

NCEES
Fundamentals of Engineering Examination
 ABET - Accredited Programs

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Agricultural**

Institution:
 School Code:
 PM Exam

University of Kentucky, Lexington
7101
FE - Other Disciplines

	*Institution	National	Carnegie Comparator		
Examinees Taking	4	104	34		
Examinees Passing	3	83	27		
Examinees Passing %	75	80	79		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	67	66	3.0	69
Engineering Probability & Statistics	8	69	61	1.6	60
Chemistry	11	77	69	1.7	74
Computers	8	78	74	1.4	75
Ethics & Business Practices	8	81	75	1.2	76
Engineering Economics	10	75	62	1.9	61
Engineering Mechanics (Statics)	8	50	55	1.9	54
Engineering Mechanics (Dynamics)	5	75	66	1.1	64
Strength of Materials	8	56	55	1.7	51
Material Properties	8	59	57	1.3	55
Fluid Mechanics	8	75	61	2.1	66
Electricity & Magnetism	11	64	54	2.3	56
Thermodynamics	8	75	52	1.6	55

PM Subject

Advanced Engineering Mathematics	6	58	69	1.3	71
Engineering Probability & Statistics PM	5	70	64	1.1	70
Biology	3	75	63	0.8	63
Engineering Economics PM	6	67	72	1.3	71
Application of Engineering Mechanics	8	47	51	1.7	52
Engineering of Materials	7	61	48	1.2	46
Fluids	9	50	58	1.8	61
Electricity & Magnetism PM	7	36	49	1.4	46
Thermodynamics & Heat Transfer	9	58	52	1.5	53

* 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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code:	71	Institution:	University of Kentucky, Lexington
Major	Chemical	School Code:	7101
		PM Exam	FE - Chemical

	*Institution	National		Carnegie Comparator	
Examinees Taking	9	1,210		309	
Examinees Passing	9	1,047		266	
Examinees Passing %	100	87		86	
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	89	74	3.0	71
Engineering Probability & Statistics	8	85	69	1.6	67
Chemistry	11	94	85	1.4	86
Computers	8	83	76	1.4	76
Ethics & Business Practices	8	72	73	1.3	74
Engineering Economics	10	80	65	1.8	67
Engineering Mechanics (Statics)	8	42	41	1.8	39
Engineering Mechanics (Dynamics)	5	69	62	1.3	59
Strength of Materials	8	40	40	1.5	40
Material Properties	8	56	60	1.5	62
Fluid Mechanics	8	72	62	2.0	63
Electricity & Magnetism	11	51	55	2.4	53
Thermodynamics	8	60	64	1.6	63

PM Subject

Chemistry PM	6	85	77	1.2	75
Material-Energy Balances	9	78	73	1.6	72
Chemical Engineering Thermodynamics	6	57	58	1.4	56
Fluid Dynamics	6	52	48	1.5	48
Heat Transfer	6	81	73	1.1	72
Mass Transfer	6	69	60	1.4	61
Chemical Reaction Engineering	6	89	77	1.3	75
Process Design & Economic Optimization	6	80	75	1.1	76
Computer Usage in Chemical Engineering	3	81	67	0.8	65
Process control	3	59	68	0.9	69
Safety & Health & Environmental	3	48	53	0.9	53

* 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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Civil**

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

	*Institution	National	Carnegie Comparator		
Examinees Taking	54	5,873	1,730		
Examinees Passing	47	4,560	1,380		
Examinees Passing %	87	78	80		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***
AM Subject					
Mathematics	19	68	66	3.2	66
Engineering Probability & Statistics	8	63	62	1.6	62
Chemistry	11	66	64	1.9	64
Computers	8	67	70	1.5	70
Ethics & Business Practices	8	76	75	1.3	76
Engineering Economics	10	66	63	1.9	64
Engineering Mechanics (Statics)	8	61	57	2.0	58
Engineering Mechanics (Dynamics)	5	61	62	1.2	62
Strength of Materials	8	59	60	1.8	61
Material Properties	8	48	51	1.5	51
Fluid Mechanics	8	59	61	2.0	61
Electricity & Magnetism	11	43	45	2.4	45
Thermodynamics	8	39	42	1.7	42
PM Subject					
Surveying	7	63	59	1.4	60
Hydraulics & Hydrologic Systems	7	62	61	1.4	62
Soil Mechanics & Foundations	9	61	59	1.7	60
Environmental Engineering	7	61	61	1.4	61
Transportation	7	49	51	1.6	52
Structural Analysis	6	46	51	1.5	50
Structural Design	6	60	63	1.3	63
Construction Management	6	72	65	1.3	67
Materials	5	76	62	1.1	63

* 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

Currently Enrolled **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	5	1,249	268
Examinees Passing	4	869	189
Examinees Passing %	80	70	71

# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***
-------------------------	----------------------------------	-------------------------------	---------------------------------------	---

AM Subject

Mathematics	19	77	72	3.2	74
Engineering Probability & Statistics	8	58	60	1.7	60
Chemistry	11	58	61	2.0	61
Computers	8	75	77	1.4	79
Ethics & Business Practices	8	63	72	1.5	73
Engineering Economics	10	54	59	1.9	58
Engineering Mechanics (Statics)	8	43	39	1.8	40
Engineering Mechanics (Dynamics)	5	56	56	1.3	57
Strength of Materials	8	40	35	1.4	36
Material Properties	8	60	48	1.6	49
Fluid Mechanics	8	25	32	1.7	33
Electricity & Magnetism	11	87	72	2.1	74
Thermodynamics	8	43	43	1.8	42

PM Subject

Circuits	10	52	55	2.3	56
Power	8	55	60	1.7	64
Electromagnetics	4	60	60	1.2	63
Control Systems	6	43	52	1.5	53
Communications	5	52	59	1.0	59
Signal Processing	5	20	35	1.4	33
Electronics	9	56	58	1.8	60
Digital Systems	7	77	68	1.5	69
Computer Systems	6	40	51	1.4	50

* 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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Food Processing**

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

	*Institution	National	Carnegie Comparator		
Examinees Taking	1	4	2		
Examinees Passing	0	3	1		
Examinees Passing %	0	75	50		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	63	75	2.6	79
Engineering Probability & Statistics	8	63	81	1.0	75
Chemistry	11	64	80	1.7	82
Computers	8	63	75	1.8	75
Ethics & Business Practices	8	75	81	0.6	81
Engineering Economics	10	40	70	2.6	60
Engineering Mechanics (Statics)	8	13	38	2.7	50
Engineering Mechanics (Dynamics)	5	40	55	1.0	60
Strength of Materials	8	38	44	1.0	38
Material Properties	8	50	44	1.3	44
Fluid Mechanics	8	38	63	2.2	69
Electricity & Magnetism	11	45	48	1.0	50
Thermodynamics	8	38	53	1.9	63

PM Subject

Advanced Engineering Mathematics	6	67	67	0.0	67
Engineering Probability & Statistics PM	5	60	75	0.5	70
Biology	3	33	67	1.2	67
Engineering Economics PM	6	67	83	0.8	75
Application of Engineering Mechanics	8	25	41	1.0	38
Engineering of Materials	7	29	39	1.0	29
Fluids	9	33	56	1.6	56
Electricity & Magnetism PM	7	57	54	0.5	57
Thermodynamics & Heat Transfer	9	44	64	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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Materials**

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

	*Institution	National	Carnegie Comparator		
Examinees Taking	1	45	13		
Examinees Passing	1	37	12		
Examinees Passing %	100	82	92		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	95	71	2.7	76
Engineering Probability & Statistics	8	75	71	1.5	64
Chemistry	11	82	79	1.5	82
Computers	8	88	72	1.5	72
Ethics & Business Practices	8	88	73	1.2	80
Engineering Economics	10	70	61	2.0	75
Engineering Mechanics (Statics)	8	88	55	1.9	63
Engineering Mechanics (Dynamics)	5	80	60	1.3	57
Strength of Materials	8	75	56	1.4	53
Material Properties	8	75	74	1.3	72
Fluid Mechanics	8	88	48	2.2	53
Electricity & Magnetism	11	55	62	2.1	50
Thermodynamics	8	38	45	1.6	46

PM Subject

Advanced Engineering Mathematics	6	100	75	1.0	82
Engineering Probability & Statistics PM	5	80	72	0.9	74
Biology	3	67	70	0.7	67
Engineering Economics PM	6	50	64	1.3	79
Application of Engineering Mechanics	8	63	51	1.8	54
Engineering of Materials	7	86	65	1.4	60
Fluids	9	44	47	1.8	51
Electricity & Magnetism PM	7	29	45	1.4	42
Thermodynamics & Heat Transfer	9	56	56	1.2	63

* 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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code:	71	Institution:	University of Kentucky, Lexington
Major	Mechanical	School Code:	7101
		PM Exam	FE - Mechanical

	*Institution	National	Carnegie Comparator		
Examinees Taking	25	3,919	978		
Examinees Passing	18	3,202	793		
Examinees Passing %	72	82	81		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	76	74	3.1	73
Engineering Probability & Statistics	8	63	64	1.7	63
Chemistry	11	68	66	1.9	65
Computers	8	65	77	1.4	77
Ethics & Business Practices	8	75	75	1.3	74
Engineering Economics	10	58	62	1.9	63
Engineering Mechanics (Statics)	8	54	60	2.0	60
Engineering Mechanics (Dynamics)	5	64	74	1.2	72
Strength of Materials	8	54	60	1.8	59
Material Properties	8	57	62	1.5	60
Fluid Mechanics	8	52	60	2.1	60
Electricity & Magnetism	11	55	58	2.4	57
Thermodynamics	8	59	56	1.9	56

PM Subject

Mechanical Design & Analysis	9	69	71	1.6	71
Kinematics & Dynamics & Vibrations	9	64	61	1.7	62
Materials & Processing	6	65	69	1.3	68
Measurements & Instrumentation & Controls	6	61	57	1.2	58
Thermodynamics & Energy Conversion Processes	9	61	61	1.5	61
Fluid Mechanics & Fluid Machinery	9	59	62	1.6	61
Heat Transfer	6	71	71	1.3	70
Refrigeration & HVAC	6	57	54	1.4	54

* 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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Mechanical**

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

	*Institution	National	Carnegie Comparator		
Examinees Taking	25	1,236	302		
Examinees Passing	14	981	247		
Examinees Passing %	56	79	82		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	70	73	3.1	73
Engineering Probability & Statistics	8	51	63	1.7	63
Chemistry	11	61	63	2.0	63
Computers	8	73	75	1.4	77
Ethics & Business Practices	8	71	73	1.4	73
Engineering Economics	10	50	62	1.9	62
Engineering Mechanics (Statics)	8	53	56	2.0	58
Engineering Mechanics (Dynamics)	5	66	70	1.2	72
Strength of Materials	8	60	58	1.8	59
Material Properties	8	56	60	1.5	63
Fluid Mechanics	8	50	58	2.1	56
Electricity & Magnetism	11	44	57	2.4	58
Thermodynamics	8	60	55	1.9	55

PM Subject

Advanced Engineering Mathematics	6	77	79	1.2	80
Engineering Probability & Statistics PM	5	54	64	1.0	65
Biology	3	61	64	0.8	64
Engineering Economics PM	6	55	70	1.4	70
Application of Engineering Mechanics	8	49	54	1.7	56
Engineering of Materials	7	47	48	1.4	48
Fluids	9	51	58	1.7	58
Electricity & Magnetism PM	7	36	50	1.3	50
Thermodynamics & Heat Transfer	9	48	54	1.7	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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Mining/Mineral**

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

	*Institution	National	Carnegie Comparator
Examinees Taking	7	101	56
Examinees Passing	2	52	26
Examinees Passing %	29	51	46
	# Exam Questions	Institution AVG % Correct	National AVG % Correct
		National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	56	59	3.3	58
Engineering Probability & Statistics	8	50	55	1.7	51
Chemistry	11	62	63	1.9	62
Computers	8	64	64	1.6	64
Ethics & Business Practices	8	80	73	1.5	69
Engineering Economics	10	49	62	2.0	60
Engineering Mechanics (Statics)	8	38	44	1.9	45
Engineering Mechanics (Dynamics)	5	57	57	1.3	54
Strength of Materials	8	34	43	1.6	40
Material Properties	8	46	50	1.6	51
Fluid Mechanics	8	45	48	2.2	46
Electricity & Magnetism	11	38	47	2.4	43
Thermodynamics	8	50	42	1.8	36

PM Subject

Advanced Engineering Mathematics	6	60	60	1.5	61
Engineering Probability & Statistics PM	5	57	58	1.2	55
Biology	3	71	67	0.7	65
Engineering Economics PM	6	62	70	1.4	68
Application of Engineering Mechanics	8	36	39	1.7	40
Engineering of Materials	7	43	42	1.3	41
Fluids	9	44	48	1.8	47
Electricity & Magnetism PM	7	24	38	1.4	36
Thermodynamics & Heat Transfer	9	35	41	1.8	40

* 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

Currently Enrolled **Engineering**
 Subject Matter Report by Major and PM Examination

Board Code: **71**
 Major **Other Engineering**

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

	*Institution	National	Carnegie Comparator		
Examinees Taking	2	75	10		
Examinees Passing	1	45	6		
Examinees Passing %	50	60	60		
	# Exam Questions	Institution AVG % Correct	National AVG % Correct	National Standard Deviation **	Prof+A&S/HGC AVG % Correct ***

AM Subject

Mathematics	19	66	63	3.1	68
Engineering Probability & Statistics	8	63	59	1.5	61
Chemistry	11	68	63	2.0	61
Computers	8	69	72	1.6	71
Ethics & Business Practices	8	94	75	1.3	76
Engineering Economics	10	65	60	1.9	62
Engineering Mechanics (Statics)	8	38	46	2.0	49
Engineering Mechanics (Dynamics)	5	30	63	1.3	64
Strength of Materials	8	44	41	1.4	41
Material Properties	8	44	53	1.6	60
Fluid Mechanics	8	69	46	2.0	53
Electricity & Magnetism	11	64	51	2.4	59
Thermodynamics	8	56	45	1.9	49

PM Subject

Advanced Engineering Mathematics	6	50	70	1.4	72
Engineering Probability & Statistics PM	5	70	60	1.0	60
Biology	3	83	66	0.9	73
Engineering Economics PM	6	83	69	1.3	73
Application of Engineering Mechanics	8	38	43	1.5	40
Engineering of Materials	7	50	48	1.3	47
Fluids	9	67	48	1.8	53
Electricity & Magnetism PM	7	57	43	1.4	51
Thermodynamics & Heat Transfer	9	67	46	1.6	54

* 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.