

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Chemical**

Institution: **University of Kentucky, Lexington**
 School Code: **7101**
 PM Exam **FE - Chemical**

	*Institution	National	Carnegie Comparator		
Examinees Taking	2	294	74		
Examinees Passing	1	231	56		
Examinees Passing %	50	79	76		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	68	68	3.2	65
Engineering Probability & Statistics	8	69	77	1.6	74
Chemistry	11	82	80	1.6	79
Computers	8	81	77	1.4	76
Ethics & Business Practices	8	88	82	1.3	84
Engineering Economics	10	70	67	2.1	66
Engineering Mechanics (Statics)	8	38	50	1.7	49
Engineering Mechanics (Dynamics)	5	50	55	1.2	50
Strength of Materials	8	50	39	1.4	40
Material Properties	8	69	62	1.7	61
Fluid Mechanics	8	56	65	1.8	63
Electricity & Magnetism	11	59	48	2.5	48
Thermodynamics	8	63	61	2.0	57

PM Subject

Chemistry PM	6	75	79	1.2	77
Material-Energy Balances	9	56	64	1.9	65
Chemical Engineering Thermodynamics	6	42	53	1.4	53
Fluid Dynamics	6	25	51	1.5	52
Heat Transfer	6	42	58	1.5	58
Mass Transfer	6	42	60	1.5	60
Chemical Reaction Engineering	6	42	52	1.3	54
Process Design & Economic Optimization	6	50	65	1.4	64
Computer Usage in Chemical Engineering	3	0	60	0.8	58
Process control	3	100	77	0.7	78
Safety & Health & Environmental	3	50	77	0.7	77

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates Subject Matter Report by Major and PM Examination	Engineering	Institution: School Code: PM Exam	University of Kentucky, Lexington 7101 FE - Civil
Board Code: Major	71 Civil		

	*Institution	National	Carnegie Comparator		
Examinees Taking	6	1,529	363		
Examinees Passing	4	712	175		
Examinees Passing %	67	47	48		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	55	53	3.2	52
Engineering Probability & Statistics	8	60	66	1.6	68
Chemistry	11	56	49	2.2	50
Computers	8	63	60	1.6	59
Ethics & Business Practices	8	83	81	1.2	82
Engineering Economics	10	47	55	2.0	55
Engineering Mechanics (Statics)	8	63	58	1.7	58
Engineering Mechanics (Dynamics)	5	50	50	1.2	50
Strength of Materials	8	40	47	1.8	45
Material Properties	8	46	47	1.6	48
Fluid Mechanics	8	56	47	1.9	49
Electricity & Magnetism	11	44	34	2.2	33
Thermodynamics	8	50	38	1.7	39

PM Subject

Surveying	7	67	61	1.4	61
Hydraulics & Hydrologic Systems	7	48	54	1.5	55
Soil Mechanics & Foundations	9	61	57	1.9	55
Environmental Engineering	7	36	38	1.4	38
Transportation	7	40	50	1.4	50
Structural Analysis	6	42	50	1.3	50
Structural Design	6	36	41	1.3	40
Construction Management	6	69	62	1.2	63
Materials	5	70	56	1.2	58

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates Subject Matter Report by Major and PM Examination	Engineering	Institution: School Code: PM Exam	University of Kentucky, Lexington 7101 FE - Other Disciplines
Board Code: Major	71 Civil		

	*Institution	National	Carnegie Comparator		
Examinees Taking	2	603	124		
Examinees Passing	1	179	44		
Examinees Passing %	50	30	35		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	71	53	3.0	54
Engineering Probability & Statistics	8	56	63	1.7	63
Chemistry	11	50	44	2.1	46
Computers	8	50	57	1.6	57
Ethics & Business Practices	8	94	78	1.4	81
Engineering Economics	10	55	55	2.0	56
Engineering Mechanics (Statics)	8	56	54	1.7	54
Engineering Mechanics (Dynamics)	5	80	50	1.2	50
Strength of Materials	8	63	42	1.6	42
Material Properties	8	44	43	1.6	48
Fluid Mechanics	8	63	47	1.8	50
Electricity & Magnetism	11	32	37	2.2	38
Thermodynamics	8	31	38	1.6	37

PM Subject

Advanced Engineering Mathematics	6	50	48	1.2	50
Engineering Probability & Statistics PM	5	50	55	1.1	58
Biology	3	17	38	0.8	42
Engineering Economics PM	6	50	51	1.4	55
Application of Engineering Mechanics	8	38	31	1.4	33
Engineering of Materials	7	57	50	1.4	51
Fluids	9	50	47	1.7	47
Electricity & Magnetism PM	7	29	30	1.1	33
Thermodynamics & Heat Transfer	9	67	42	1.5	43

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates	Engineering		
Subject Matter Report by Major and PM Examination			
Board Code:	71	Institution:	University of Kentucky, Lexington
Major	Electrical	School Code:	7101
		PM Exam	FE - Electrical

	*Institution	National	Carnegie Comparator
Examinees Taking	8	885	241
Examinees Passing	4	447	131
Examinees Passing %	50	51	54
	# Exam Questions	Institution AVG % Correct	National AVG % Correct
		National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	58	62	3.2	63
Engineering Probability & Statistics	8	75	69	1.7	69
Chemistry	11	69	52	2.2	53
Computers	8	80	76	1.5	76
Ethics & Business Practices	8	89	81	1.3	84
Engineering Economics	10	51	54	2.1	56
Engineering Mechanics (Statics)	8	36	44	1.6	47
Engineering Mechanics (Dynamics)	5	45	49	1.2	50
Strength of Materials	8	34	33	1.4	34
Material Properties	8	64	51	1.6	54
Fluid Mechanics	8	33	39	1.8	38
Electricity & Magnetism	11	73	67	2.3	68
Thermodynamics	8	36	40	1.7	40

PM Subject

Circuits	10	51	51	2.2	51
Power	8	63	56	1.9	59
Electromagnetics	4	50	46	1.1	50
Control Systems	6	44	43	1.3	44
Communications	5	25	29	1.0	32
Signal Processing	5	28	42	1.2	43
Electronics	9	46	46	1.9	45
Digital Systems	7	55	51	1.6	50
Computer Systems	6	52	56	1.3	56

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates	Engineering		
Subject Matter Report by Major and PM Examination			
Board Code:	71	Institution:	University of Kentucky, Lexington
Major	Electrical	School Code:	7101
		PM Exam	FE - Other Disciplines

	*Institution	National	Carnegie Comparator		
Examinees Taking	1	319	71		
Examinees Passing	1	125	34		
Examinees Passing %	100	39	48		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	74	57	3.1	62
Engineering Probability & Statistics	8	88	66	1.7	73
Chemistry	11	55	48	2.2	52
Computers	8	100	71	1.6	76
Ethics & Business Practices	8	88	79	1.3	82
Engineering Economics	10	90	56	2.1	60
Engineering Mechanics (Statics)	8	88	44	1.7	46
Engineering Mechanics (Dynamics)	5	60	48	1.3	53
Strength of Materials	8	50	33	1.5	33
Material Properties	8	88	47	1.6	51
Fluid Mechanics	8	88	40	1.8	41
Electricity & Magnetism	11	82	60	2.4	64
Thermodynamics	8	88	39	1.8	42

PM Subject

Advanced Engineering Mathematics	6	50	50	1.2	51
Engineering Probability & Statistics PM	5	80	56	1.2	61
Biology	3	33	40	0.8	39
Engineering Economics PM	6	67	49	1.5	55
Application of Engineering Mechanics	8	25	31	1.4	34
Engineering of Materials	7	86	46	1.4	49
Fluids	9	67	42	2.0	44
Electricity & Magnetism PM	7	86	50	1.6	54
Thermodynamics & Heat Transfer	9	67	43	1.6	43

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates Subject Matter Report by Major and PM Examination		Institution: University of Kentucky, Lexington	
Board Code: 71	Engineering	School Code: 7101	
Major: Materials		PM Exam: FE - Other Disciplines	

	*Institution	National	Carnegie Comparator		
Examinees Taking	1	19	4		
Examinees Passing	1	18	4		
Examinees Passing %	100	95	100		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	68	74	2.5	78
Engineering Probability & Statistics	8	75	88	1.1	88
Chemistry	11	55	73	1.8	70
Computers	8	75	78	1.4	84
Ethics & Business Practices	8	75	84	1.1	84
Engineering Economics	10	90	70	2.0	78
Engineering Mechanics (Statics)	8	75	64	1.7	59
Engineering Mechanics (Dynamics)	5	40	68	1.2	65
Strength of Materials	8	50	53	1.7	59
Material Properties	8	75	82	1.1	84
Fluid Mechanics	8	50	63	1.8	72
Electricity & Magnetism	11	45	62	2.2	45
Thermodynamics	8	75	61	1.6	59

PM Subject

Advanced Engineering Mathematics	6	67	63	1.4	62
Engineering Probability & Statistics PM	5	60	65	0.9	60
Biology	3	33	65	0.8	58
Engineering Economics PM	6	83	66	1.3	79
Application of Engineering Mechanics	8	38	44	1.7	44
Engineering of Materials	7	86	68	1.4	75
Fluids	9	56	60	2.1	58
Electricity & Magnetism PM	7	29	50	1.8	43
Thermodynamics & Heat Transfer	9	56	57	2.1	56

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates Subject Matter Report by Major and PM Examination	Engineering	Institution: School Code: PM Exam	University of Kentucky, Lexington 7101 FE - Mechanical
Board Code: Major	71 Mechanical		

	*Institution	National	Carnegie Comparator		
Examinees Taking	4	952	251		
Examinees Passing	3	690	169		
Examinees Passing %	75	72	67		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	68	67	3.3	63
Engineering Probability & Statistics	8	69	75	1.5	71
Chemistry	11	43	58	2.2	56
Computers	8	63	73	1.5	71
Ethics & Business Practices	8	75	84	1.2	83
Engineering Economics	10	58	60	2.2	58
Engineering Mechanics (Statics)	8	56	64	1.8	62
Engineering Mechanics (Dynamics)	5	70	61	1.1	57
Strength of Materials	8	69	58	1.8	56
Material Properties	8	69	67	1.7	65
Fluid Mechanics	8	63	62	1.9	60
Electricity & Magnetism	11	43	51	2.6	47
Thermodynamics	8	66	56	1.9	55

PM Subject

Mechanical Design & Analysis	9	64	65	1.8	63
Kinematics & Dynamics & Vibrations	9	56	61	1.8	56
Materials & Processing	6	58	64	1.3	63
Measurements & Instrumentation & Controls	6	42	46	1.3	44
Thermodynamics & Energy Conversion Processes	9	58	55	1.9	52
Fluid Mechanics & Fluid Machinery	9	69	57	2.0	56
Heat Transfer	6	37	55	1.6	54
Refrigeration & HVAC	6	58	48	1.3	46

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates Subject Matter Report by Major and PM Examination		Institution: University of Kentucky, Lexington	
Board Code: 71	Engineering	School Code: 7101	FE - Other Disciplines
Major: Mechanical		PM Exam	

	*Institution	National	Carnegie Comparator		
Examinees Taking	5	460	98		
Examinees Passing	5	283	72		
Examinees Passing %	100	62	73		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	77	62	3.1	67
Engineering Probability & Statistics	8	80	71	1.7	77
Chemistry	11	65	52	2.2	55
Computers	8	73	67	1.6	71
Ethics & Business Practices	8	63	82	1.3	82
Engineering Economics	10	58	58	2.2	62
Engineering Mechanics (Statics)	8	93	59	1.8	59
Engineering Mechanics (Dynamics)	5	68	56	1.3	62
Strength of Materials	8	70	49	1.7	51
Material Properties	8	63	60	1.7	62
Fluid Mechanics	8	65	57	1.9	62
Electricity & Magnetism	11	64	49	2.6	53
Thermodynamics	8	58	52	1.9	53

PM Subject

Advanced Engineering Mathematics	6	60	54	1.3	56
Engineering Probability & Statistics PM	5	72	62	1.2	64
Biology	3	53	45	0.8	46
Engineering Economics PM	6	57	58	1.5	59
Application of Engineering Mechanics	8	58	41	1.5	44
Engineering of Materials	7	69	61	1.5	64
Fluids	9	51	59	1.8	61
Electricity & Magnetism PM	7	40	41	1.6	46
Thermodynamics & Heat Transfer	9	76	52	1.8	55

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Graduates Subject Matter Report by Major and PM Examination	Engineering	Institution: School Code: PM Exam	University of Kentucky, Lexington 7101 FE - Other Disciplines
Board Code: Major	71 Mining/Mineral		

	*Institution	National	Carnegie Comparator		
Examinees Taking	4	14	10		
Examinees Passing	2	5	5		
Examinees Passing %	50	36	50		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	61	58	2.6	61
Engineering Probability & Statistics	8	75	66	1.9	70
Chemistry	11	45	49	1.2	48
Computers	8	66	63	1.1	66
Ethics & Business Practices	8	84	84	0.9	85
Engineering Economics	10	50	54	2.3	58
Engineering Mechanics (Statics)	8	47	44	1.9	49
Engineering Mechanics (Dynamics)	5	40	53	1.4	52
Strength of Materials	8	41	38	1.6	41
Material Properties	8	56	55	1.5	58
Fluid Mechanics	8	50	52	2.0	55
Electricity & Magnetism	11	34	40	2.3	46
Thermodynamics	8	38	45	1.9	44

PM Subject

Advanced Engineering Mathematics	6	42	45	1.3	50
Engineering Probability & Statistics PM	5	75	61	1.1	68
Biology	3	50	45	0.8	50
Engineering Economics PM	6	54	65	1.3	65
Application of Engineering Mechanics	8	28	33	1.0	31
Engineering of Materials	7	68	54	1.1	60
Fluids	9	61	53	1.6	58
Electricity & Magnetism PM	7	7	30	1.8	29
Thermodynamics & Heat Transfer	9	50	44	1.1	47

* 0 examinees have been removed from this data because they (1) Answered fewer than 10% of the questions or (2) were flagged as a Random Guesser.

** The standard deviation of the above is based on number of questions correct not percentage of questions correct.

*** Indicates schools in your Carnegie classification, see www.carnegiefoundation.org

TERMS AND CONDITIONS OF DATA USE

This report contains confidential and proprietary NCEES data. Any use of the data unrelated to accreditation review requires prior approval by NCEES.