



Center for the Enhancement of Teaching and Learning  
Atlanta, Georgia 30332-0383 USA  
TEL 404-894-4474  
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August 17, 2001

Dear Colleague:

As you know, CETL processes the Course/Instructor Opinion Survey (CIOS) results for the Institute. For 43 academic terms (39 quarters and 4 semesters—excluding summer sessions), we have been collecting data and updating the normative scores that provide a basis for interpreting individual ratings (categorized by class size since according to our experience and the general research, class size is the primary variable involved in significant differences in evaluation scores). Institute-wide normative data (for 1986-2001 and for 2000-2001) and normative data for each of the six colleges (for 1986-2001) are attached. The following explains how these results were obtained from the survey data and provides a key to interpreting the attached reports.

The survey results are divided into four topics for analysis. One item (item #24--“The instructor was an effective teacher”) and the three “clusters” are used to characterize responses:

- Cluster 1 (C1): Preparation and Presentation of Course (Items 10, 11, 13, 15, and 18)
- Cluster 2 (C2): Interaction with Students (Items 14, 19, 20, 21, 22)
- Cluster 3 (C3): Assessment of Student Performance (Items 12, 16, 17, 23)

For item #24, we generate the frequency distributions of normative data based on the *median* scores for this one question. For each of the clusters, first the *mean* of the four (C3) or five (C1 and C2) median scores for each item within a cluster are calculated; these means are then used to generate a normed curve. Frequency distributions of these means (or medians in the case of item #24) for all classes in that particular class size category are then used to generate “quintiles” (20th, 40th, 60th, 80th percentiles).

The reports entitled “ILLUSTRATION OF STABILITY OF NORM DATA” indicate the continuing stability of the survey data by showing how the cumulative data changes by adding in the most recent term.

The following notation will help you interpret the attached reports:

- “N” is the number of classes in a particular class size sample.
- The columns “Cut 1, Cut 2, Cut 3, and Cut 4” indicate where the lines that separate the quintiles on the accompanying curves are drawn.
- The survey responses range from 1 to 5 ( 1 – Strongly disagree; 2 – Disagree; 3 – Partially agree and partially disagree; 4 – Agree; 5 – Strongly agree).

I trust that these data are helpful to you. If you have any questions, feel free to contact me at [billie.pendletonparker@oars.gatech.edu](mailto:billie.pendletonparker@oars.gatech.edu) or 4-8898.

Sincerely,

Billie Pendleton-Parker  
Assistant Director, CETL  
CIOS Coordinator

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# College of Architecture 1986-2001

**NORMATIVE DATA FOR THE C.I.O.S.  
(COURSE / INSTRUCTOR OPINION SURVEY)**



## Illustration of Stability of Norm Data for the College of Architecture 1986-2001

Class Size: Less than 16

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	1298	4.43	3.97	4.25	4.59	4.80
43 Terms	24	1310	4.43	3.97	4.25	4.59	4.80
42 Terms	C1	1298	4.23	3.88	4.13	4.33	4.58
43 Terms	C1	1310	4.23	3.88	4.13	4.33	4.58
42 Terms	C2	1298	4.46	4.08	4.35	4.54	4.75
43 Terms	C2	1310	4.45	4.07	4.35	4.54	4.76
42 Terms	C3	1298	4.15	3.84	4.06	4.24	4.49
43 Terms	C3	1310	4.14	3.84	4.05	4.24	4.49

Class Size: 16-35

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	1243	4.25	3.86	4.14	4.39	4.72
43 Terms	24	1260	4.25	3.86	4.15	4.40	4.72
42 Terms	C1	1243	4.13	3.77	4.01	4.22	4.51
43 Terms	C1	1260	4.13	3.77	4.01	4.22	4.51
42 Terms	C2	1243	4.35	3.94	4.22	4.46	4.67
43 Terms	C2	1260	4.35	3.94	4.22	4.46	4.67
42 Terms	C3	1243	4.09	3.79	4.02	4.16	4.43
43 Terms	C3	1260	4.09	3.79	4.02	4.16	4.42

## Illustration of Stability of Norm Data for the College of Architecture 1986-2001

Class Size: 36-99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	506	4.21	3.77	4.11	4.31	4.68
43 Terms	24	518	4.21	3.78	4.12	4.31	4.68
42 Terms	C1	506	4.08	3.70	3.99	4.17	4.46
43 Terms	C1	518	4.09	3.70	3.99	4.18	4.46
42 Terms	C2	506	4.23	3.90	4.13	4.33	4.60
43 Terms	C2	518	4.23	3.90	4.13	4.34	4.61
42 Terms	C3	506	4.06	3.76	3.97	4.15	4.42
43 Terms	C3	518	4.06	3.74	3.97	4.15	4.42

Class Size: Greater than 99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	67	4.18	3.81	4.07	4.44	4.77
43 Terms	24	68	4.18	3.81	4.06	4.42	4.77
42 Terms	C1	67	4.10	3.73	4.01	4.20	4.57
43 Terms	C1	68	4.10	3.73	3.98	4.19	4.57
42 Terms	C2	67	4.20	3.74	4.02	4.31	4.65
43 Terms	C2	68	4.19	3.74	4.01	4.30	4.64
42 Terms	C3	67	4.16	3.82	4.01	4.29	4.57
43 Terms	C3	68	4.16	3.83	4.01	4.28	4.57

### LEGEND

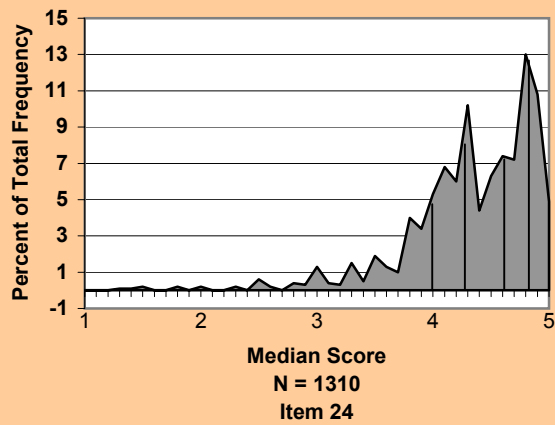
C1 is Preparation & Presentation = Items 10, 11, 13, 15, 18  
 C2 is Interaction with Students = Items 14, 19, 20, 21, 22  
 C3 is Assessment of Student Performance = Items 12, 16, 17, 23  
 Item 24 = The instructor was an effective teacher.

*Note: In the "Data" column, "Terms" refers to quarters for every term previous to Fall 1999 and to semesters for every term starting with Fall 1999.*

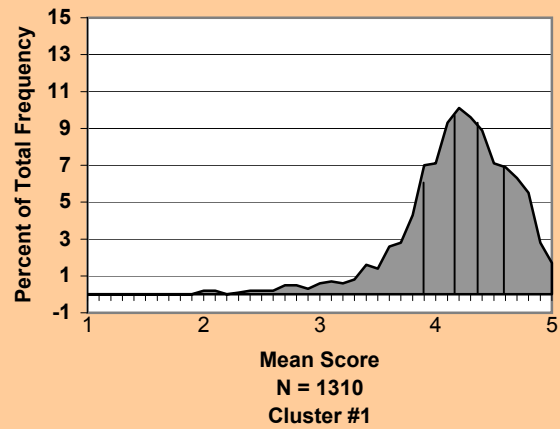
# Norm Data for the College of Architecture 1986-2001

## CLASS SIZE: LESS THAN 16

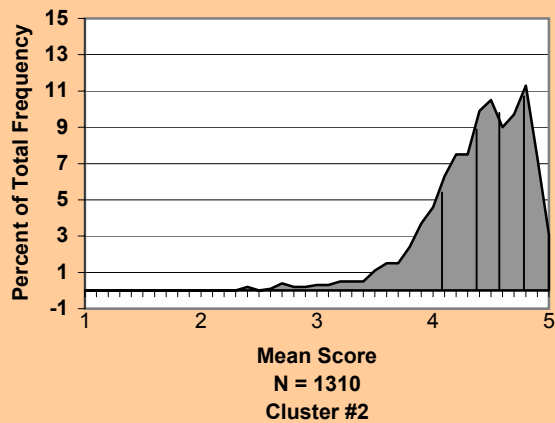
**Instructor was an Effective Teacher**



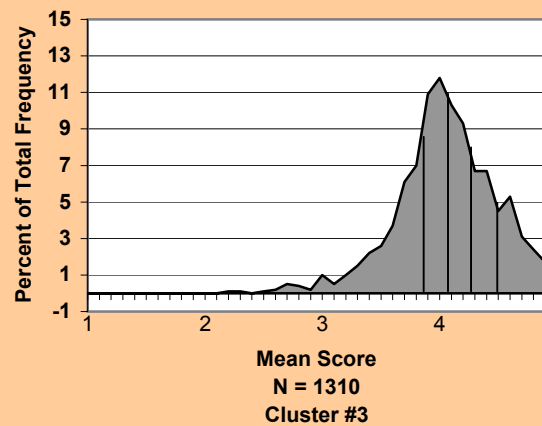
**Preparation and Presentation of Course**



**Interaction With Students**



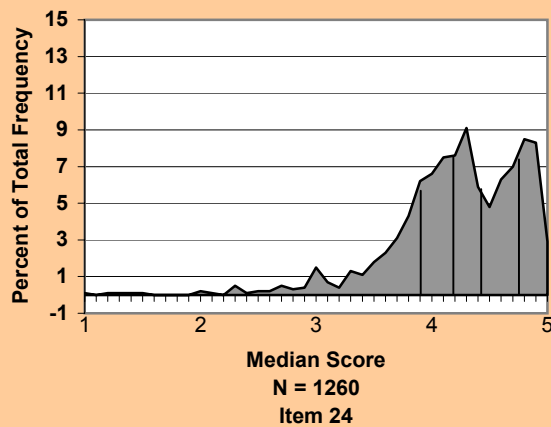
**Assessment of Student Performance**



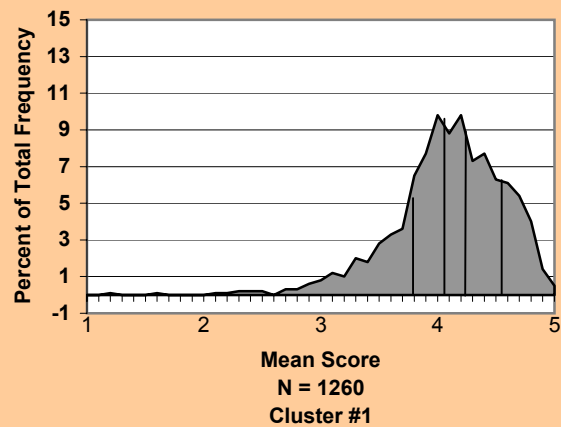
# Norm Data for the College of Architecture 1986-2001

## CLASS SIZE: 16 - 35

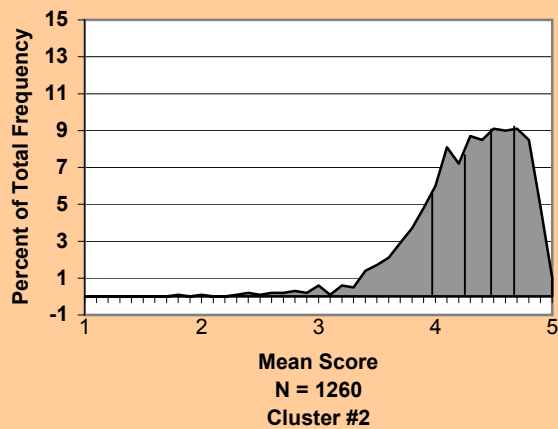
**Instructor was an Effective Teacher**



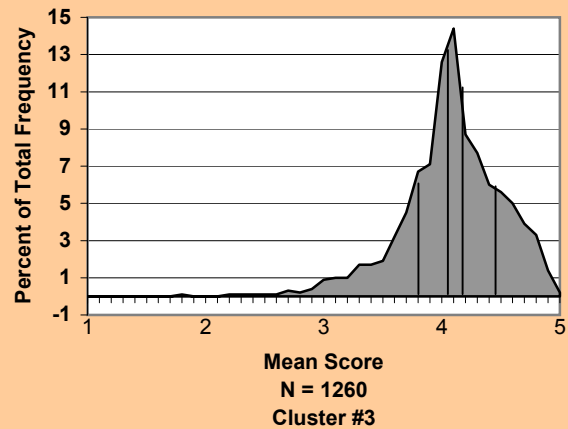
**Preparation and Presentation of Course**



**Interaction With Students**



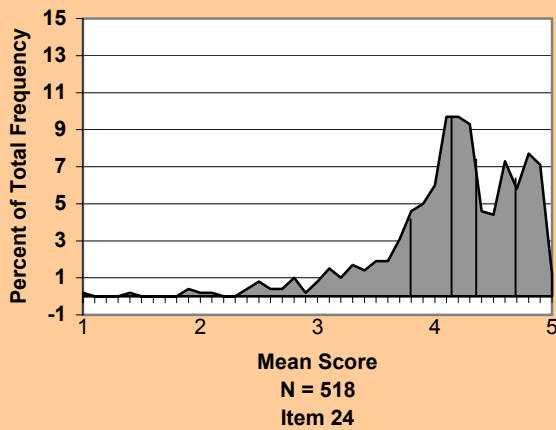
**Assessment of Student Performance**



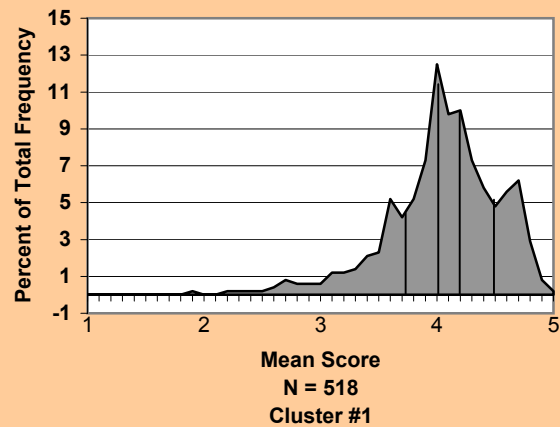
# Norm Data for the College of Architecture 1986-2001

## CLASS SIZE: 36 - 99

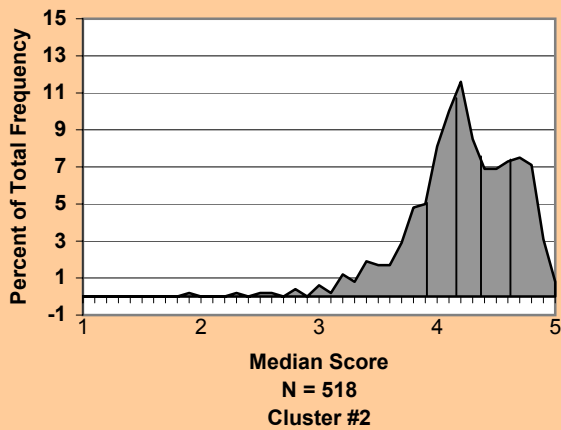
**Instructor was an Effective Teacher**



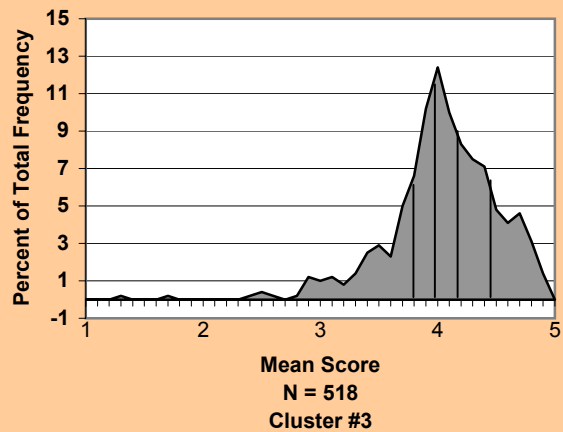
**Preparation and Presentation of Course**



**Interaction With Students**



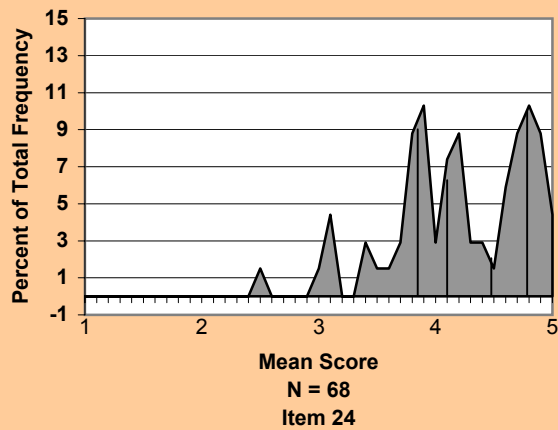
**Assessment of Student Performance**



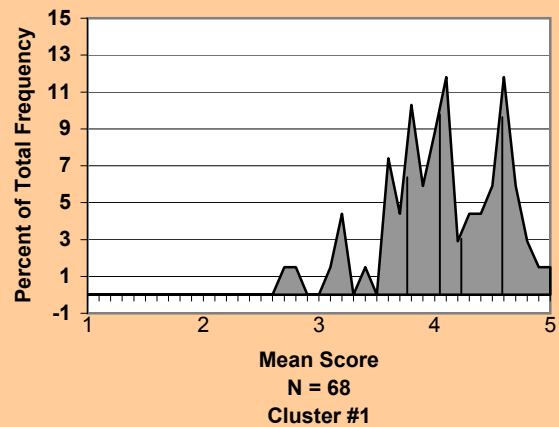
# Norm Data for the College of Architecture 1986-2001

## CLASS SIZE: Greater than 99

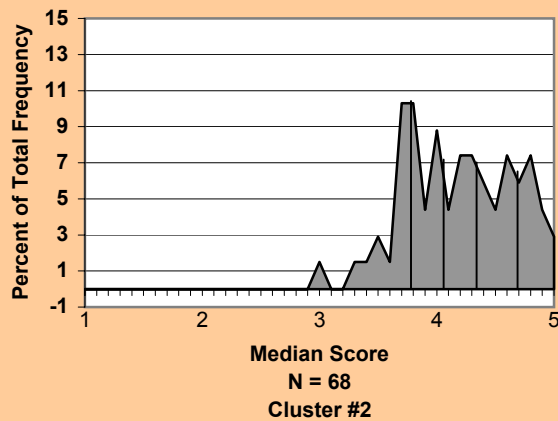
**Instructor was an Effective Teacher**



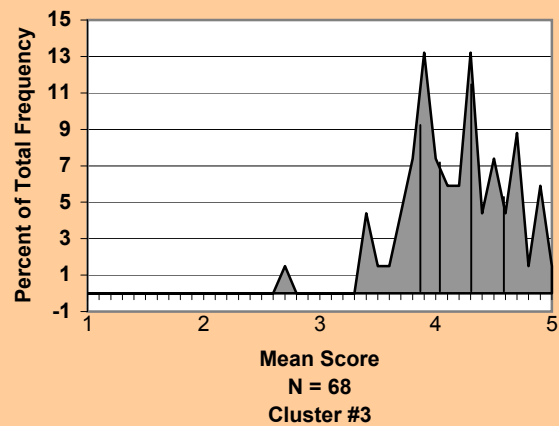
**Preparation and Presentation of Course**



**Interaction With Students**



**Assessment of Student Performance**





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# College of Computing 1986-2001

**NORMATIVE DATA FOR THE C.I.O.S.  
(COURSE / INSTRUCTOR OPINION SURVEY)**



## Illustration of Stability of Norm Data for the College of Computing 1986-2001

Class Size: Less than 16

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	395	4.44	3.99	4.23	4.50	4.75
43 Terms	24	399	4.44	3.99	4.23	4.50	4.75
42 Terms	C1	395	4.22	3.93	4.13	4.33	4.58
43 Terms	C1	399	4.22	3.93	4.13	4.33	4.59
42 Terms	C2	395	4.45	4.09	4.37	4.58	4.76
43 Terms	C2	399	4.45	4.09	4.37	4.59	4.76
42 Terms	C3	395	4.14	3.72	4.05	4.26	4.52
43 Terms	C3	399	4.14	3.72	4.05	4.26	4.53

Class Size: 16-35

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	879	4.17	3.76	4.06	4.27	4.58
43 Terms	24	918	4.17	3.73	4.04	4.25	4.57
42 Terms	C1	879	4.03	3.65	3.91	4.14	4.37
43 Terms	C1	918	4.03	3.63	3.90	4.13	4.37
42 Terms	C2	879	4.16	3.85	4.06	4.27	4.58
43 Terms	C2	918	4.15	3.83	4.06	4.26	4.57
42 Terms	C3	879	3.96	3.51	3.84	4.06	4.27
43 Terms	C3	918	3.94	3.47	3.82	4.04	4.26

## Illustration of Stability of Norm Data for the College of Computing 1986-2001

Class Size: 36-99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	863	4.11	3.72	3.99	4.21	4.46
43 Terms	24	921	4.10	3.69	3.99	4.20	4.44
42 Terms	C1	863	4.00	3.65	3.89	4.08	4.28
43 Terms	C1	921	4.00	3.62	3.87	4.08	4.27
42 Terms	C2	863	4.14	3.84	4.06	4.23	4.43
43 Terms	C2	921	4.13	3.82	4.05	4.22	4.42
42 Terms	C3	863	3.98	3.56	3.87	4.07	4.26
43 Terms	C3	921	3.97	3.51	3.85	4.06	4.25

Class Size: Greater than 99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	102	3.54	2.95	3.31	3.71	4.02
43 Terms	24	107	3.55	2.96	3.33	3.71	4.02
42 Terms	C1	102	3.52	3.17	3.42	3.58	3.91
43 Terms	C1	107	3.52	3.17	3.42	3.58	3.91
42 Terms	C2	102	3.60	3.12	3.42	3.70	4.01
43 Terms	C2	107	3.63	3.12	3.48	3.71	4.01
42 Terms	C3	102	3.57	3.12	3.47	3.63	3.89
43 Terms	C3	107	3.58	3.12	3.49	3.65	3.91

### LEGEND

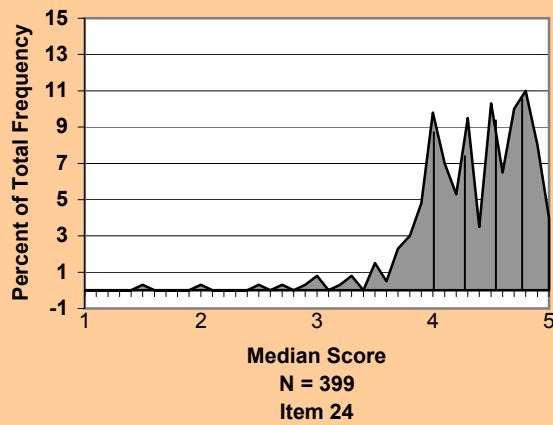
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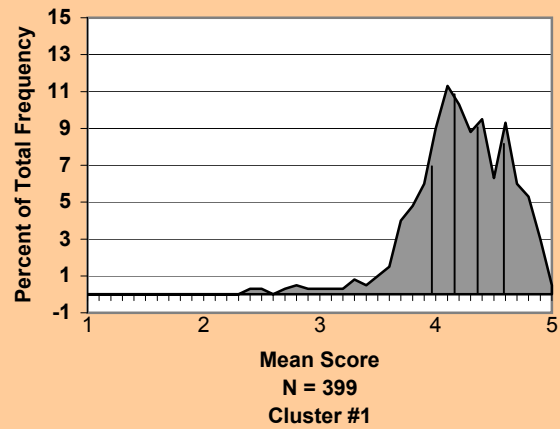
# Norm Data for the College of Computing 1986-2001

## CLASS SIZE: LESS THAN 16

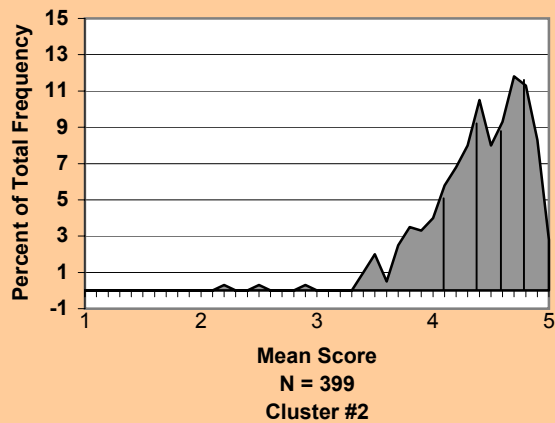
**Instructor was an Effective Teacher**



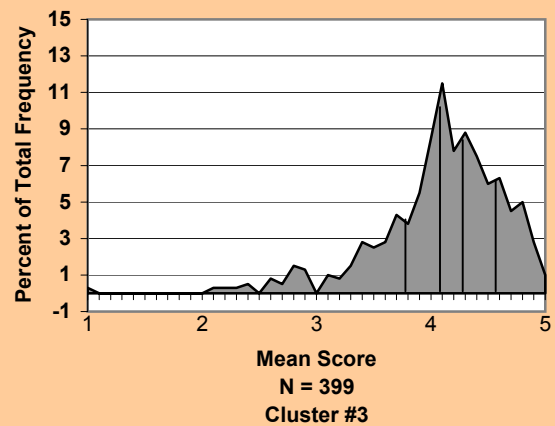
**Preparation and Presentation of Course**



**Interaction With Students**



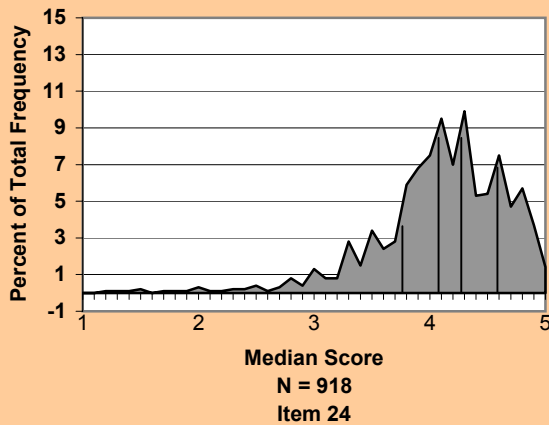
**Assessment of Student Performance**



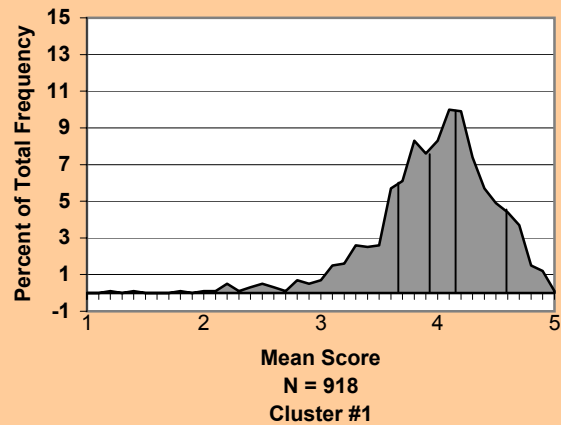
# Norm Data for the College of Computing 1986-2001

## CLASS SIZE: 16 - 35

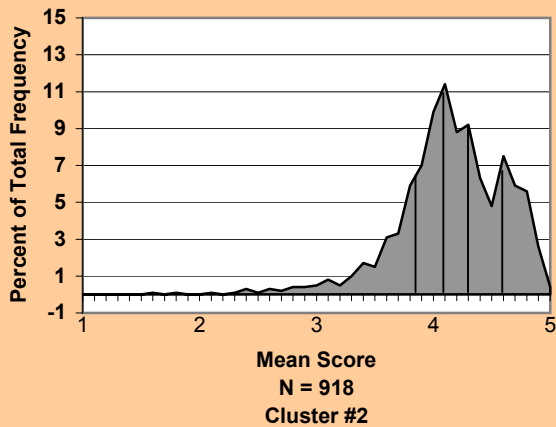
**Instructor was an Effective Teacher**



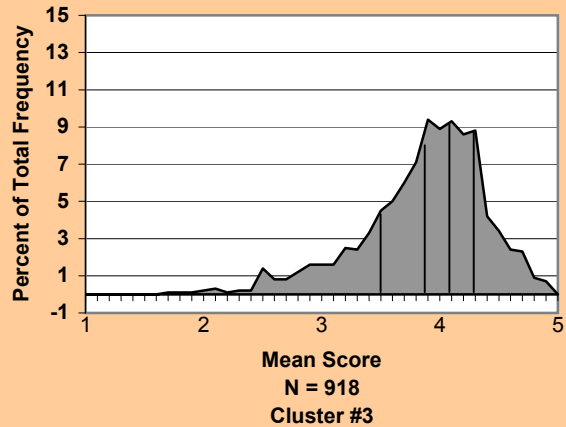
**Preparation and Presentation of Course**



**Interaction With Students**



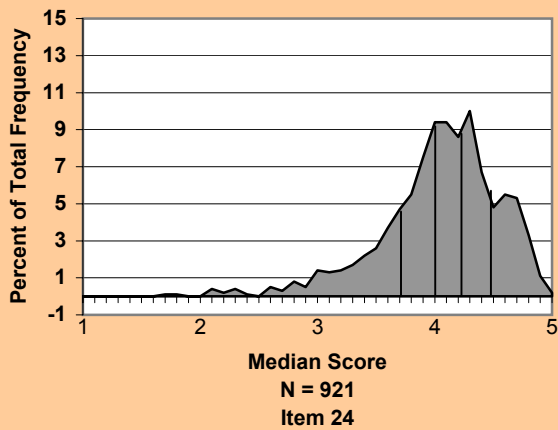
**Assessment of Student Performance**



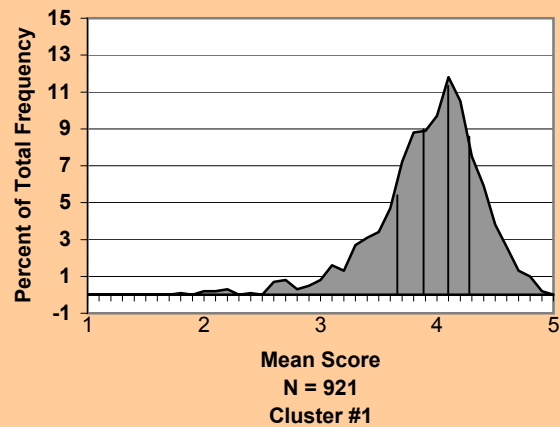
# Norm Data for the College of Computing 1986-2001

## CLASS SIZE: 36 - 99

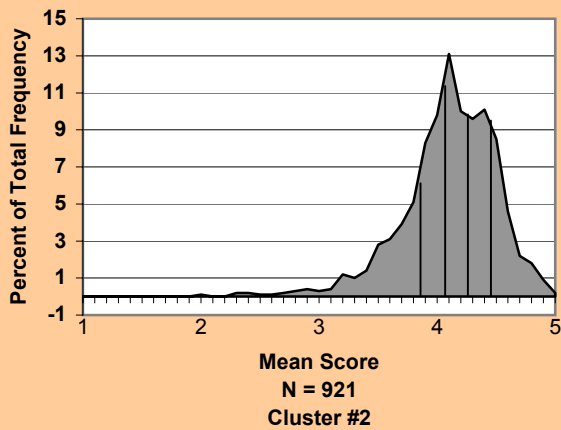
**Instructor was an Effective Teacher**



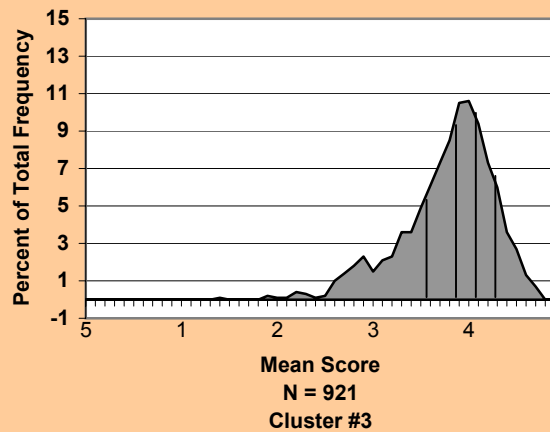
**Preparation and Presentation of Course**



**Interaction With Students**

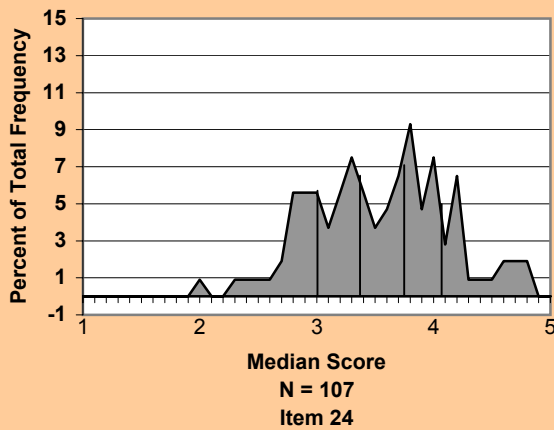


**Assessment of Student Performance**

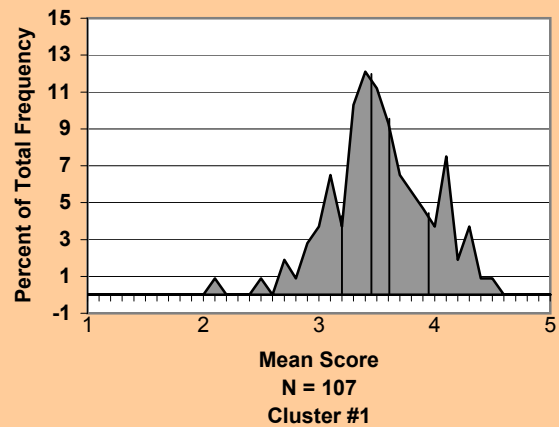


## CLASS SIZE: Greater than 99

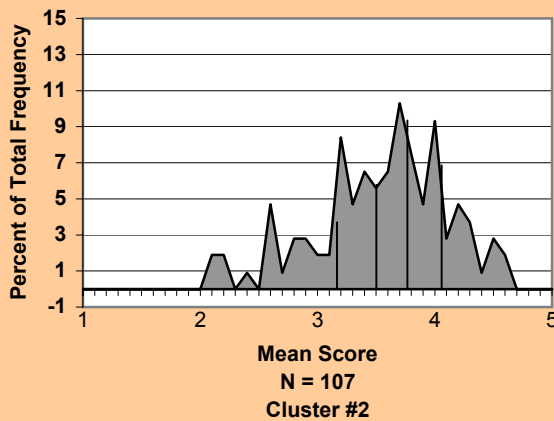
**Instructor was an Effective Teacher**



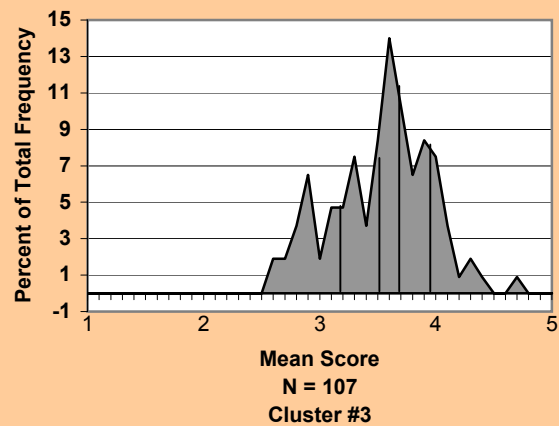
**Preparation and Presentation of Course**



**Interaction With Students**



**Assessment of Student Performance**



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# College of Engineering 1986-2001

**NORMATIVE DATA FOR THE C.I.O.S.  
(COURSE / INSTRUCTOR OPINION SURVEY)**





## Illustration of Stability of Norm Data for the College of Engineering 1986-2001

Class Size: Less than 16

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	3281	4.30	3.91	4.16	4.47	4.73
43 Terms	24	3317	4.30	3.91	4.16	4.47	4.73
42 Terms	C1	3281	4.17	3.81	4.06	4.26	4.54
43 Terms	C1	3317	4.17	3.81	4.06	4.26	4.53
42 Terms	C2	3281	4.37	4.01	4.26	4.47	4.68
43 Terms	C2	3317	4.37	4.01	4.26	4.47	4.68
42 Terms	C3	3281	4.12	3.79	4.02	4.20	4.45
43 Terms	C3	3317	4.12	3.79	4.02	4.20	4.45

Class Size: 16-35

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	5772	4.21	3.85	4.10	4.32	4.62
43 Terms	24	5900	4.21	3.85	4.10	4.32	4.63
42 Terms	C1	5772	4.10	3.75	4.00	4.18	4.40
43 Terms	C1	5900	4.10	3.75	4.00	4.18	4.40
42 Terms	C2	5772	4.24	3.92	4.14	4.34	4.56
43 Terms	C2	5900	4.24	3.92	4.14	4.34	4.56
42 Terms	C3	5772	4.04	3.72	3.95	4.12	4.30
43 Terms	C3	5900	4.04	3.72	3.95	4.12	4.30

## Illustration of Stability of Norm Data for the College of Engineering 1986-2001

Class Size: 36-99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	6613	4.12	3.74	4.00	4.22	4.50
43 Terms	24	6764	4.12	3.74	4.00	4.22	4.50
42 Terms	C1	6613	4.02	3.67	3.93	4.10	4.29
43 Terms	C1	6764	4.02	3.67	3.93	4.10	4.29
42 Terms	C2	6613	4.11	3.79	4.01	4.19	4.41
43 Terms	C2	6764	4.11	3.79	4.01	4.19	4.41
42 Terms	C3	6613	3.99	3.65	3.90	4.06	4.22
43 Terms	C3	6764	3.99	3.65	3.90	4.06	4.22

Class Size: Greater than 99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	378	4.00	3.56	3.89	4.09	4.40
43 Terms	24	387	3.99	3.55	3.88	4.08	4.40
42 Terms	C1	378	3.89	3.51	3.80	3.98	4.21
43 Terms	C1	387	3.89	3.51	3.80	3.98	4.21
42 Terms	C2	378	4.00	3.62	3.90	4.10	4.35
43 Terms	C2	387	3.99	3.60	3.89	4.09	4.34
42 Terms	C3	378	3.93	3.59	3.84	3.99	4.13
43 Terms	C3	387	3.93	3.59	3.84	3.99	4.12

### LEGEND

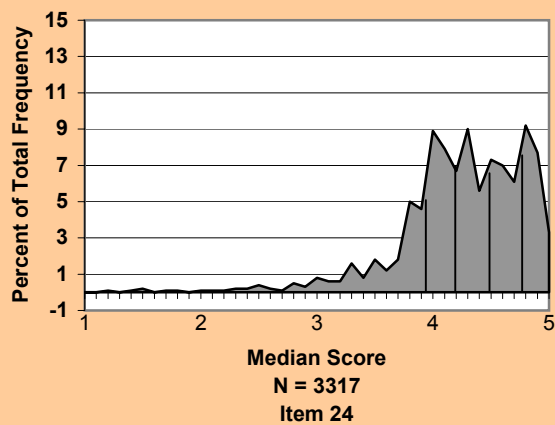
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 Item 24 = The instructor was an effective teacher.

*Note: In the "Data" column, "Terms" refers to quarters for every term previous to Fall 1999 and to semesters for every term starting with Fall 1999.*

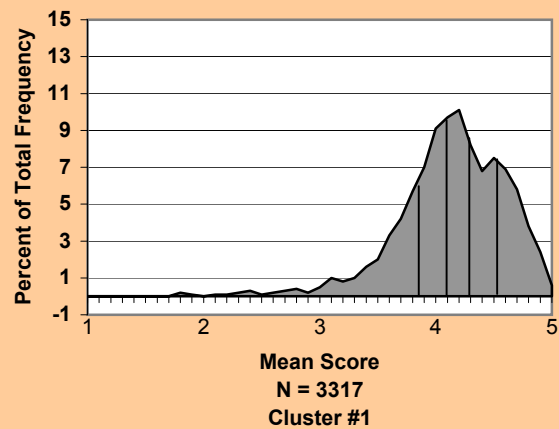
# Norm Data for the College of Engineering 1986-2001

## CLASS SIZE: LESS THAN 16

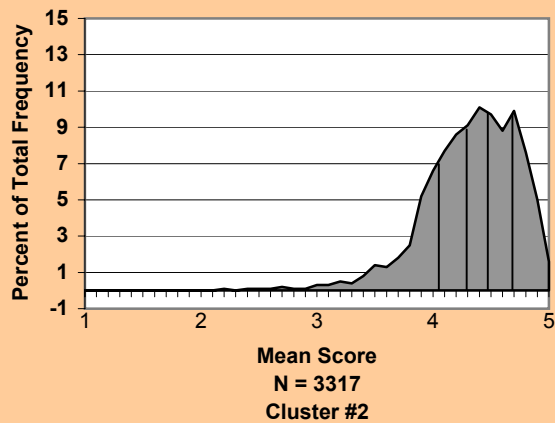
**Instructor was an Effective Teacher**



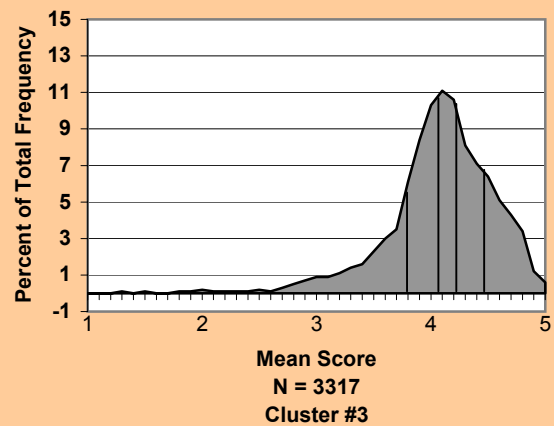
**Preparation and Presentation of Course**



**Interaction With Students**



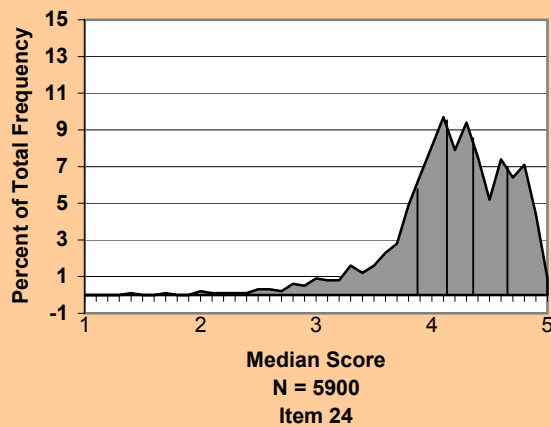
**Assessment of Student Performance**



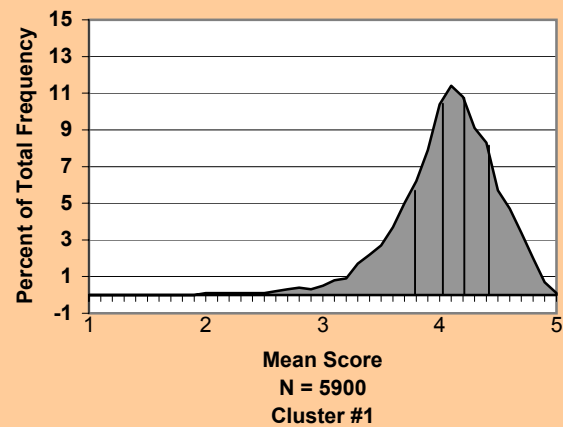
# Norm Data for the College of Engineering 1986-2001

## CLASS SIZE: 16 - 35

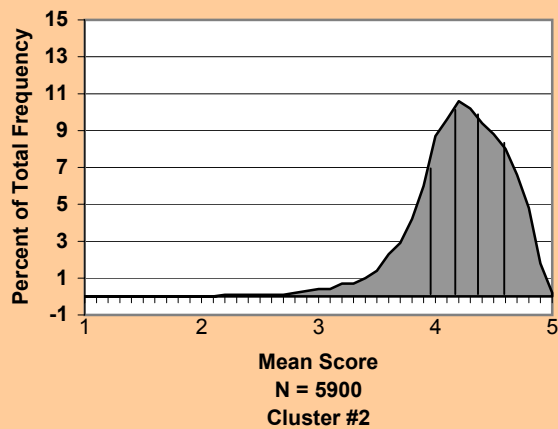
**Instructor was an Effective Teacher**



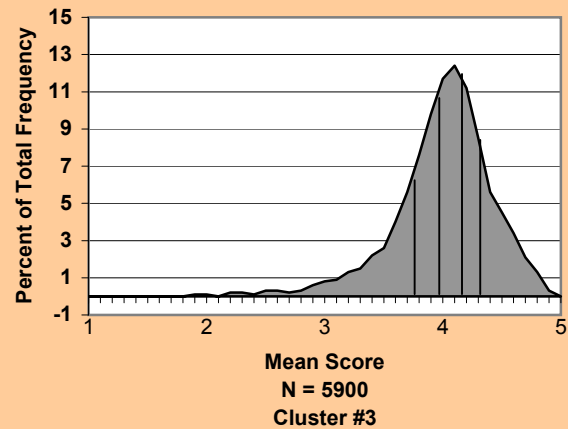
**Preparation and Presentation of Course**



**Interaction With Students**



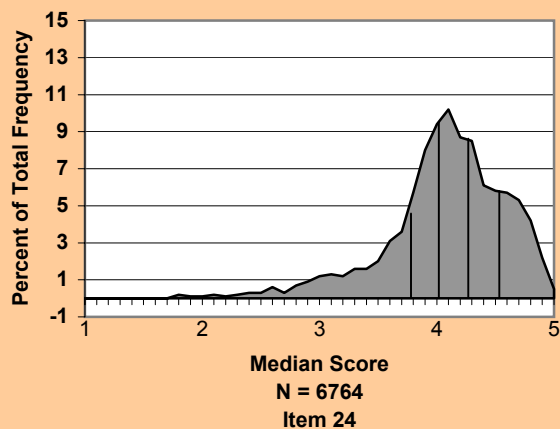
**Assessment of Student Performance**



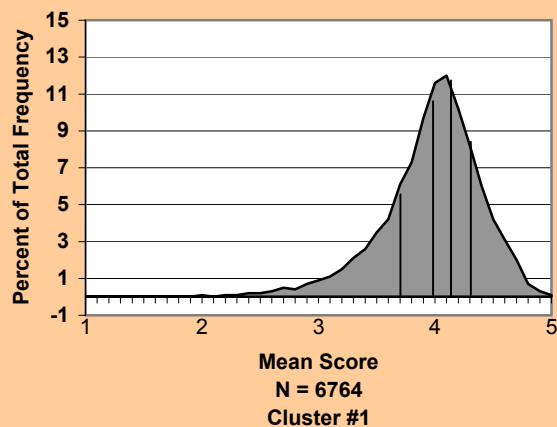
# Norm Data for the College of Engineering 1986-2001

## CLASS SIZE: 36 - 99

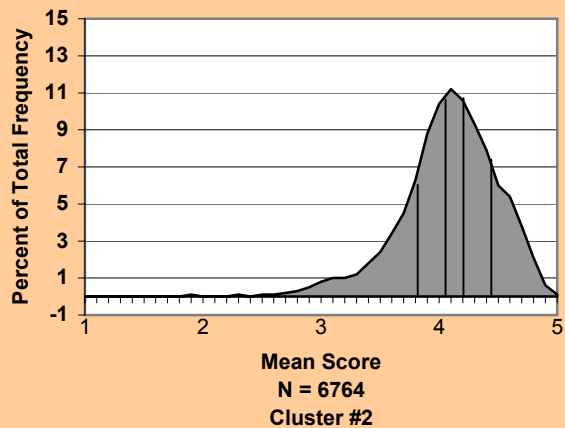
**Instructor was an Effective Teacher**



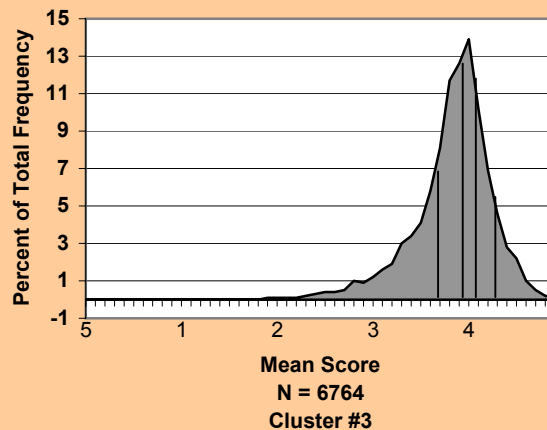
**Preparation and Presentation of Course**



**Interaction With Students**

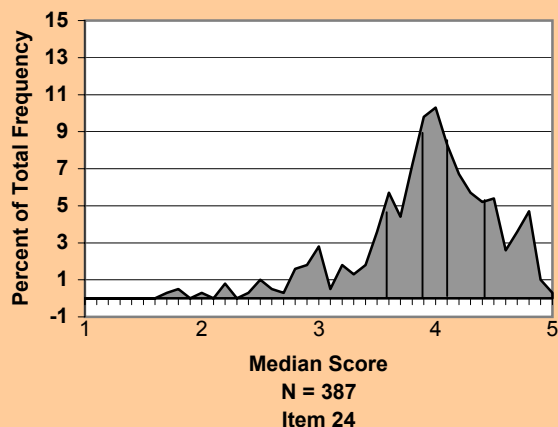


**Assessment of Student Performance**

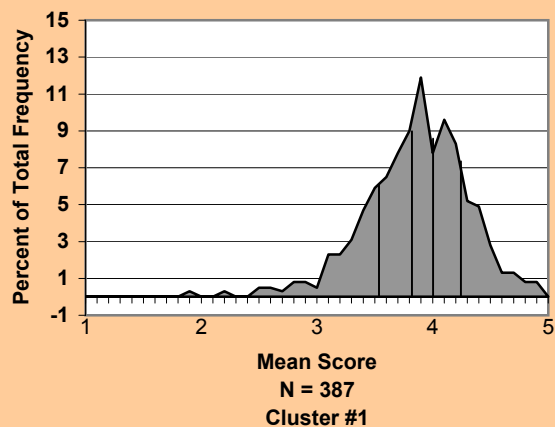


## CLASS SIZE: Greater than 99

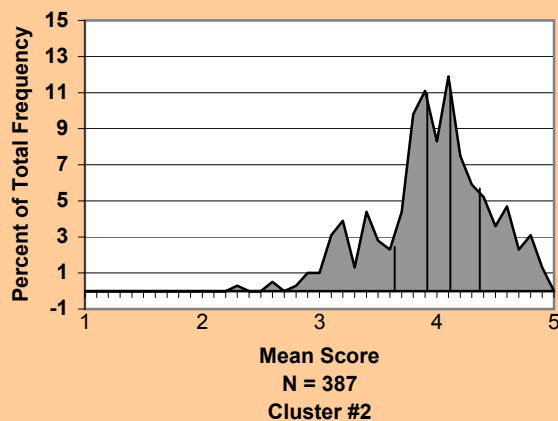
Instructor was an Effective Teacher



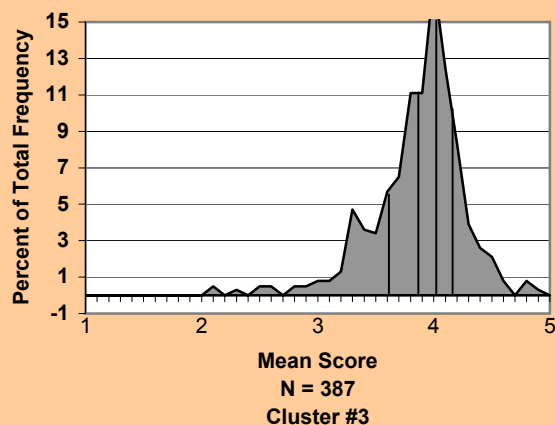
Preparation and Presentation of Course



Interaction With Students



Assessment of Student Performance



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# Ivan Allen College 1986-2001

**NORMATIVE DATA FOR THE C.I.O.S.  
(COURSE / INSTRUCTOR OPINION SURVEY)**

**C  
E  
T  
L**

Center for the  
enhancement of  
teaching &  
learning

# Illustration of Stability of Norm Data for the Ivan Allen College 1986-2001

Class Size: Less than 16

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	1650	4.54	4.08	4.38	4.67	4.83
43 Terms	24	1663	4.54	4.09	4.38	4.67	4.83
42 Terms	C1	1650	4.36	4.01	4.24	4.47	4.67
43 Terms	C1	1663	4.37	4.02	4.24	4.47	4.66
42 Terms	C2	1650	4.54	4.19	4.43	4.62	4.80
43 Terms	C2	1663	4.54	4.20	4.43	4.62	4.80
42 Terms	C3	1650	4.29	4.00	4.18	4.39	4.64
43 Terms	C3	1663	4.29	4.00	4.18	4.39	4.64

Class Size: 16-35

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	4834	4.40	4.00	4.27	4.55	4.74
43 Terms	24	4966	4.40	4.00	4.27	4.54	4.74
42 Terms	C1	4834	4.24	3.94	4.15	4.32	4.52
43 Terms	C1	4966	4.24	3.94	4.15	4.33	4.52
42 Terms	C2	4834	4.41	4.10	4.32	4.49	4.67
43 Terms	C2	4966	4.42	4.11	4.32	4.49	4.68
42 Terms	C3	4834	4.20	3.95	4.12	4.27	4.49
43 Terms	C3	4966	4.20	3.95	4.12	4.27	4.49



# Illustration of Stability of Norm Data for the Ivan Allen College 1986-2001

Class Size: 36-99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	3532	4.27	3.89	4.15	4.38	4.65
43 Terms	24	3597	4.27	3.89	4.15	4.37	4.65
42 Terms	C1	3532	4.14	3.83	4.05	4.22	4.41
43 Terms	C1	3597	4.14	3.83	4.05	4.22	4.41
42 Terms	C2	3532	4.29	3.98	4.19	4.37	4.57
43 Terms	C2	3597	4.29	3.98	4.19	4.37	4.57
42 Terms	C3	3532	4.09	3.82	4.01	4.15	4.33
43 Terms	C3	3597	4.08	3.82	4.01	4.15	4.33

Class Size: Greater than 99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	597	4.15	3.77	4.03	4.24	4.52
43 Terms	24	616	4.15	3.77	4.03	4.24	4.51
42 Terms	C1	597	4.08	3.73	3.97	4.17	4.36
43 Terms	C1	616	4.08	3.74	3.97	4.17	4.36
42 Terms	C2	597	4.08	3.74	4.00	4.13	4.36
43 Terms	C2	616	4.08	3.75	4.01	4.13	4.35
42 Terms	C3	597	4.03	3.76	3.97	4.08	4.23
43 Terms	C3	616	4.03	3.75	3.97	4.08	4.23

## LEGEND

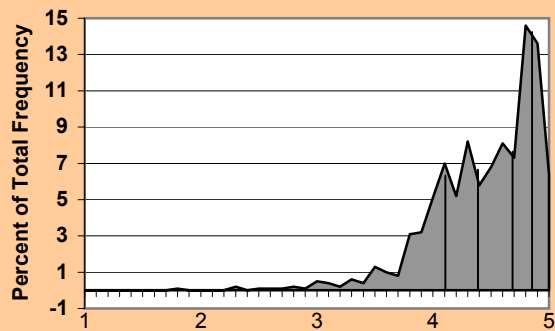
C1 is Preparation & Presentation = Items 10, 11, 13, 15, 18  
 C2 is Interaction with Students = Items 14, 19, 20, 21, 22  
 C3 is Assessment of Student Performance = Items 12, 16, 17, 23  
 Item 24 = The instructor was an effective teacher.

*Note: In the "Data" column, "Terms" refers to quarters for every term previous to Fall 1999 and to semesters for every term starting with Fall 1999.*

# Norm Data for the Ivan Allen College 1986-2001

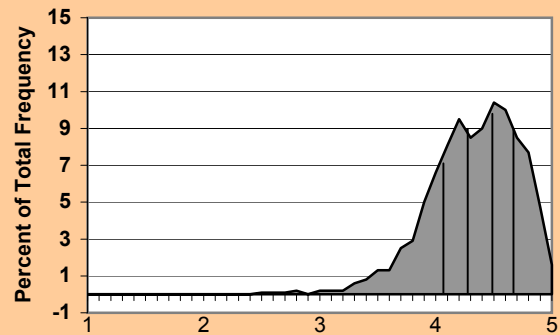
## CLASS SIZE: LESS THAN 16

**Instructor was an Effective Teacher**



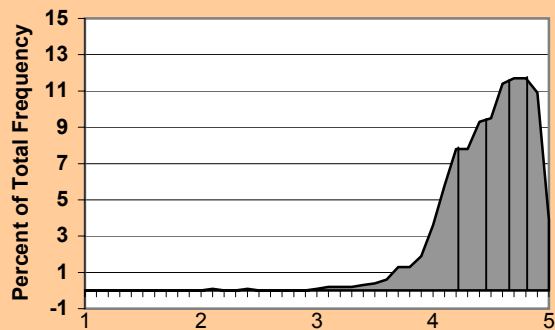
Median Score  
N = 1663  
Item 24

**Preparation and Presentation of Course**



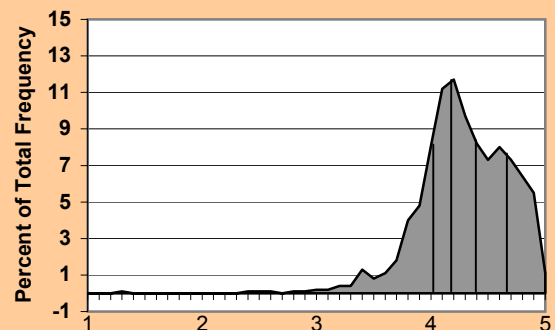
Mean Score  
N = 1663  
Cluster #1

**Interaction With Students**



Mean Score  
N = 1663  
Cluster #2

**Assessment of Student Performance**

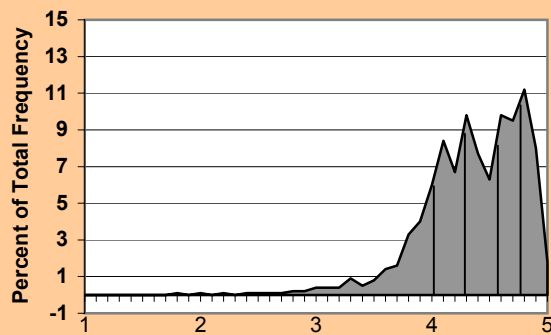


Mean Score  
N = 1663  
Cluster #3

# Norm Data for the Ivan Allen College 1986-2001

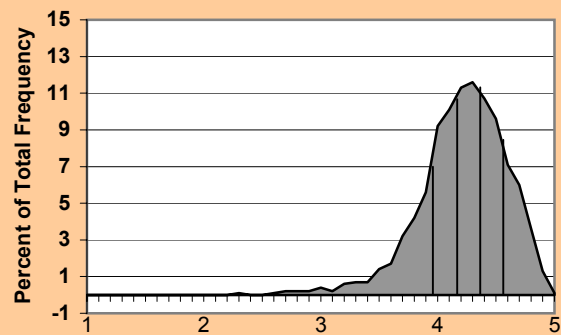
## CLASS SIZE: 16 - 35

**Instructor was an Effective Teacher**



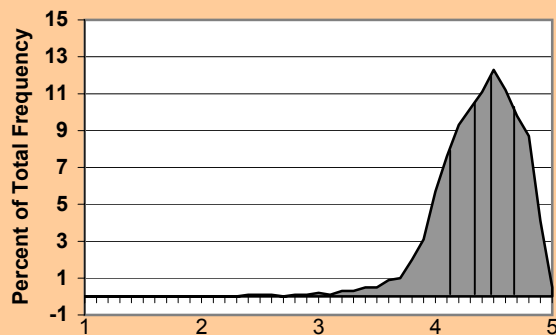
Median Score  
N = 4966  
Item 24

**Preparation and Presentation of Course**



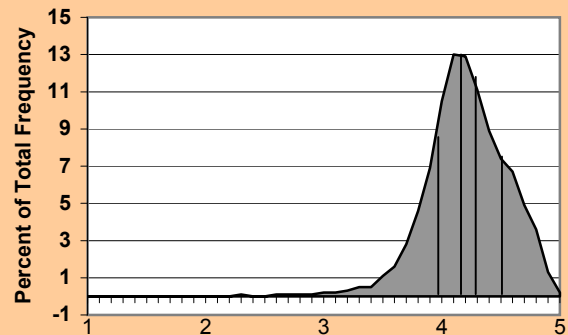
Mean Score  
N = 4966  
Cluster #1

**Interaction With Students**



Mean Score  
N = 4966  
Cluster #2

**Assessment of Student Performance**

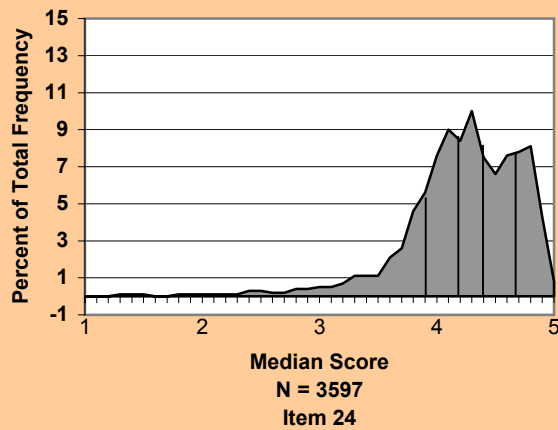


Mean Score  
N = 4966  
Cluster #3

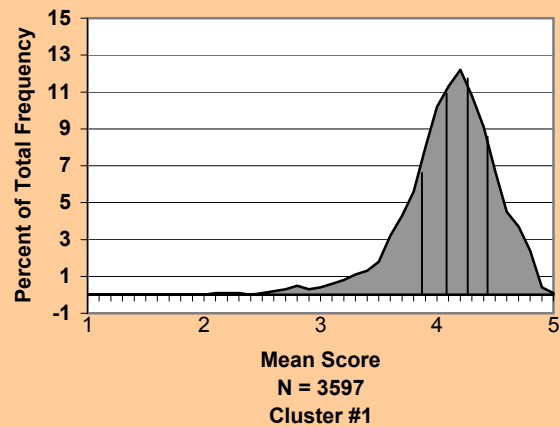
# Norm Data for the Ivan Allen College 1986-2001

## CLASS SIZE: 36 - 99

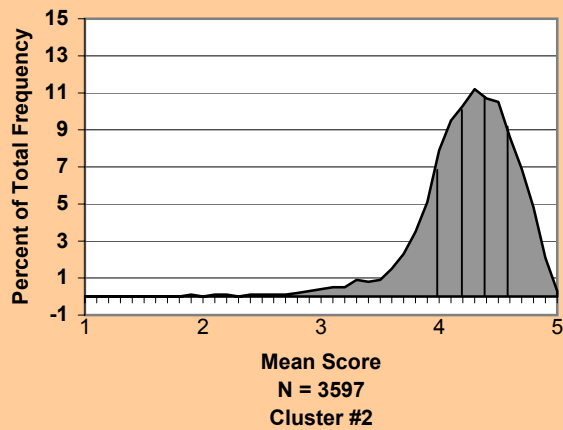
**Instructor was an Effective Teacher**



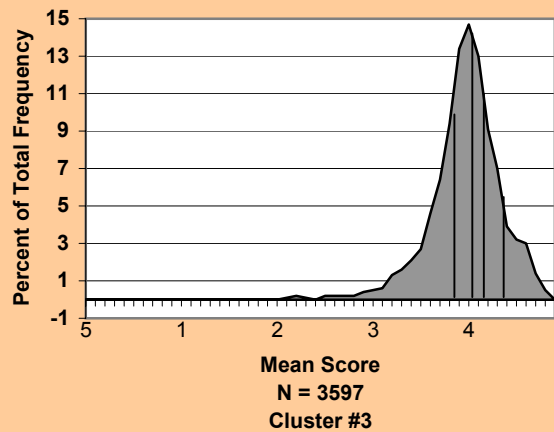
**Preparation and Presentation of Course**



**Interaction With Students**



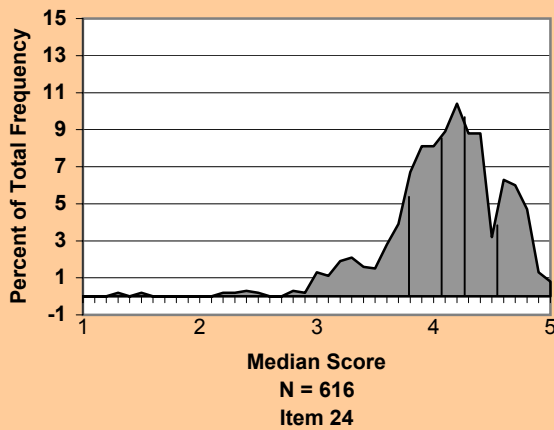
**Assessment of Student Performance**



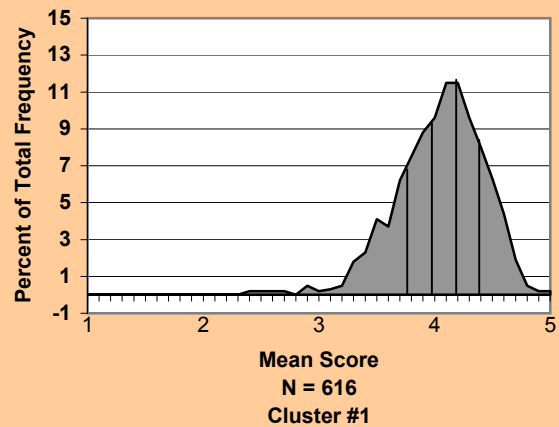
# Norm Data for the Ivan Allen College 1986-2001

## CLASS SIZE: Greater than 99

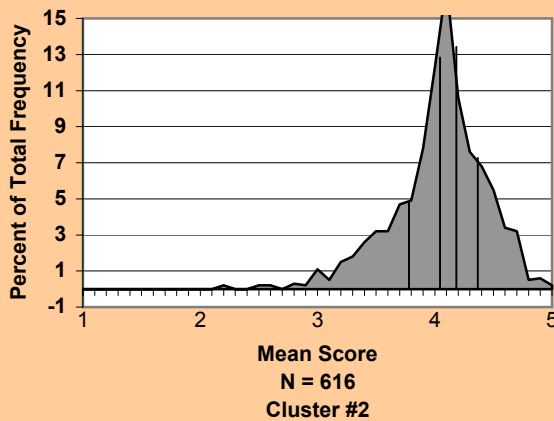
Instructor was an Effective Teacher



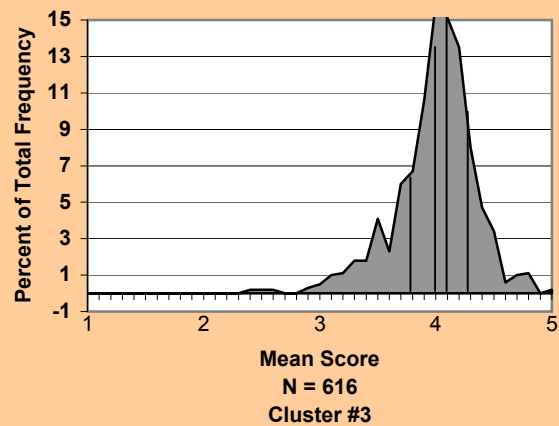
Preparation and Presentation of Course



Interaction With Students



Assessment of Student Performance



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# College of Management 1986-2001

**NORMATIVE DATA FOR THE C.I.O.S.  
(COURSE / INSTRUCTOR OPINION SURVEY)**



# Illustration of Stability of Norm Data for the College of Management 1986-2001

Class Size: Less than 16

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	19	4.27	3.78	4.09	4.47	4.77
43 Terms	24	24	4.42	3.93	4.17	4.55	4.84
42 Terms	C1	19	4.31	3.58	4.19	4.40	4.67
43 Terms	C1	24	4.32	3.91	4.24	4.48	4.66
42 Terms	C2	19	4.38	4.09	4.33	4.42	4.82
43 Terms	C2	24	4.44	4.12	4.37	4.55	4.85
42 Terms	C3	19	4.31	3.89	4.01	4.37	4.68
43 Terms	C3	24	4.33	3.93	4.14	4.41	4.73

Class Size: 16-35

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	86	4.36	3.97	4.25	4.51	4.74
43 Terms	24	106	4.40	4.01	4.29	4.53	4.72
42 Terms	C1	86	4.36	4.00	4.25	4.42	4.59
43 Terms	C1	106	4.37	4.02	4.28	4.43	4.59
42 Terms	C2	86	4.38	4.14	4.30	4.52	4.76
43 Terms	C2	106	4.46	4.15	4.34	4.57	4.77
42 Terms	C3	86	4.26	3.91	4.14	4.33	4.54
43 Terms	C3	106	4.26	3.96	4.15	4.35	4.55

## Illustration of Stability of Norm Data for the College of Management 1986-2001

Class Size: 36-99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	282	4.18	3.78	4.11	4.27	4.57
43 Terms	24	344	4.17	3.78	4.09	4.26	4.50
42 Terms	C1	282	4.12	3.72	4.03	4.20	4.42
43 Terms	C1	344	4.09	3.72	4.02	4.18	4.41
42 Terms	C2	282	4.29	4.00	4.18	4.37	4.57
43 Terms	C2	344	4.27	3.98	4.17	4.36	4.54
42 Terms	C3	282	4.08	3.65	3.95	4.15	4.34
43 Terms	C3	344	4.06	3.67	3.95	4.14	4.32

Class Size: Greater than 99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	42	3.93	3.07	3.81	4.00	4.30
43 Terms	24	47	3.95	3.19	3.87	4.02	4.27
42 Terms	C1	42	3.82	3.13	3.73	3.96	4.21
43 Terms	C1	47	3.86	3.16	3.77	3.99	4.21
42 Terms	C2	42	3.94	3.24	3.73	4.05	4.26
43 Terms	C2	47	4.01	3.37	3.84	4.06	4.28
42 Terms	C3	42	3.85	3.31	3.70	3.96	4.24
43 Terms	C3	47	3.92	3.34	3.75	4.00	4.23

### LEGEND

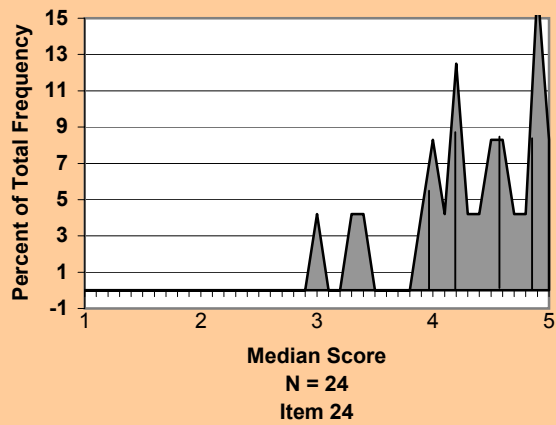
C1 is Preparation & Presentation = Items 10, 11, 13, 15, 18  
 C2 is Interaction with Students = Items 14, 19, 20, 21, 22  
 C3 is Assessment of Student Performance = Items 12, 16, 17, 23  
 Item 24 = The instructor was an effective teacher.

*Note: In the "Data" column, "Terms" refers to quarters for every term previous to Fall 1999 and to semesters for every term starting with Fall 1999.*

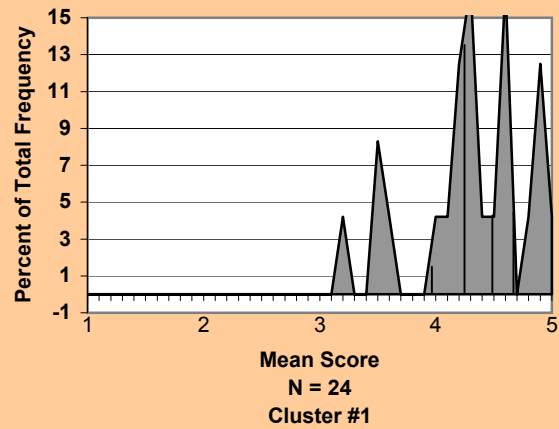


## CLASS SIZE: LESS THAN 16

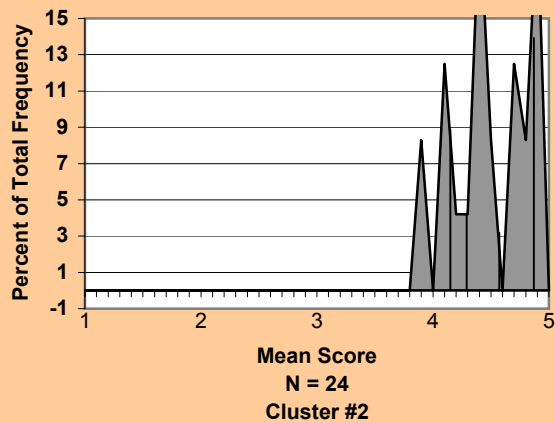
**Instructor was an Effective Teacher**



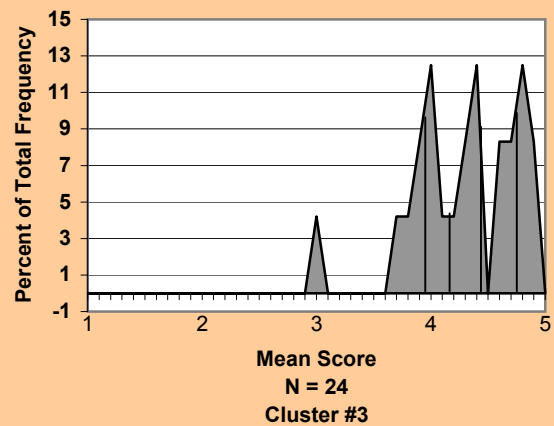
**Preparation and Presentation of Course**



**Interaction With Students**



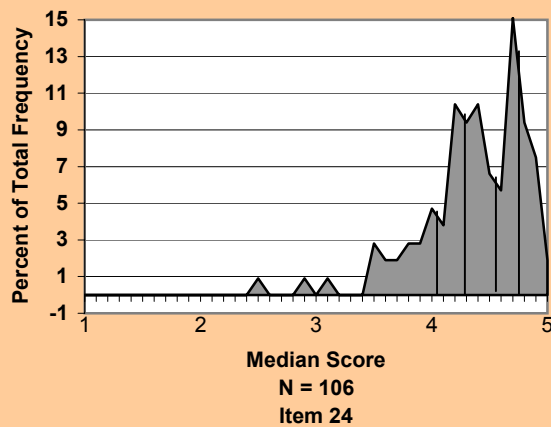
**Assessment of Student Performance**



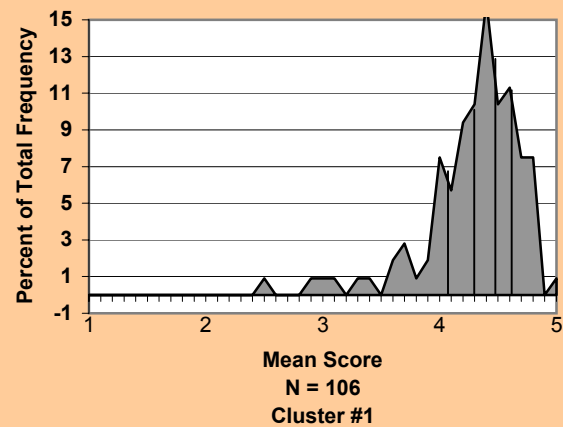
# Norm Data for the College of Management 1986-2001

## CLASS SIZE: 16 - 35

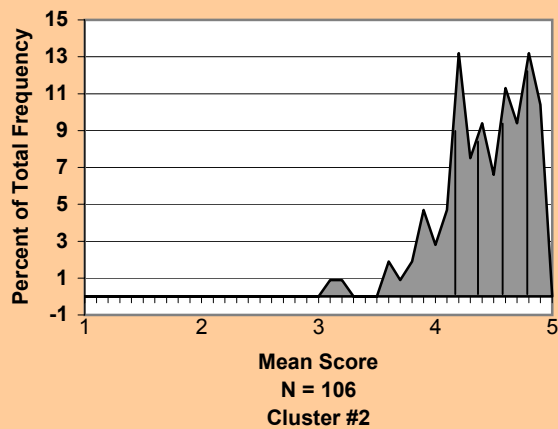
**Instructor was an Effective Teacher**



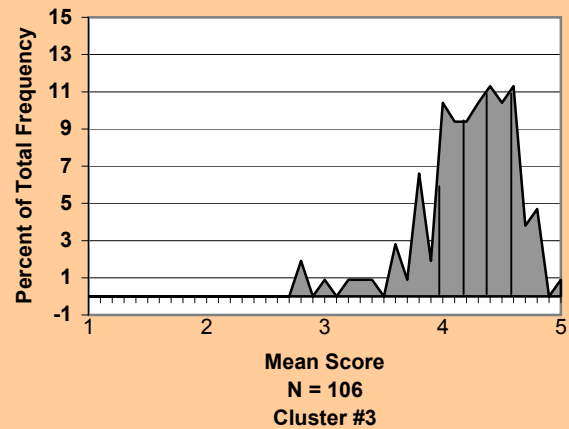
**Preparation and Presentation of Course**



**Interaction With Students**



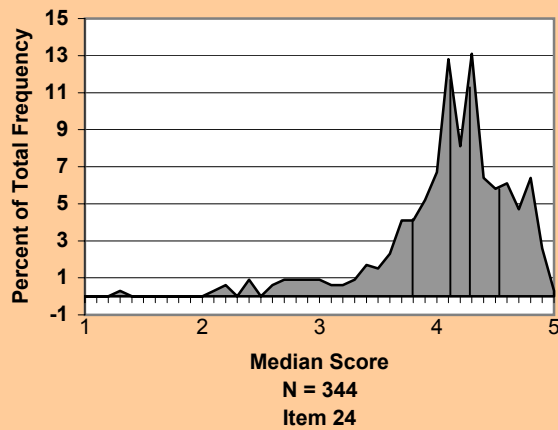
**Assessment of Student Performance**



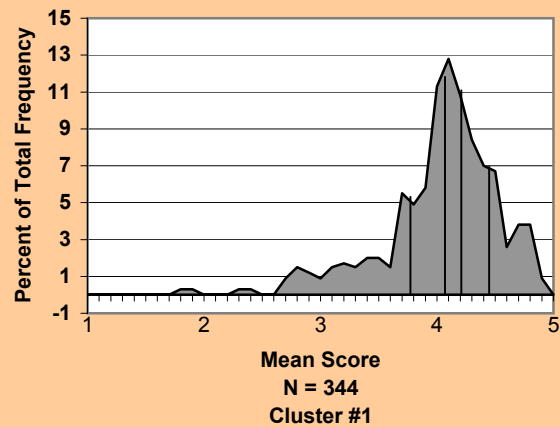
# Norm Data for the College of Management 1986-2001

## CLASS SIZE: 36 - 99

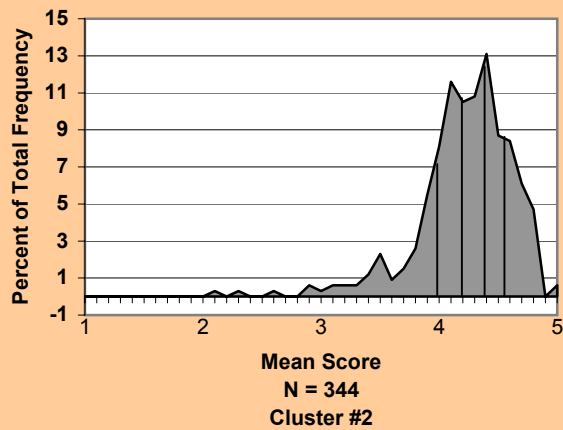
**Instructor was an Effective Teacher**



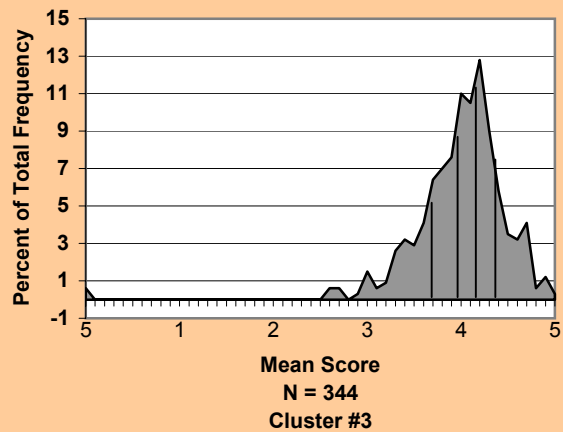
**Preparation and Presentation of Course**



**Interaction With Students**

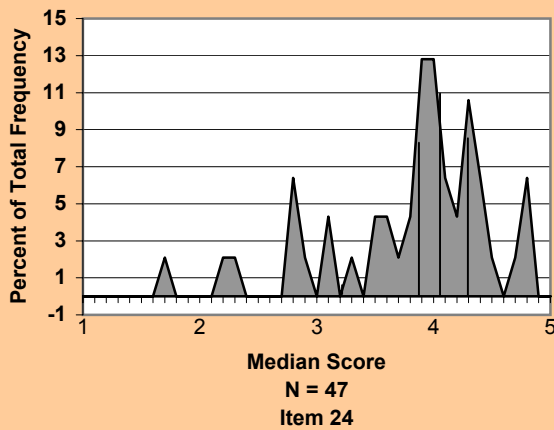


**Assessment of Student Performance**

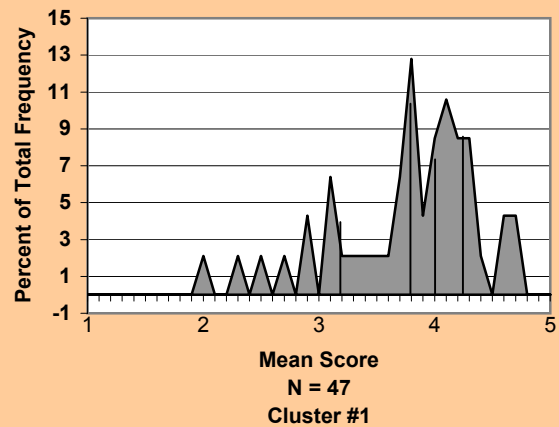


## CLASS SIZE: Greater than 99

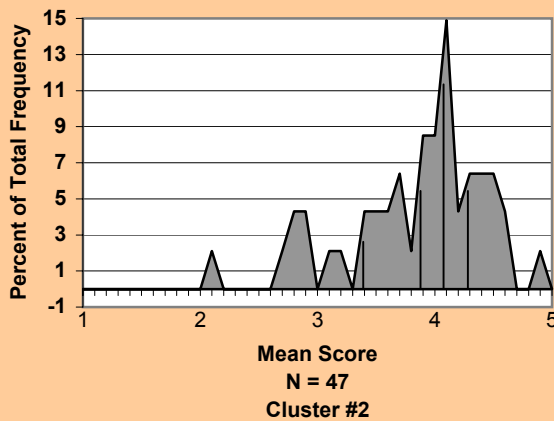
**Instructor was an Effective Teacher**



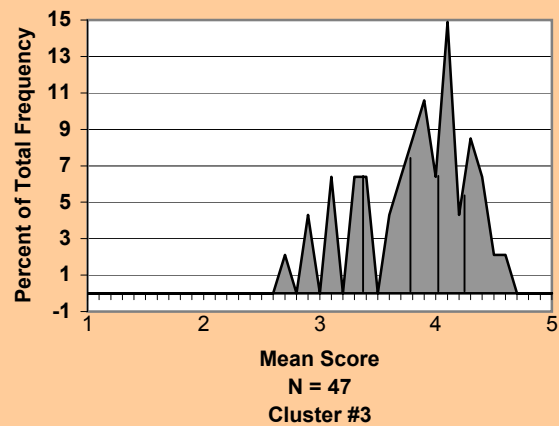
**Preparation and Presentation of Course**



**Interaction With Students**



**Assessment of Student Performance**



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# College of Sciences 1986-2001

**NORMATIVE DATA FOR THE C.I.O.S.  
(COURSE / INSTRUCTOR OPINION SURVEY)**



## Illustration of Stability of Norm Data for the College of Sciences 1986-2001

Class Size: Less than 16

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	1387	4.33	3.89	4.19	4.49	4.78
43 Terms	24	1395	4.33	3.89	4.19	4.49	4.78
42 Terms	C1	1387	4.19	3.80	4.06	4.31	4.59
43 Terms	C1	1395	4.19	3.80	4.07	4.31	4.59
42 Terms	C2	1387	4.38	3.97	4.25	4.48	4.69
43 Terms	C2	1395	4.38	3.97	4.25	4.48	4.69
42 Terms	C3	1387	4.12	3.75	4.01	4.21	4.50
43 Terms	C3	1395	4.12	3.75	4.01	4.21	4.50

Class Size: 16-35

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	2547	4.17	3.67	4.00	4.30	4.63
43 Terms	24	2643	4.16	3.66	3.99	4.29	4.63
42 Terms	C1	2547	4.06	3.61	3.93	4.15	4.42
43 Terms	C1	2643	4.05	3.59	3.92	4.15	4.42
42 Terms	C2	2547	4.19	3.74	4.06	4.30	4.54
43 Terms	C2	2643	4.19	3.73	4.07	4.29	4.53
42 Terms	C3	2547	4.03	3.61	3.92	4.13	4.36
43 Terms	C3	2643	4.02	3.60	3.92	4.12	4.36

## Illustration of Stability of Norm Data for the College of Sciences 1986-2001

Class Size: 36-99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	2889	4.00	3.49	3.89	4.14	4.42
43 Terms	24	2986	4.00	3.49	3.88	4.13	4.41
42 Terms	C1	2889	3.92	3.45	3.80	4.02	4.24
43 Terms	C1	2986	3.91	3.44	3.79	4.02	4.24
42 Terms	C2	2889	4.02	3.62	3.91	4.11	4.34
43 Terms	C2	2986	4.02	3.61	3.91	4.10	4.34
42 Terms	C3	2889	3.95	3.54	3.85	4.03	4.21
43 Terms	C3	2986	3.94	3.53	3.84	4.03	4.20

Class Size: Greater than 99

Data	Item	N	Median	Cut1	Cut 2	Cut 3	Cut 4
42 Terms	24	1263	4.05	3.50	3.92	4.16	4.49
43 Terms	24	1291	4.05	3.50	3.92	4.16	4.47
42 Terms	C1	1263	3.95	3.51	3.82	4.06	4.26
43 Terms	C1	1291	3.95	3.51	3.82	4.05	4.25
42 Terms	C2	1263	3.97	3.50	3.86	4.06	4.28
43 Terms	C2	1291	3.97	3.51	3.86	4.06	4.28
42 Terms	C3	1263	3.94	3.54	3.84	4.02	4.21
43 Terms	C3	1291	3.94	3.54	3.84	4.02	4.20

### LEGEND

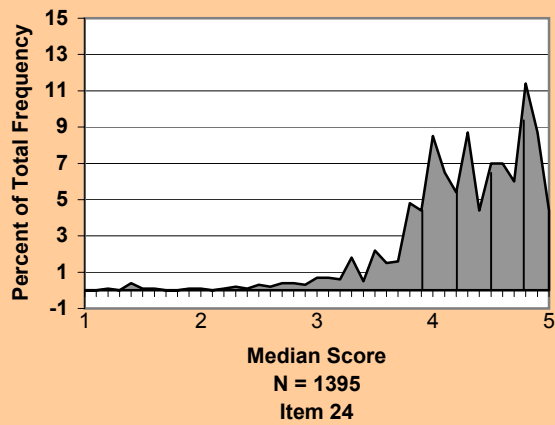
C1 is Preparation & Presentation = Items 10, 11, 13, 15, 18  
 C2 is Interaction with Students = Items 14, 19, 20, 21, 22  
 C3 is Assessment of Student Performance = Items 12, 16, 17, 23  
 Item 24 = The instructor was an effective teacher.

*Note: In the "Data" column, "Terms" refers to quarters for every term previous to Fall 1999 and to semesters for every term starting with Fall 1999.*

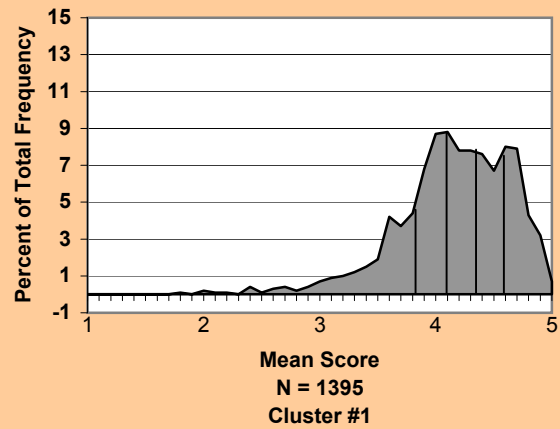
# Norm Data for the College of Sciences 1986-2001

## CLASS SIZE: LESS THAN 16

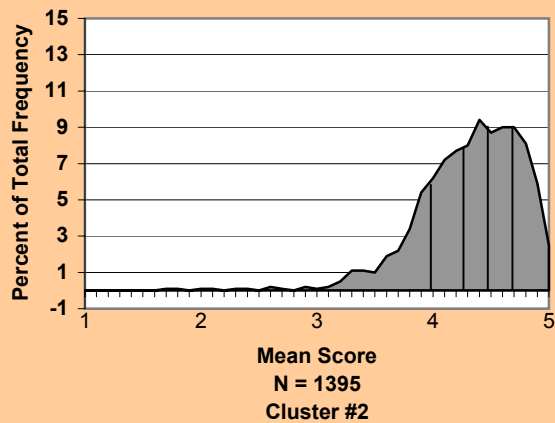
**Instructor was an Effective Teacher**



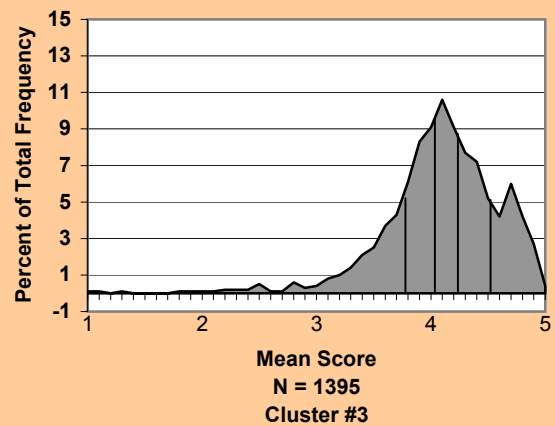
**Preparation and Presentation of Course**



**Interaction With Students**



**Assessment of Student Performance**

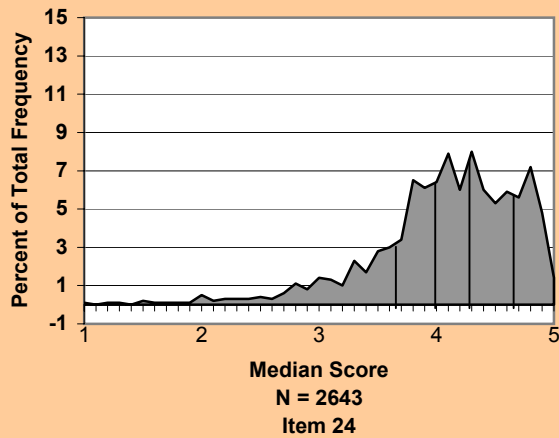




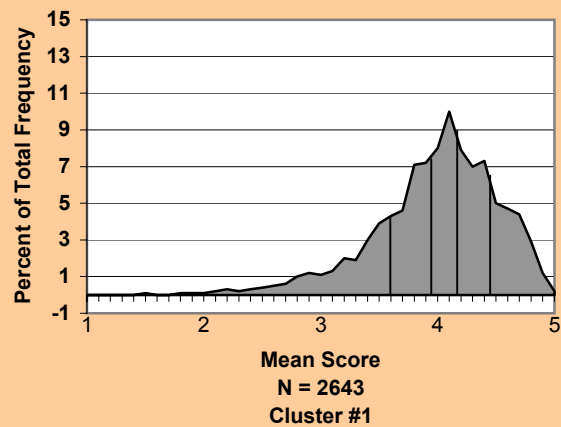
# Norm Data for the College of Sciences 1986-2001

## CLASS SIZE: 16 - 35

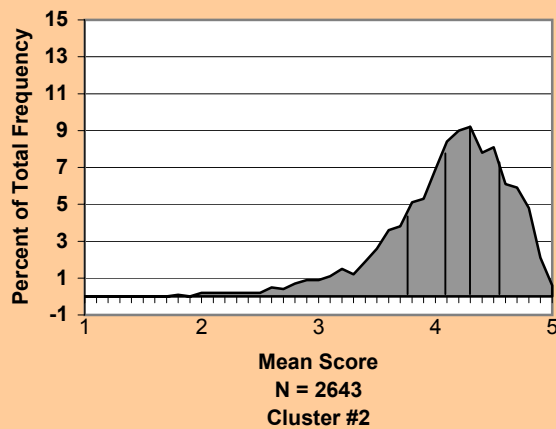
**Instructor was an Effective Teacher**



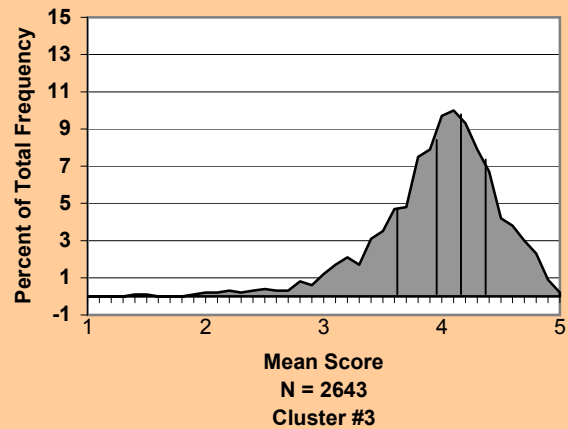
**Preparation and Presentation of Course**



**Interaction With Students**



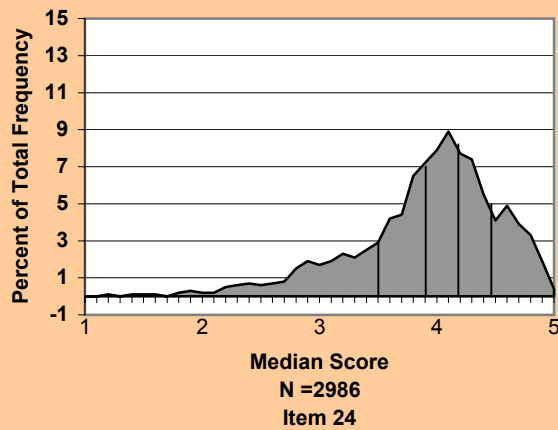
**Assessment of Student Performance**



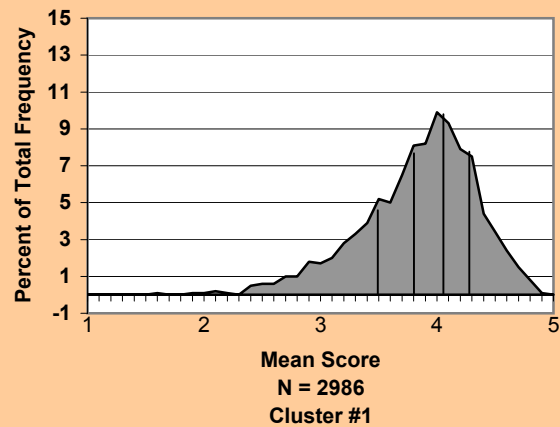
# Norm Data for the College of Sciences 1986-2001

## CLASS SIZE: 36 - 99

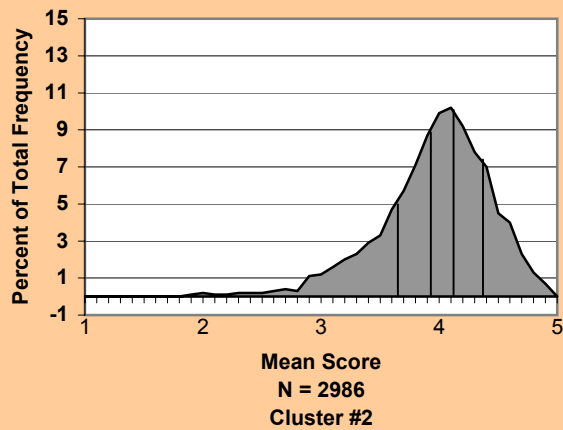
**Instructor was an Effective Teacher**



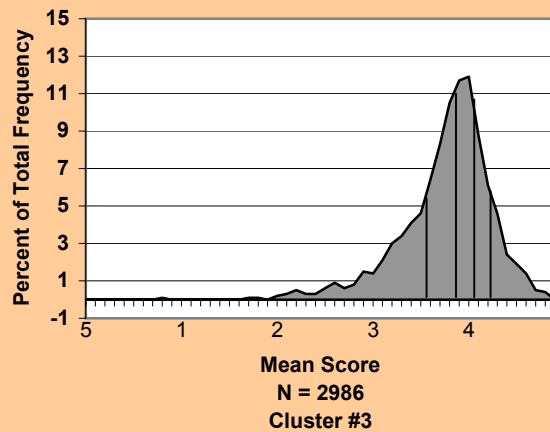
**Preparation and Presentation of Course**



**Interaction With Students**



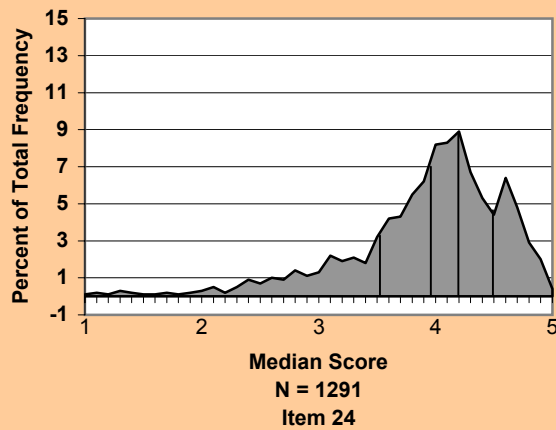
**Assessment of Student Performance**



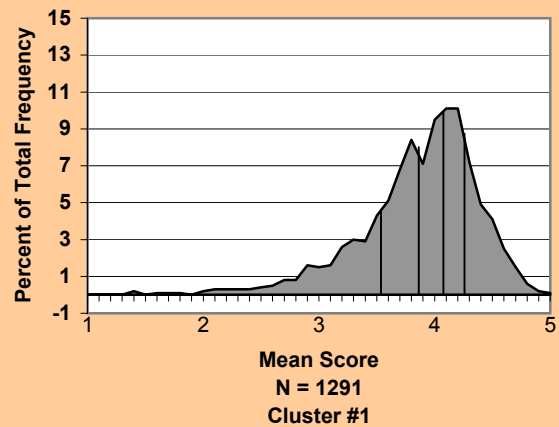
# Norm Data for the College of Sciences 1986-2001

## CLASS SIZE: Greater than 99

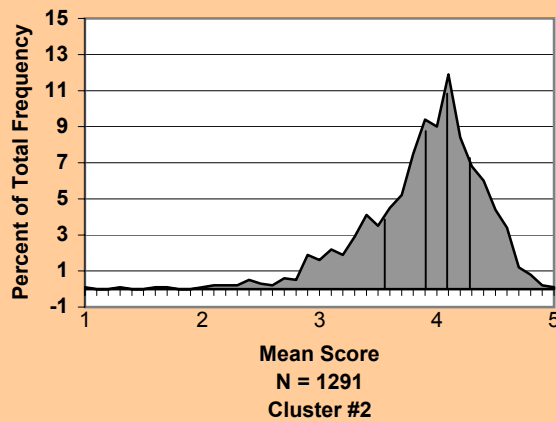
Instructor was an Effective Teacher



Preparation and Presentation of Course



Interaction With Students



Assessment of Student Performance

