	33	56	40	41	51
ETHICS	3	67	67	67	67	66	64
FLUID MECHANICS	4	17	17	33	43	42	41
MATHEMATICS	12	28	28	41	49	48	47
MAT SCI/STR MATTER	3	33	33	55	65	66	61
MECH OF MATERIALS	4	0	0	25	23	23	25
STATICS	6	44	44	49	52	51	49
THERMODYNAMICS	6	22	22	36	40	41	41

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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: CHEMICAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	2	4	781	2	4	795
No. Examinees Passing	2	3	664	2	3	673
% Examinees Passing	100%	75%	85%	100%	75%	85%

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	86	82	87	86	82
COMPUTERS	7	71	50	62	71	50
DYNAMICS	9	56	53	60	56	53
ELECTRICAL CIRCUITS	12	75	46	48	75	46
ENGINEERING ECON	5	60	60	65	60	60
ETHICS	5	70	80	77	70	80
FLUID MECHANICS	8	56	50	54	56	50
MAT SCI/STR MATTER	8	69	63	56	69	63
MATHEMATICS	24	58	51	66	58	51
MECH OF MATERIALS	8	56	38	41	56	38
STATICS	12	17	27	41	17	27
THERMODYNAMICS	11	68	64	65	68	64

PM Subject (2 points each)

	Special Code	State	Nat'l	Special Code	State	Nat'l
COMP & NUM METHODS	3	17	25	71	17	25
CHEM REACTION ENGR	6	50	46	61	50	46
CHEM THERMODYNAMICS	6	42	46	50	42	46
PROCESS EQUIP DESIGN	3	50	50	56	50	50
HEAT TRANSFER	6	50	29	50	50	29
MAT/ENERGY BALANCES	9	56	50	53	56	50
MASS TRANSFER	6	33	33	57	33	33
PROCESS CONTROL	3	50	42	47	50	42
PROC DSGN/ECON EVAL	6	33	38	49	33	38
POLLUTION PREVENTION	3	50	58	62	50	58
PROCESS SAFETY	3	0	17	59	0	17
TRANSPORT PHENOMENA	6	25	29	45	25	29

National Council of Examiners for Engineering and Surveying (NCEES)
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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	19	80	3579	20	83	3754
No. Examinees Passing	14	60	2447	15	63	2545
% Examinees Passing	74%	75%	68%	75%	76%	68%

	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	65	68	68	66	69	67
COMPUTERS	7	50	54	52	51	55	52
DYNAMICS	9	55	57	56	55	58	56
ELECTRICAL CIRCUITS	12	43	33	35	44	33	35
ENGINEERING ECON	5	60	55	56	59	55	56
ETHICS	5	75	78	74	74	78	74
FLUID MECHANICS	8	50	52	48	50	52	48
MAT SCI/STR MATTER	8	49	43	47	49	43	47
MATHEMATICS	24	55	58	56	55	59	55
MECH OF MATERIALS	8	49	51	52	49	51	52
STATICS	12	52	54	52	51	54	52
THERMODYNAMICS	11	41	45	40	41	45	40

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	47	54	42	48	54	42
COMP & NUM METHODS	6	38	39	41	38	39	41
ENVIRONMENTAL ENGR	6	61	66	64	62	66	64
HYDRAUL/HYDROLOG SYS	6	63	57	57	63	57	57
LEGAL & PROF ASPECTS	3	68	68	68	68	68	68
STRUCTURAL ANALYSIS	6	48	43	45	48	44	45
STRUCTURAL DESIGN	6	37	38	43	36	37	42
SOIL MECH & FOUNDAT	6	57	50	46	56	50	45
SURVEYING	6	47	49	45	45	49	45
TRANS FACILITIES	6	39	41	40	40	41	40
WATER PUR & TREAT	6	56	53	49	57	53	48

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 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: 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	1	16	2943	2	77	10863
No. Examinees Passing	0	5	1717	1	52	7778
% Examinees Passing	0%	31%	58%	50%	68%	72%

	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	67	66	73	68	70
COMPUTERS	7	29	56	52	29	60	58
DYNAMICS	9	33	47	57	56	61	62
ELECTRICAL CIRCUITS	12	33	31	39	42	52	49
ENGINEERING ECON	5	60	49	54	60	50	56
ETHICS	5	80	74	72	80	75	73
FLUID MECHANICS	8	50	41	46	50	47	47
MAT SCI/STR MATTER	8	38	39	46	56	50	51
MATHEMATICS	24	42	52	59	58	65	62
MECH OF MATERIALS	8	63	49	53	69	54	52
STATICS	12	33	46	51	46	52	50
THERMODYNAMICS	11	36	41	41	55	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	0	31	34	25	43	42
CHEMISTRY	5	40	46	48	40	52	50
COMPUTERS	3	67	77	68	83	77	74
DYNAMICS	5	0	29	34	40	37	36
ENGINEERING ECONOMICS	3	33	29	51	50	41	51
ETHICS	3	100	77	63	100	66	64
FLUID MECHANICS	4	0	36	38	13	42	41
MATHEMATICS	12	8	34	42	17	48	47
MAT SCI/STR MATTER	3	67	58	55	83	66	61
MECH OF MATERIALS	4	0	17	24	13	23	25
STATICS	6	33	46	47	25	51	49
THERMODYNAMICS	6	67	33	37	67	41	41

National Council of Examiners for Engineering and Surveying (NCEES)
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 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	7	9	1753	7	9	2003
No. Examinees Passing	5	7	1385	5	7	1582
% Examinees Passing	71%	78%	79%	71%	78%	79%

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	69	70	69	69	70	70
COMPUTERS	7	65	71	70	65	71	71
DYNAMICS	9	63	63	58	63	63	58
ELECTRICAL CIRCUITS	12	67	69	70	67	69	69
ENGINEERING ECON	5	77	69	57	77	69	58
ETHICS	5	66	69	75	66	69	75
FLUID MECHANICS	8	27	32	38	27	32	38
MAT SCI/STR MATTER	8	46	44	43	46	44	43
MATHEMATICS	24	61	64	67	61	64	67
MECH OF MATERIALS	8	45	43	40	45	43	40
STATICS	12	36	39	42	36	39	42
THERMODYNAMICS	11	39	41	43	39	41	42

PM Subject (2 points each)

ANALOG ELEC CIRCUITS	6	29	30	37	29	30	37
CONT SYS THEORY ANAL	6	48	50	56	48	50	55
COMP HARDWR ENGINRNG	3	67	70	52	67	70	54
COMP & NUM METHODS	3	29	33	34	29	33	35
COMP SOFTWR ENGINRNG	3	57	63	61	57	63	62
COMM THEORY	6	33	37	34	33	37	34
DIGITAL SYSTEMS	6	48	57	61	48	57	62
ELECTRO THEORY & APP	6	40	44	49	40	44	49
INSTRUMENTATION	3	33	30	41	33	30	42
NETWORK ANALYSIS	6	26	31	39	26	31	39
POWER SYSTEMS	3	29	37	35	29	37	34
SIGNAL PROCESSING	3	38	37	31	38	37	31
SOLID ST ELEC & DEV	6	50	54	49	50	54	49

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ABET Accredited Engineering Program Examinees
 All Examinees

Board: KENTUCKY
 Major: INDUSTRIAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	1	443	1	1	518
No. Examinees Passing	0	0	286	0	0	333
% Examinees Passing	0%	0%	65%	0%	0%	64%

	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	63	64	64	64
COMPUTERS	7	71	71	57	71	71	57
DYNAMICS	9	11	11	51	11	11	52
ELECTRICAL CIRCUITS	12	33	33	40	33	33	40
ENGINEERING ECON	5	40	40	63	40	40	63
ETHICS	5	100	100	74	100	100	75
FLUID MECHANICS	8	13	13	32	13	13	32
MAT SCI/STR MATTER	8	50	50	44	50	50	44
MATHEMATICS	24	50	50	55	50	50	55
MECH OF MATERIALS	8	25	25	38	25	25	39
STATICS	12	42	42	41	42	42	40
THERMODYNAMICS	11	45	45	39	45	45	39

PM Subject (2 points each)

INDUST COST ANALYSIS	3	33	33	69	33	33	68
COMPUT COMP & MODEL	3	100	100	72	100	100	71
ENGINRING ECONOMICS	3	33	33	34	33	33	34
INDUST ERGONOMICS	3	0	0	28	0	0	27
ENGINRNG STATISTICS	3	33	33	43	33	33	43
DESIGN OF INDUST EXP	3	33	33	25	33	33	25
FACILITY DSGN & LOC	3	0	0	59	0	0	59
INFO SYSTEMS DESIGN	3	33	33	51	33	33	51
INDUSTRIAL MNGMENT	3	33	33	50	33	33	50
MANUFACTRNG PROCESS	3	33	33	45	33	33	45
MANUFACTRNG SYS DSGN	3	33	33	42	33	33	42
MAT HAND SYS DESIGN	3	33	33	46	33	33	46
MATH OPTIM & MODELNG	3	33	33	56	33	33	56
PROD MEAS & MNGMENT	3	33	33	42	33	33	42
PROD PLAN & SCHED	3	33	33	56	33	33	56

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 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: INDUSTRIAL

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

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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PM Subject (continued) (2 points each)

STAT QUALITY CONTROL	3	67	67	42	67	67	41
TOTAL QUALITY MGMT	3	0	0	43	0	0	43
QUEUING THRY & MODEL	3	33	33	42	33	33	42
SIMULATION	3	33	33	59	33	33	59
WORK PERF & METHODS	3	33	33	31	33	33	31

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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	42	20	83	3754
No. Examinees Passing	1	2	25	15	63	2545
% Examinees Passing	100%	100%	60%	75%	76%	68%

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	82	86	65	66	69	67
COMPUTERS	7	86	71	45	51	55	52
DYNAMICS	9	56	67	51	55	58	56
ELECTRICAL CIRCUITS	12	67	33	31	44	33	35
ENGINEERING ECON	5	40	40	53	59	55	56
ETHICS	5	60	70	69	74	78	74
FLUID MECHANICS	8	50	38	44	50	52	48
MAT SCI/STR MATTER	8	38	44	47	49	43	47
MATHEMATICS	24	54	67	52	55	59	55
MECH OF MATERIALS	8	63	56	48	49	51	52
STATICS	12	42	50	48	51	54	52
THERMODYNAMICS	11	55	45	38	41	45	40

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	67	50	34	48	54	42
COMP & NUM METHODS	6	50	33	36	38	39	41
ENVIRONMENTAL ENGR	6	67	42	61	62	66	64
HYDRAUL/HYDROLOG SYS	6	50	58	55	63	57	57
LEGAL & PROF ASPECTS	3	67	67	62	68	68	68
STRUCTURAL ANALYSIS	6	50	50	40	48	44	45
STRUCTURAL DESIGN	6	17	25	42	36	37	42
SOIL MECH & FOUNDAT	6	33	33	38	56	50	45
SURVEYING	6	0	25	45	45	49	45
TRANS FACILITIES	6	67	50	35	40	41	40
WATER PUR & TREAT	6	67	58	50	57	53	48

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 Including State and National Norms for Each
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ABET Accredited Engineering Program Examinees
 All Examinees

Board: KENTUCKY
 Major: MECHANICAL

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	41	3679	2	77	10863
No. Examinees Passing	1	36	3074	1	52	7778
% Examinees Passing	100%	88%	84%	50%	68%	72%

	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)

	Special Code	State	Nat'l	Special Code	State	Nat'l
CHEMISTRY	11	82	70	73	68	70
COMPUTERS	7	29	60	29	60	58
DYNAMICS	9	78	71	56	61	62
ELECTRICAL CIRCUITS	12	50	59	42	52	49
ENGINEERING ECON	5	60	50	60	50	56
ETHICS	5	80	75	80	75	73
FLUID MECHANICS	8	50	52	50	47	47
MAT SCI/STR MATTER	8	75	56	56	50	51
MATHEMATICS	24	75	73	58	65	62
MECH OF MATERIALS	8	75	63	69	54	52
STATICS	12	58	58	46	52	50
THERMODYNAMICS	11	73	60	55	53	49

PM Subject (2 points each)

	Special Code	State	Nat'l	Special Code	State	Nat'l
ELECTRICAL CIRCUITS	6	50	51	25	43	42
CHEMISTRY	5	40	55	40	52	50
COMPUTERS	3	100	82	83	77	74
DYNAMICS	5	80	43	40	37	36
ENGINRING ECONOMICS	3	67	44	50	41	51
ETHICS	3	100	67	100	66	64
FLUID MECHANICS	4	25	46	13	42	41
MATHEMATICS	12	25	56	17	48	47
MAT SCI/STR MATTER	3	100	70	83	66	61
MECH OF MATERIALS	4	25	28	13	23	25
STATICS	6	17	56	25	51	49
THERMODYNAMICS	6	67	44	67	41	41

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 APRIL 2003 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: 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	9	25	1369	9	25	1449
No. Examinees Passing	9	24	1167	9	24	1220
% Examinees Passing	100%	96%	85%	100%	96%	84%

	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	67	69	71	67	69	71
COMPUTERS	7	68	63	61	68	63	61
DYNAMICS	9	70	71	68	70	71	68
ELECTRICAL CIRCUITS	12	58	62	53	58	62	53
ENGINEERING ECON	5	78	69	58	78	69	57
ETHICS	5	76	80	74	76	80	74
FLUID MECHANICS	8	61	52	53	61	52	52
MAT SCI/STR MATTER	8	58	57	59	58	57	59
MATHEMATICS	24	63	68	64	63	68	64
MECH OF MATERIALS	8	54	62	58	54	62	58
STATICS	12	54	59	55	54	59	54
THERMODYNAMICS	11	68	62	59	68	62	59

PM Subject (2 points each)

AUTOMATIC CONTROLS	3	56	51	46	56	51	46
COMPUTER	3	30	45	52	30	45	51
MECHANICAL DESIGN	6	31	41	43	31	41	43
DYNAMIC SYSTEMS	6	65	61	55	65	61	55
ENERGY CONVERSION	3	48	57	57	48	57	57
FLUID MECHANICS	6	76	74	62	76	74	62
FANS/PUMPS & COMPR	3	44	35	45	44	35	44
HEAT TRANSFER	6	61	57	55	61	57	55
MEASUREMENT & INSTRU	6	54	50	44	54	50	44
MATL BEHAV & PROCESS	3	33	35	36	33	35	36
REFRIGERATION & HVAC	3	41	45	45	41	45	44
STRESS ANALYSIS	6	61	60	54	61	60	54
THERMODYNAMICS	6	43	47	49	43	47	49

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

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	3	526	9	77	10863
No. Examinees Passing	1	3	409	5	52	7778
% Examinees Passing	100%	100%	78%	56%	68%	72%

	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)						

AM Subject (1 point each)

CHEMISTRY	11	91	94	86	69	68	70
COMPUTERS	7	71	76	60	59	60	58
DYNAMICS	9	78	78	59	60	61	62
ELECTRICAL CIRCUITS	12	75	78	49	34	52	49
ENGINEERING ECON	5	60	67	61	40	50	56
ETHICS	5	80	73	75	73	75	73
FLUID MECHANICS	8	75	63	51	49	47	47
MAT SCI/STR MATTER	8	75	63	54	50	50	51
MATHEMATICS	24	71	76	66	67	65	62
MECH OF MATERIALS	8	63	50	41	39	54	52
STATICS	12	42	44	41	45	52	50
THERMODYNAMICS	11	91	76	60	56	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	33	56	37	30	43	42
CHEMISTRY	5	60	73	58	47	52	50
COMPUTERS	3	100	89	81	74	77	74
DYNAMICS	5	40	27	31	42	37	36
ENGINEERING ECONOMICS	3	100	78	56	41	41	51
ETHICS	3	33	56	65	48	66	64
FLUID MECHANICS	4	25	50	48	36	42	41
MATHEMATICS	12	67	64	48	53	48	47
MAT SCI/STR MATTER	3	67	78	64	59	66	61
MECH OF MATERIALS	4	25	17	23	25	23	25
STATICS	6	33	50	44	50	51	49
THERMODYNAMICS	6	50	61	48	37	41	41

National Council of Examiners for Engineering and Surveying (NCEES)
Fundamentals of Engineering Examination
APRIL 2003 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: 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	20	80	3579	21	83	3754
No. Examinees Passing	13	60	2447	14	63	2545
% Examinees Passing	65%	75%	68%	67%	76%	68%

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

AM Subject (1 point each)

CHEMISTRY	11	71	68	68	72	69	67
COMPUTERS	7	54	54	52	54	55	52
DYNAMICS	9	66	57	56	66	58	56
ELECTRICAL CIRCUITS	12	31	33	35	29	33	35
ENGINEERING ECON	5	45	55	56	45	55	56
ETHICS	5	77	78	74	77	78	74
FLUID MECHANICS	8	50	52	48	49	52	48
MAT SCI/STR MATTER	8	36	43	47	36	43	47
MATHEMATICS	24	60	58	56	61	59	55
MECH OF MATERIALS	8	54	51	52	54	51	52
STATICS	12	54	54	52	54	54	52
THERMODYNAMICS	11	45	45	40	44	45	40

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	37	54	42	37	54	42
COMP & NUM METHODS	6	42	39	41	40	39	41
ENVIRONMENTAL ENGR	6	69	66	64	67	66	64
HYDRAUL/HYDROLOG SYS	6	55	57	57	56	57	57
LEGAL & PROF ASPECTS	3	58	68	68	59	68	68
STRUCTURAL ANALYSIS	6	38	43	45	38	44	45
STRUCTURAL DESIGN	6	37	38	43	37	37	42
SOIL MECH & FOUNDAT	6	54	50	46	53	50	45
SURVEYING	6	45	49	45	45	49	45
TRANS FACILITIES	6	35	41	40	35	41	40
WATER PUR & TREAT	6	61	53	49	60	53	48

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: Other
 PM Examination Selected: GENERAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	2	16	2943	9	77	10863
No. Examinees Passing	0	5	1717	5	52	7778
% Examinees Passing	0%	31%	58%	56%	68%	72%

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)

CHEMISTRY	11	50	67	66	69	68	70
COMPUTERS	7	36	56	52	59	60	58
DYNAMICS	9	44	47	57	60	61	62
ELECTRICAL CIRCUITS	12	21	31	39	34	52	49
ENGINEERING ECON	5	30	49	54	40	50	56
ETHICS	5	70	74	72	73	75	73
FLUID MECHANICS	8	25	41	46	49	47	47
MAT SCI/STR MATTER	8	25	39	46	50	50	51
MATHEMATICS	24	46	52	59	67	65	62
MECH OF MATERIALS	8	25	49	53	39	54	52
STATICS	12	42	46	51	45	52	50
THERMODYNAMICS	11	45	41	41	56	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	8	31	34	30	43	42
CHEMISTRY	5	50	46	48	47	52	50
COMPUTERS	3	50	77	68	74	77	74
DYNAMICS	5	40	29	34	42	37	36
ENGINRING ECONOMICS	3	17	29	51	41	41	51
ETHICS	3	50	77	63	48	66	64
FLUID MECHANICS	4	13	36	38	36	42	41
MATHEMATICS	12	25	34	42	53	48	47
MAT SCI/STR MATTER	3	0	58	55	59	66	61
MECH OF MATERIALS	4	25	17	24	25	23	25
STATICS	6	33	46	47	50	51	49
THERMODYNAMICS	6	25	33	37	37	41	41

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: Other
 PM Examination Selected: ELECTRICAL

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	9	1753	1	9	2003
No. Examinees Passing	1	7	1385	1	7	1582
% Examinees Passing	100%	78%	79%	100%	78%	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)

	Number of Exam Questions	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
CHEMISTRY	11	45	70	69	45	70	70
COMPUTERS	7	86	71	70	86	71	71
DYNAMICS	9	44	63	58	44	63	58
ELECTRICAL CIRCUITS	12	58	69	70	58	69	69
ENGINEERING ECON	5	0	69	57	0	69	58
ETHICS	5	100	69	75	100	69	75
FLUID MECHANICS	8	63	32	38	63	32	38
MAT SCI/STR MATTER	8	38	44	43	38	44	43
MATHEMATICS	24	58	64	67	58	64	67
MECH OF MATERIALS	8	38	43	40	38	43	40
STATICS	12	33	39	42	33	39	42
THERMODYNAMICS	11	27	41	43	27	41	42

PM Subject (2 points each)

	Number of Exam Questions	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
ANALOG ELEC CIRCUITS	6	17	30	37	17	30	37
CONT SYS THEORY ANAL	6	17	50	56	17	50	55
COMP HARDWR ENGINRNG	3	67	70	52	67	70	54
COMP & NUM METHODS	3	33	33	34	33	33	35
COMP SOFTWR ENGINRNG	3	67	63	61	67	63	62
COMM THEORY	6	50	37	34	50	37	34
DIGITAL SYSTEMS	6	83	57	61	83	57	62
ELECTRO THEORY & APP	6	50	44	49	50	44	49
INSTRUMENTATION	3	0	30	41	0	30	42
NETWORK ANALYSIS	6	33	31	39	33	31	39
POWER SYSTEMS	3	33	37	35	33	37	34
SIGNAL PROCESSING	3	33	37	31	33	37	31
SOLID ST ELEC & DEV	6	50	54	49	50	54	49

National Council of Examiners for Engineering and Surveying (NCEES)
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 APRIL 2003 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	2	206	9	77	10863
No. Examinees Passing	0	1	134	5	52	7778
% Examinees Passing	0%	50%	65%	56%	68%	72%

Number of Exam Questions	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)

	Special Code	State	Nat'l	Special Code	State	Nat'l	
CHEMISTRY	11	55	41	77	69	68	70
COMPUTERS	7	71	50	55	59	60	58
DYNAMICS	9	33	28	56	60	61	62
ELECTRICAL CIRCUITS	12	8	29	43	34	52	49
ENGINEERING ECON	5	20	50	56	40	50	56
ETHICS	5	80	80	75	73	75	73
FLUID MECHANICS	8	38	44	49	49	47	47
MAT SCI/STR MATTER	8	50	44	47	50	50	51
MATHEMATICS	24	42	60	59	67	65	62
MECH OF MATERIALS	8	13	25	45	39	54	52
STATICS	12	42	33	44	45	52	50
THERMODYNAMICS	11	45	36	48	56	53	49

PM Subject (2 points each)

	Special Code	State	Nat'l	Special Code	State	Nat'l	
ELECTRICAL CIRCUITS	6	17	8	35	30	43	42
CHEMISTRY	5	20	30	51	47	52	50
COMPUTERS	3	67	67	76	74	77	74
DYNAMICS	5	40	20	32	42	37	36
ENGINEERING ECONOMICS	3	33	50	52	41	41	51
ETHICS	3	33	33	63	48	66	64
FLUID MECHANICS	4	50	50	43	36	42	41
MATHEMATICS	12	50	42	45	53	48	47
MAT SCI/STR MATTER	3	67	67	54	59	66	61
MECH OF MATERIALS	4	25	25	25	25	23	25
STATICS	6	33	58	43	50	51	49
THERMODYNAMICS	6	50	58	40	37	41	41

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: MATERIALS

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	1	2	42	21	83	3754
No. Examinees Passing	1	2	25	14	63	2545
% Examinees Passing	100%	100%	60%	67%	76%	68%

	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	91	86	65	72	69	67
COMPUTERS	7	57	71	45	54	55	52
DYNAMICS	9	78	67	51	66	58	56
ELECTRICAL CIRCUITS	12	0	33	31	29	33	35
ENGINEERING ECON	5	40	40	53	45	55	56
ETHICS	5	80	70	69	77	78	74
FLUID MECHANICS	8	25	38	44	49	52	48
MAT SCI/STR MATTER	8	50	44	47	36	43	47
MATHEMATICS	24	79	67	52	61	59	55
MECH OF MATERIALS	8	50	56	48	54	51	52
STATICS	12	58	50	48	54	54	52
THERMODYNAMICS	11	36	45	38	44	45	40

PM Subject (2 points each)

CONSTRUCTION MGMNT	3	33	50	34	37	54	42
COMP & NUM METHODS	6	17	33	36	40	39	41
ENVIRONMENTAL ENGR	6	17	42	61	67	66	64
HYDRAUL/HYDROLOG SYS	6	67	58	55	56	57	57
LEGAL & PROF ASPECTS	3	67	67	62	59	68	68
STRUCTURAL ANALYSIS	6	50	50	40	38	44	45
STRUCTURAL DESIGN	6	33	25	42	37	37	42
SOIL MECH & FOUNDAT	6	33	33	38	53	50	45
SURVEYING	6	50	25	45	45	49	45
TRANS FACILITIES	6	33	50	35	35	41	40
WATER PUR & TREAT	6	50	58	50	60	53	48

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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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	41	3679	9	77	10863
No. Examinees Passing	4	36	3074	5	52	7778
% Examinees Passing	80%	88%	84%	56%	68%	72%

	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	75	70	72	69	68	70
COMPUTERS	7	63	60	61	59	60	58
DYNAMICS	9	69	71	68	60	61	62
ELECTRICAL CIRCUITS	12	37	59	53	34	52	49
ENGINEERING ECON	5	44	50	57	40	50	56
ETHICS	5	72	75	74	73	75	73
FLUID MECHANICS	8	55	52	52	49	47	47
MAT SCI/STR MATTER	8	55	56	57	50	50	51
MATHEMATICS	24	80	73	66	67	65	62
MECH OF MATERIALS	8	45	63	57	39	54	52
STATICS	12	48	58	54	45	52	50
THERMODYNAMICS	11	55	60	57	56	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	40	51	44	30	43	42
CHEMISTRY	5	48	55	51	47	52	50
COMPUTERS	3	80	82	78	74	77	74
DYNAMICS	5	44	43	40	42	37	36
ENGINEERING ECONOMICS	3	40	44	52	41	41	51
ETHICS	3	53	67	65	48	66	64
FLUID MECHANICS	4	45	46	48	36	42	41
MATHEMATICS	12	62	56	50	53	48	47
MAT SCI/STR MATTER	3	80	70	67	59	66	61
MECH OF MATERIALS	4	25	28	27	25	23	25
STATICS	6	63	56	55	50	51	49
THERMODYNAMICS	6	37	44	45	37	41	41

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: CHEMICAL

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

	---Specified Major Only---			--All Majors Combined---		
	Special Code	State	Nat'l	Special Code	State	Nat'l
No. Examinees Taking	1	4	781	1	4	795
No. Examinees Passing	0	3	664	0	3	673
% Examinees Passing	0%	75%	85%	0%	75%	85%

	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	82	82	87	82	82	87
COMPUTERS	7	14	50	62	14	50	62
DYNAMICS	9	44	53	60	44	53	60
ELECTRICAL CIRCUITS	12	17	46	48	17	46	48
ENGINEERING ECON	5	60	60	65	60	60	65
ETHICS	5	80	80	77	80	80	77
FLUID MECHANICS	8	25	50	54	25	50	54
MAT SCI/STR MATTER	8	50	63	56	50	63	56
MATHEMATICS	24	38	51	66	38	51	66
MECH OF MATERIALS	8	25	38	41	25	38	41
STATICS	12	33	27	41	33	27	42
THERMODYNAMICS	11	55	64	65	55	64	64

PM Subject (2 points each)

COMP & NUM METHODS	3	33	25	71	33	25	71
CHEM REACTION ENGR	6	50	46	61	50	46	61
CHEM THERMODYNAMICS	6	33	46	50	33	46	50
PROCESS EQUIP DESIGN	3	33	50	56	33	50	56
HEAT TRANSFER	6	0	29	50	0	29	50
MAT/ENERGY BALANCES	9	33	50	53	33	50	53
MASS TRANSFER	6	17	33	57	17	33	57
PROCESS CONTROL	3	33	42	47	33	42	47
PROC DSGN/ECON EVAL	6	33	38	49	33	38	49
POLLUTION PREVENTION	3	33	58	62	33	58	62
PROCESS SAFETY	3	0	17	59	0	17	59
TRANSPORT PHENOMENA	6	33	29	45	33	29	45

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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	9	41	3679	9	77	10863
No. Examinees Passing	9	36	3074	9	52	7778
% Examinees Passing	100%	88%	84%	100%	68%	72%

Number of Exam Questions	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)

CHEMISTRY	11	60	70	72	60	68	70
COMPUTERS	7	51	60	61	51	60	58
DYNAMICS	9	73	71	68	73	61	62
ELECTRICAL CIRCUITS	12	50	59	53	50	52	49
ENGINEERING ECON	5	47	50	57	47	50	56
ETHICS	5	71	75	74	71	75	73
FLUID MECHANICS	8	49	52	52	49	47	47
MAT SCI/STR MATTER	8	58	56	57	58	50	51
MATHEMATICS	24	64	73	66	64	65	62
MECH OF MATERIALS	8	56	63	57	56	54	52
STATICS	12	53	58	54	53	52	50
THERMODYNAMICS	11	62	60	57	62	53	49

PM Subject (2 points each)

ELECTRICAL CIRCUITS	6	39	51	44	39	43	42
CHEMISTRY	5	64	55	51	64	52	50
COMPUTERS	3	78	82	78	78	77	74
DYNAMICS	5	47	43	40	47	37	36
ENGINEERING ECONOMICS	3	44	44	52	44	41	51
ETHICS	3	70	67	65	70	66	64
FLUID MECHANICS	4	44	46	48	44	42	41
MATHEMATICS	12	41	56	50	41	48	47
MAT SCI/STR MATTER	3	74	70	67	74	66	61
MECH OF MATERIALS	4	25	28	27	25	23	25
STATICS	6	54	56	55	54	51	49
THERMODYNAMICS	6	43	44	45	43	41	41