ED 467 438   TM 034 320

AUTHOR   Sakofs, Mitchell
TITLE   Our Students Speak: An Analysis of Survey Data Provided by
                ECSU Certification Candidates Concerning Their Professional
                Preparation and Connecticut's Common Core of Teaching.
                Research Brief, Winter 2002.
INSTITUTION   Eastern Connecticut State Univ., Willimantic.
PUB DATE   2002-00-01
NOTE   37p.
PUB TYPE   Numerical/Quantitative Data (110) -- Reports - Research (143)
EDRS PRICE   EDRS Price MF01/PC02 Plus Postage.
DESCRIPTORS   *Faculty Development; Higher Education; *Preservice Teacher
                Education; Program Effectiveness; Student Evaluation;
                *Student Teachers; Student Teaching
IDENTIFIERS   *Connecticut

ABSTRACT
                To better understand how teacher candidates (student teachers)
from Eastern Connecticut State University (ECSU) grow and develop from the
start to the end of their student teaching semester, data provided through the
Student Teacher Growth Record were analyzed. Student Teacher Growth Records,
along with narrative reports provided by student teacher coordinators, serves
as the primary means of assessing the candidate's knowledge, skills, and
dispositions. The growth records are completed by the teacher candidate,
cooperating teacher, and university coordinator midway through and at the end
of the student teaching experience. Analysis of the growth records reveals
that growth recorded between midyear and the end of the year was statistically
significant. There were no significant differences among evaluations provided
by the candidate, the cooperating teacher, and the university coordinator,
suggesting that they all see the candidate's performance in the same light.
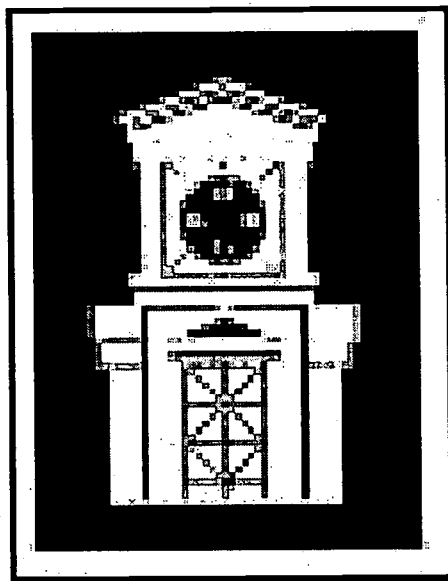(Contains 6 figures and 38 tables.) (SLD)

Our Students Speak

An analysis of survey data provided by ECSU Certification Candidates
concerning their professional preparation and Connecticut's
Common Core of Teaching

An
Eastern Connecticut State University
Research Brief

Prepared by

Mitchell Sakofs
Director of Educational Experience

Winter 2002

Introduction

To better understand how our teacher candidates (student teachers) grow and develop from the start to the end of their student teaching semester, data provided through the *Student Teacher Growth Record* were analyzed.

Student Teacher Growth Records, along with narrative reports provided by the student teacher coordinators, serve as the primary means by which the candidate's knowledge, skills and dispositions are assessed. The narrative reports are completed by the coordinator after each school visit and classroom/lesson observation. These are done approximately once every two weeks. Growth records, which are based on Connecticut's Common Core of Teaching, are completed by the teacher candidate, cooperating teacher and university coordinator mid way through and at the end of student teaching experience.

Student Teacher Growth Record (*STGR*) data are incorporated into a database along with other relevant student data.

The materials to follow constitute some preliminary analyses of *STGR* data for teacher candidates who were recommended for certification from the 2000/2001 academic year.

Results

- Demographic data are found on page 1, this includes ethnicity, gender as well as degree and program.
- Page 2 shows Praxis performance data.
- Pages 3, 4 and 5 present graphic illustrations of selected questions concerning the CT Common Core of Teaching. Note bar graphs present mid year and end of year scores as reported by the candidate, cooperating teacher and university coordinator. Graphs effectively illustrate student growth.
- Pages 6 through 13 present T-tests for selected questions concerning the CT Common Core of teaching. T-tests reveal that growth recorded between mid year and end of year scores were statistically significant.
- Page 14 shows how questions concerning the CT Common Core of Teaching Rank Order by *means* within their respective categories.
- Pages 15 through 33 show data for each Common Core question and illustrates that there was no significant difference between the evaluations provided to by the candidate, cooperating teacher and university coordinator. In essence this means that they all are seeing the candidates performance in the same light.

Recommendations

It is recommended that these data be reviewed by each unit for insights on restructuring content for improved knowledge acquisition vis-à-vis CT Common Core of Teaching.

4

Here are some additional descriptive data on students:

Ethnicity
94 % Caucasian
2%   African American
2 %   Hispanic
1%   Native American
1 %   Other

Gender
68%   Female
32%   Male

Degree Sought
13%   Masters
10%   Post Bach
77%   Undergrad

Praxis Waiver
75%   No
25%   Yes

Program
32%   ECE
28%   El Ed
5%   Middle
22%   PE
13%   Secondary

State Undergraduate minimum GPA required for admission to program is B- (2.75); at Eastern, the mean undergraduate GPA for our certification program completers is 3.3, i.e., well above the state minimum.

RE Praxis I

State minimums for
CBT Praxis I scores
CBT Praxis I Math—319   min passing score
CBT Praxis I Reading-324 min passing score
CBT Praxis I Writing-318 min passing score

ECSU Mean for Program Completers
CBT Praxis I scores
325 ECSU mean passing score
329 ECSU mean passing score
324 ECSU mean passing score

As far as exit exams are concerned:

State minimums for Praxis II scores

Test 10011 min pass 163
Test 10041 min pass 172
Test 10081 min pass 162
Test 10091 min pass 154

Test 20012 min pass 148
Test 20042 min pass 160
Test 20092 min pass 154

ECSU Mean for Program Completers

ECSU mean 182
ECSU mean 180
ECSU mean 174
ECSU mean 163

ECSU mean 158
ECSU mean 165
ECSU mean 162

Graph

Mean — Evaluator (Cooperating Teacher): Student, Coordinator

Legend:
- How students learn & Develop Q1 Mid
- How students learn & Develop Q1 Final

Graph

Mean — Evaluator (Cooperating Teacher): Student, Coordinator

Legend:
- How students differ/ learning Q2 Mid
- How students differ/ learning Q2 Mid Q2 F
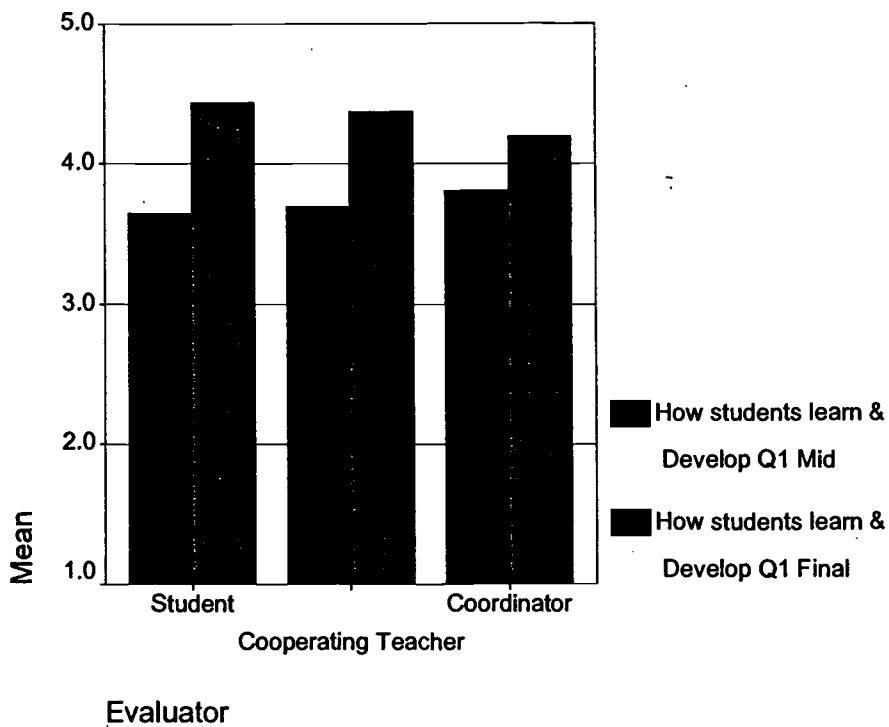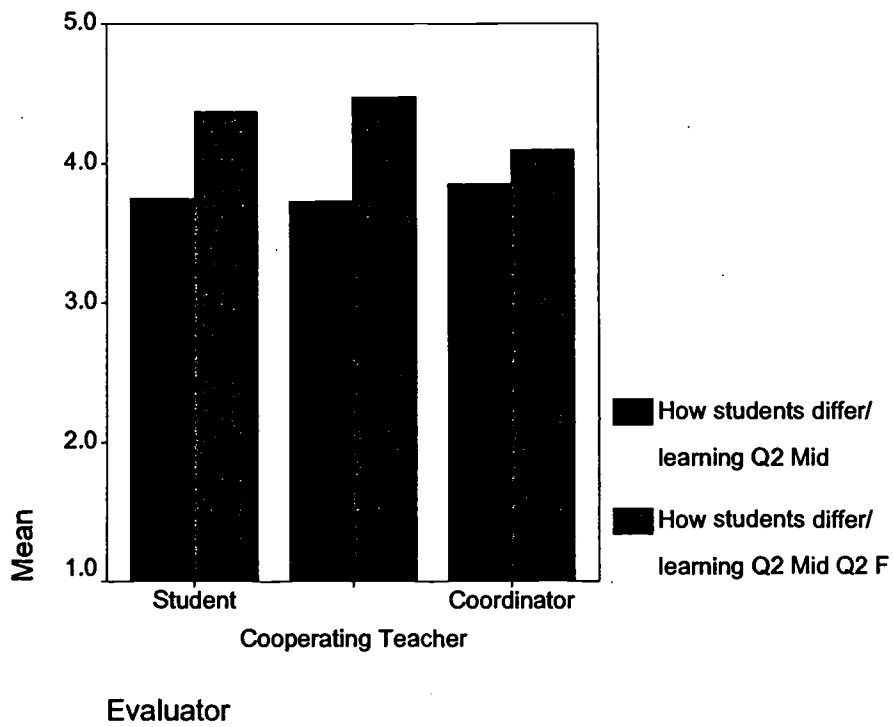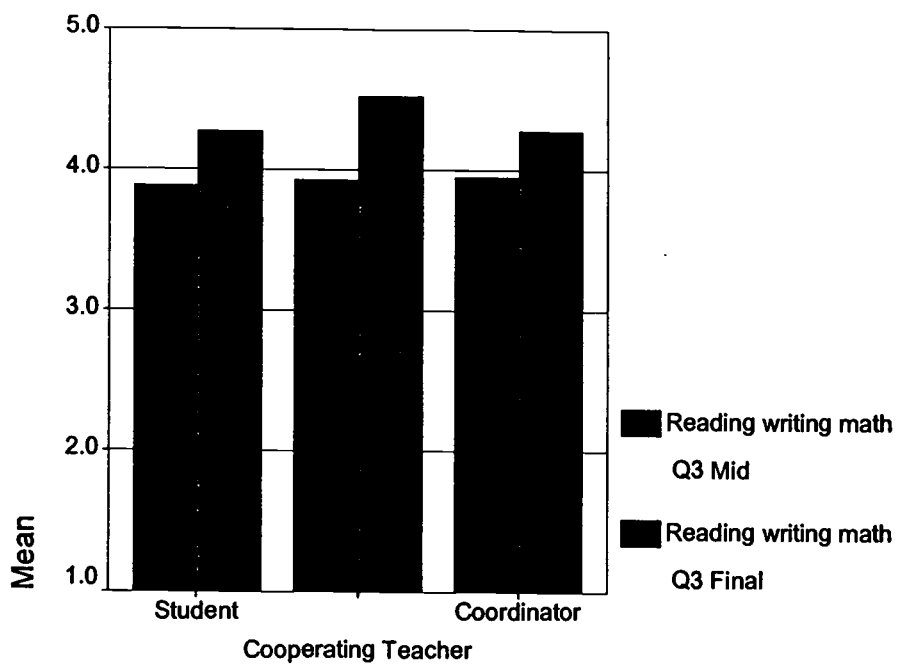
Graph

Color of Form

Graph
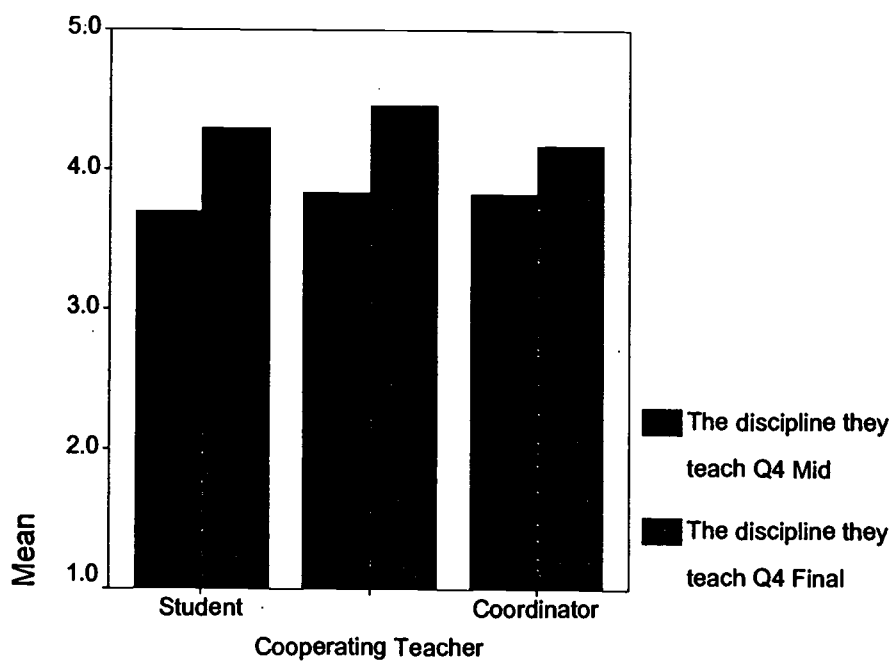
Evaluator

Graph

8

The first graph shows Mean values by Evaluator (Student, Coordinator) for:
- Design & deliver instruction Q5 Mid
- Design & deliver instruction Q5 Final

X-axis: Cooperating Teacher / Evaluator

Graph

The second graph shows Mean values by Evaluator (Student, Coordinator) for:
- Vary method Q6 mid
- Vary method Q6 final

X-axis: Cooperating Teacher / Evaluator

9
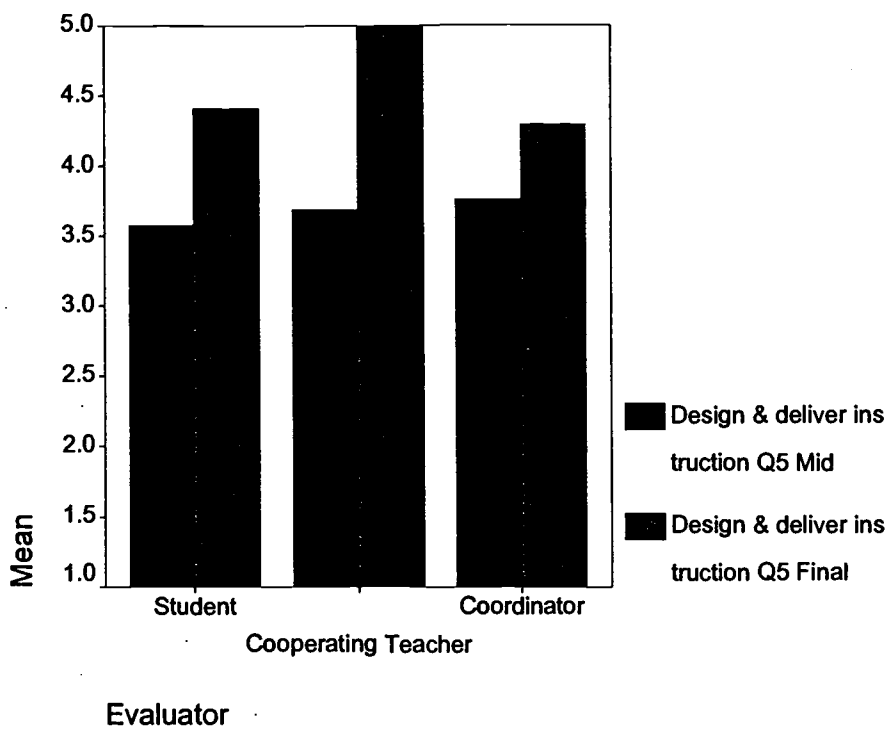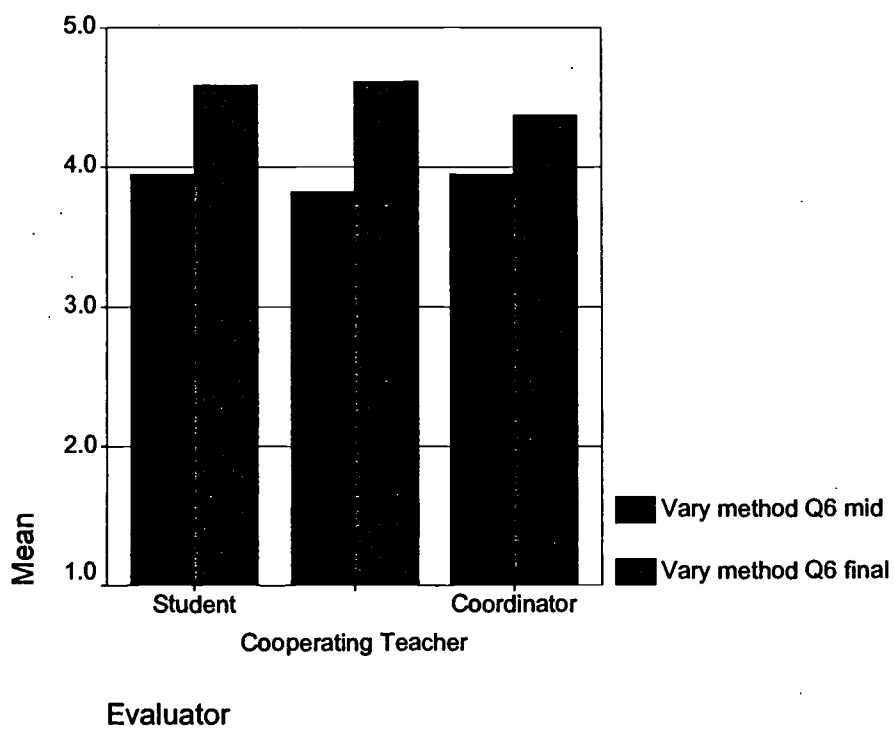
T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
How students learn & Develop Q1 Mid	173	3.721	.629	4.779E-02
How students learn & Develop Q1 Final	173	4.337	.785	5.967E-02

One-Sample Test

	Test Value = 0					
				Mean Difference	95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)		Lower	Upper
How students learn & Develop Q1 Mid	77.863	172	.000	3.721	3.627	3.815
How students learn & Develop Q1 Final	72.688	172	.000	4.337	4.219	4.455

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
How students differ/learning Q2 Mid	173	3.781	.649	4.932E-02
How students differ/learning Q2 Mid Q2 Final	173	4.3169	.7887	5.996E-02

One-Sample Test

	Test Value = 0					
				Mean Difference	95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)		Lower	Upper
How students differ/learning Q2 Mid	76.671	172	.000	3.781	3.684	3.879
How students differ/learning Q2 Mid Q2 Final	71.995	172	.000	4.3169	4.1985	4.4352

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Reading writing math Q3 Mid	173	3.9219	.6480	4.926E-02
Reading writing math Q3 Final	173	4.3576	.7654	5.819E-02

One-Sample Test

| | Test Value = 0 | | | | | |
| | t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference | |
					Lower	Upper
Reading wnting math Q3 Mid	79.608	172	.000	3.9219	3.8246	4.0191
Reading writing math Q3 Final	74.883	172	.000	4.3576	4.2427	4.4724

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
The discipline they teach Q4 Mid	173	3.791	.607	4.614E-02
The discipline they teach Q4 Final	173	4.311	.676	5.140E-02

One-Sample Test

| | Test Value = 0 | | | | | |
| | t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference | |
					Lower	Upper
The discipline they teach Q4 Mid	82.156	172	.000	3.791	3.700	3.882
The discipline they teach Q4 Final	83.875	172	.000	4.311	4.210	4.412

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Design & deliver instruction Q5 Mid	173	3.678	.635	4.829E-02
Design & deliver instruction Q5 Final	173	4.5988	2.2860	.1738

One-Sample Test

| | Test Value = 0 | | | | | |
| | t | df | Sig. (2-tailed) | Mean Difference | 95% Confidence Interval of the Difference | |
					Lower	Upper
Design & deliver instruction Q5 Mid	76.165	172	.000	3.678	3.583	3.774
Design & deliver instruction Q5 Final	26.461	172	.000	4.5988	4.2558	4.9419

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Vary method Q6 mid	173	3.907	.631	4.794E-02
Vary method Q6 final	173	4.5233	.6837	5.198E-02

One-Sample Test

	Test Value = 0					
				Mean Difference	95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)		Lower	Upper
Vary method Q6 mid	81.499	172	.000	3.907	3.812	4.002
Vary method Q6 final	87.014	172	.000	4.5233	4.4206	4.6259

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Plans instruction base on knowledge Q1 Mid	173	3.754	.673	5.120E-02
Plans instruction base on knowledge Q1 Final	173	4.381	.733	5.570E-02

One-Sample Test

	Test Value = 0					
				Mean Difference	95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)		Lower	Upper
Plans instruction base on knowledge Q1 Mid	73.321	172	.000	3.754	3.653	3.855
Plans instruction base on knowledge Q1 Final	78.655	172	.000	4.381	4.271	4.491

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Creates meaningful learning Q2 mid	173	3.891	.682	5.184E-02
Creates meaningful learning Q2 final	173	4.4651	.7861	5.977E-02

One-Sample Test

	Test Value = 0					
				Mean Difference	95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)		Lower	Upper
Creates meaningful learning Q2 mid	75.049	172	.000	3.891	3.788	3.993
Creates meaningful learning Q2 final	74.709	172	.000	4.4651	4.3471	4.5831

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Maintains appropriate behavior Q3 Mid	173	4.012	.668	5.078E-02
Maintains appropriate behavior Q3 Final	173	4.523	.653	4.967E-02

One-Sample Test

	Test Value = 0					
				Mean Difference	95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)		Lower	Upper
Maintains appropriate behavior Q3 Mid	78.998	172	.000	4.012	3.911	4.112
Maintains appropriate behavior Q3 Final	91.069	172	.000	4.523	4.425	4.621

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Instruction supportsacademic, social personal Q4 mid	173	3.8622	.6395	4.862E-02
Instruction supportsacademic, social personal Q4 final	173	4.442	.667	5.068E-02

One-Sample Test

	Test Value = 0					
				Mean Difference	95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)		Lower	Upper
Instruction supportsacademic, social personal Q4 mid	79.438	172	.000	3.8622	3.7662	3.9582
Instruction supportsacademic, social personal Q4 final	87.650	172	.000	4.442	4.342	4.542

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Effective communication Q5 mid	173	3.669	.732	5.564E-02
Effective communication Q5 final	173	4.302	.764	5.805E-02

One-Sample Test

	Test Value = 0				95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Effective communication Q5 mid	65.950	172	.000	3.669	3.559	3.779
Effective communication Q5 final	74.111	172	.000	4.302	4.188	4.417

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
instruction supportscritical thinking Q6 Mid	173	3.717	.690	5.243E-02
instruction supportscritical thinking Q6 Final	173	4.308	.920	6.997E-02

One-Sample Test

	Test Value = 0				95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
instruction supportscritical thinking Q6 Mid	70.886	172	.000	3.717	3.613	3.820
instruction supportscritical thinking Q6 Final	61.574	172	.000	4.308	4.170	4.446

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Assess student learning Q7 Mid	173	3.4841	.7292	5.544E-02
Assess student learning Q7 Final	173	4.087	.882	6.703E-02

One-Sample Test

	Test Value = 0				95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Assess student learning Q7 Mid	62.841	172	.000	3.4841	3.3747	3.5936
Assess student learning Q7 Final	60.976	172	.000	4.087	3.955	4.220

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Professional Conduct Q1 Mid	173	4.291	.679	5.164E-02
Professional Conduct Q1 Final	173	4.619	1.137	8.643E-02

One-Sample Test

	Test Value = 0					
					95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Professional Conduct Q1 Mid	83.089	172	.000	4.291	4.189	4.393
Professional Conduct Q1 Final	53.441	172	.000	4.619	4.449	4.790

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Shares responsibility for student achievement Q2 Mid	173	4.185	.636	4.835E-02
Shares responsibility for student achievement Q2 Final	173	4.549	.717	5.448E-02

One-Sample Test

	Test Value = 0					
					95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Shares responsibility for student achievement Q2 Mid	86.543	172	.000	4.185	4.089	4.280
Shares responsibility for student achievement Q2 Final	83.501	172	.000	4.549	4.442	4.657

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Self-evaluation Q3 Mid	173	4.071	.637	4.845E-02
Self-evaluation Q3 Final	173	4.4331	.7605	5.782E-02

15

One-Sample Test

	Test Value = 0				95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Self-evaluation Q3 Mid	84.014	172	.000	4.071	3.975	4.167
Self-evaluation Q3 Final	76.671	172	.000	4.4331	4.3190	4.5473

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Seeks opporunities to grow Q4 Mid	173	3.992	.723	5.499E-02
Seeks opporunities to grow Q4 Final	173	4.422	.698	5.303E-02

One-Sample Test

	Test Value = 0				95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Seeks opporunities to grow Q4 Mid	72.592	172	.000	3.992	3.884	4.101
Seeks opporunities to grow Q4 Final	83.372	172	.000	4.422	4.317	4.526

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Leader in school Q5 Mid	173	3.5560	.7289	5.542E-02
Leader in school Q5 Final	173	3.846	1.105	8.404E-02

One-Sample Test

	Test Value = 0				95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Leader in school Q5 Mid	64.167	172	.000	3.5560	3.4466	3.6654
Leader in school Q5 Final	45.762	172	.000	3.846	3.680	4.012

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
A passion to improve Q6 Mid	173	4.1032	.6544	4.975E-02
A passion to improve Q6 Final	173	4.5468	.6718	5.108E-02

16

One-Sample Test

	Test Value = 0					
	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
A passion to improve Q6 Mid	82.470	172	.000	4.1032	4.0050	4.2014
A passion to improve Q6 Final	89.020	172	.000	4.5468	4.4460	4.6476

17

COMMON CORE: STUDENT TEACHER KNOWLEDGE
Number of valid observations (listwise) =   173.00

MID SEMESTER RANKING

Variable	Mean	Std Dev	Minimum	Maximum	N	Label
STHK5M_1	3.68	.64	2.0	5.0	173	Design & deliver instruction Q5 Mid
STHK1M_1	3.72	.63	2.0	5.0	173	How students learn & Develop Q1 Mid
STHK2M_1	3.78	.65	2.0	5.0	173	How students differ/learning Q2 Mid
STHK4M_1	3.79	.61	2.0	5.0	173	The discipline they teach Q4 Mid
STHK6M_1	3.91	.63	2.0	5.0	173	Vary method Q6 mid
STHK3M_1	3.92	.65	2.0	5.0	173	Reading writing math Q3 Mid

FINAL RANKING

Variable	Mean	Std Dev	Minimum	Maximum	N	Label
STHK4F_1	4.31	.68	3.0	5.0	173	The discipline they teach Q4 Final
STHK2F_1	4.33	.74	2.0	5.0	173	How students differ/learning Q2 Mid Q2 F
STHK1F_1	4.35	.73	2.0	5.0	173	How students learn & Develop Q1 Final
STHK3F_1	4.37	.71	2.0	5.0	173	Reading writing math Q3 Final
STHK5F_1	4.43	.72	2.0	5.0	173	Design & deliver instruction Q5 Final
STHK6F_1	4.52	.68	2.0	5.0	173	Vary method Q6 final

COMMON CORE: STUDENT TEACHER APPLIES KNOWLEDGE

MID SEMESTER RANKING

Variable	Mean	Std Dev	Minimum	Maximum	N	Label
STAK7M_1	3.48	.73	2.0	5.0	173	Assess student learning Q7 Mid
STAK5M_1	3.67	.73	2.0	5.0	173	Effective communication Q5 mid
STAK6M_1	3.72	.69	2.0	5.0	173	instruction supports critical thinking Q6
STAK1M_1	3.75	.67	2.0	5.0	173	Plans instruction base on knowledge Q1 M
STAK4M_1	3.86	.64	2.0	5.0	173	Instruction supports academic, social per
STAK2M_1	3.89	.68	2.0	5.0	173	Creates meaningful learning Q2 mid
STAK3M_1	4.01	.67	2.0	5.0	173	Maintains appropriate behavior Q3 Mid

FINAL RANKING

Variable	Mean	Std Dev	Minimum	Maximum	N	Label
STAK7F_1	4.13	.76	2.0	5.0	173	Assess student learning Q7 Final
STAK5F_1	4.31	.71	2.0	5.0	173	Effective communication Q5 final
STAK6F_1	4.34	.78	2.0	5.0	173	instruction supports critical thinking Q6
STAK1F_1	4.40	.66	3.0	5.0	173	Plans instruction base on knowledge Q1 F
STAK4F_1	4.44	.67	3.0	5.0	173	Instruction supports academic, social per
STAK2F_1	4.48	.73	2.0	5.0	173	Creates meaningful learning Q2 final
STAK3F_1	4.52	.65	3.0	5.0	173	Maintains appropriate behavior Q3 Final

COMMON CORE: STUDENT TEACHER DEMONSTRATES PROFESSIONAL RESPONSIBILITY

MID SEMESTER RANKING

Variable	Mean	Std Dev	Minimum	Maximum	N	Label
STDPR5_1	3.56	.73	1.0	5.0	173	Leader in school Q5 Mid
STDPR4_1	3.99	.72	2.0	5.0	173	Seeks opportunities to grow Q4 Mid
STDPR3_1	4.07	.64	2.0	5.0	173	Self-evaluation Q3 Mid
STDPR6_1	4.10	.65	2.0	5.0	173	A passion to improve Q6 Mid
STDPR2_1	4.18	.64	2.0	5.0	173	Shares responsibility for student achieve
STDPR1_1	4.29	.68	2.0	5.0	173	Professional Conduct Q1 Mid

FINAL RANKING

Variable	Mean	Std Dev	Minimum	Maximum	N	Label
STDPR5_2	4.01	.75	2.0	5.0	169	Leader in school Q5 Final
STDPR4_2	4.42	.70	2.0	5.0	173	Seeks opportunities to grow Q4 Final
STDPR3_2	4.43	.76	1.0	5.0	173	Self-evaluation Q3 Final
STDPR6_2	4.55	.67	2.0	5.0	173	A passion to improve Q6 Final
STDPR2_2	4.57	.64	3.0	5.0	173	Shares responsibility for student achieve
STDPR1_2	4.68	.98	2.0	14	172	Professional Conduct Q1 Final

18

```
Dependent Variable    STHK1M_1    How students learn & Develop Q1 Mid
     By levels of     FORM        Color of Form


     Value  Label                        Sum      Mean    Std Dev  Sum of Sq   Cases

     blue   Student                      208.0   3.6491    .6679    24.9825      57
     g      Cooperating Teacher          210.7   3.6969    .7774    33.8399      57
     y      Coordinator                  225.0   3.8136    .3782     8.2980      59
                                        --------------------------------------------
Within Groups Total                      643.7   3.7209    .6284    67.1203     173
```

```
                            Sum of                  Mean
Source                      Squares      d.f.      Square       F        Sig.

Between Groups                .8332        2         .4166    1.0551     .3504

Within Groups              67.1203       170         .3948

                  Eta =  .1107    Eta Squared =  .0123
```

```
Dependent Variable    STHK1F_1    How students learn & Develop Q1 Final
     By levels of     FORM        Color of Form


     Value  Label                        Sum      Mean    Std Dev  Sum of Sq   Cases

     blue   Student                      253.0   4.4386    .6273    22.0351      57
     g      Cooperating Teacher          251.3   4.4094    .7507    31.5589      57
     y      Coordinator                  248.0   4.2034    .7993    37.0593      59
                                        --------------------------------------------
Within Groups Total                      752.3   4.3488    .7302    90.6533     173
```

```
                            Sum of                  Mean
Source                      Squares      d.f.      Square       F        Sig.

Between Groups              1.9166         2         .9583    1.7971     .1689

Within Groups              90.6533       170         .5333

                  Eta =  .1439    Eta Squared =  .0207
```

19

```
Dependent Variable   STHK2M_1   How students differ/learning Q2 Mid
      By levels of   FORM       Color of Form


      Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

   blue      Student                 213.8    3.7505    .7380    30.5010      57
   g         Cooperating Teacher     212.8    3.7330    .7675    32.9845      57
   y         Coordinator             227.6    3.8575    .3797     8.3599      59
                                    ------------------------------------------------
Within Groups Total                  654.2    3.7813    .6501    71.8454     173



                         Sum of                Mean
Source                   Squares     d.f.     Square       F        Sig.

Between Groups            . .5296      2       .2648      .6266    .5356

Within Groups            71.8454     170       .4226

               Eta =  .0855    Eta Squared =  .0073


Dependent Variable   STHK2F_1   How students differ/learning Q2 Mid Q2 F
      By levels of   FORM       Color of Form


      Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

   blue      Student                 249.50   4.3772    .6428    23.1404      57
   g         Cooperating Teacher     255.32   4.4792    .7072    28.0090      57
   y         Coordinator             244.00   4.1356    .8191    38.9153      59
                                    ------------------------------------------------
Within Groups Total                  748.82   4.3284    .7279    90.0646     173



                         Sum of                Mean
Source                   Squares     d.f.     Square       F        Sig.

Between Groups            3.6260      2       1.8130     3.4221    .0349

Within Groups            90.0646     170       .5298

               Eta =  .1967    Eta Squared =  .0387
```

BEST COPY AVAILABLE

20

```
Dependent Variable    STHK3M_1    Reading writing math Q3 Mid
     By levels of     FORM        Color of Form

     Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

     blue   Student                221.42    3.8846    .6879   26.4970      57
     g      Cooperating Teacher    223.92    3.9285    .8474   40.2143      57
     y      Coordinator            233.14    3.9515    .3044    5.3739      59
                                 ----------------------------------------------
Within Groups Total                678.48    3.9219    .6512   72.0852     173


                          Sum of                  Mean
Source                    Squares       d.f.      Square        F      Sig.

Between Groups             .1336         2         .0668      .1575    .8544

Within Groups           72.0852        170         .4240

                  Eta =  .0430    Eta Squared =  .0018


Dependent Variable    STHK3F_1    Reading writing math Q3 Final
     By levels of     FORM        Color of Form

     Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

     blue   Student                245.50    4.3070    .6928   26.8772      57
     g      Cooperating Teacher    257.86    4.5238    .6511   23.7380      57
     y      Coordinator            252.50    4.2797    .7728   34.6356      59
                                 ----------------------------------------------
Within Groups Total                755.86    4.3691    .7081   85.2507     173


                          Sum of                  Mean
Source                    Squares       d.f.      Square        F      Sig.

Between Groups            2.0561         2        1.0280     2.0500    .1319

Within Groups           85.2507        170         .5015

                  Eta =  .1535    Eta Squared =  .0236
```

21

```
Dependent Variable    STHK4M_1     The discipline they teach Q4 Mid
     By levels of     FORM         Color of Form


       Value  Label                       Sum      Mean     Std Dev  Sum of Sq   Cases

     blue     Student                   211.0    3.7018      .6537    23.9298       57
     g        Cooperating Teacher       218.8    3.8384      .7507    31.5559       57
     y        Coordinator               226.0    3.8305      .3521     7.1888       59
                                       -------------------------------------------------
     Within Groups Total                655.8    3.7907      .6072    62.6745      173



                              Sum of                  Mean
     Source                  Squares      d.f.        Square        F        Sig.

     Between Groups           .6743         2         .3372       .9145      .4027

     Within Groups          62.6745       170         .3687

                      Eta =  .1032     Eta Squared =  .0106


Dependent Variable    STHK4F_1     The discipline they teach Q4 Final
     By levels of     FORM         Color of Form


       Value  Label                       Sum      Mean     Std Dev  Sum of Sq   Cases

     blue     Student                   245.0    4.2982      .6537    23.9298       57
     g        Cooperating Teacher       254.3    4.4616      .5969    19.9516       57
     y        Coordinator               246.5    4.1780      .7472    32.3814       59
                                       -------------------------------------------------
     Within Groups Total                745.8    4.3110      .6698    76.2628      173



                              Sum of                  Mean
     Source                  Squares      d.f.        Square        F        Sig.

     Between Groups          2.3462         2        1.1731      2.6150     .0761

     Within Groups          76.2628       170         .4486

                      Eta =  .1728     Eta Squared =  .0298
```

BEST COPY AVAILABLE

22

Dependent Variable   STHK5M_1   Design & deliver instruction Q5 Mid
      By levels of   FORM   Color of Form

Value	Label		Sum	Mean	Std Dev	Sum of Sq	Cases
blue	Student		204.0	3.5789	.6800	25.8947	57
g	Cooperating	Teacher	210.2	3.6873	.7993	35.7813	57
y	Coordinator		222.2	3.7655	.3401	6.7068	59
Within Groups Total			636.3	3.6783	.6342	68.3829	173

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	1.0163	2	.5082	1.2633	.2854
Within Groups	68.3829	170	.4023		

Eta = .1210   Eta Squared = .0146

Dependent Variable   STHK5F_1   Design & deliver instruction Q5 Final
      By levels of   FORM   Color of Form

Value	Label		Sum	Mean	Std Dev	Sum of Sq	Cases
blue	Student		251.50	4.4123	.6756	25.5614	57
g	Cooperating	Teacher	260.60	4.5719	.6508	23.7150	57
y	Coordinator		253.50	4.2966	.8101	38.0593	59
Within Groups Total			765.60	4.4254	.7168	87.3357	173

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	2.2119	2	1.1060	2.1528	.1193
Within Groups	87.3357	170	.5137		

Eta = .1572   Eta Squared = .0247

23

(19)

```
Dependent Variable    STHK6M_1    Vary method Q6 mid
     By levels of     FORM        Color of Form


     Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

     blue   Student                  225.0    3.9474   .7177    28.8421      57
     g      Cooperating Teacher      217.9    3.8229   .7526    31.7215      57
     y      Coordinator              233.0    3.9492   .3528     7.2196      59
                                    --------------------------------------------------
Within Groups Total                  675.9    3.9070   .6314    67.7831     173
```

	Sum of Squares	d.f.	Mean Square	F	Sig.
Source					
Between Groups	.6006	2	.3003	.7531	.4725
Within Groups	67.7831	170	.3987		

```
              Eta =  .0937    Eta Squared =  .0088
```

```
Dependent Variable    STHK6F_1    Vary method Q6 final
     By levels of     FORM        Color of Form


     Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

     blue   Student                  261.50   4.5877   .5600    17.5614      57
     g      Cooperating Teacher      263.02   4.6144   .6409    23.0040      57
     y      Coordinator              258.00   4.3729   .8073    37.7966      59
                                    --------------------------------------------------
Within Groups Total                  782.52   4.5233   .6789    78.3620     173
```

	Sum of Squares	d.f.	Mean Square	F	Sig.
Source					
Between Groups	2.0450	2	1.0225	2.2182	.1119
Within Groups	78.3620	170	.4610		

```
              Eta =  .1595    Eta Squared =  .0254
```

```
Dependent Variable    STAK1M_1   Plans instruction base on knowledge Q1 M
    By levels of      FORM       Color of Form

    Value  Label                      Sum      Mean    Std Dev  Sum of Sq   Cases

    blue    Student                   208.8    3.6623    .7625   32.5621      57
    g       Cooperating Teacher       217.3    3.8115    .8160   37.2846      57
    y       Coordinator               223.4    3.7867    .3577    7.4210      59
                                      ------------------------------------------------------
Within Groups Total                   649.4    3.7539    .6742   77.2677     173

                            Sum of                    Mean
Source                      Squares       d.f.        Square        F        Sig.

Between Groups                 .7303        2          .3652      .8034      .4495

Within Groups               77.2677       170          .4545

                    Eta =   .0968    Eta Squared =   .0094


Dependent Variable    STAK1F_1   Plans instruction base on knowledge Q1 F
    By levels of      FORM       Color of Form

    Value  Label                      Sum      Mean    Std Dev  Sum of Sq   Cases

    blue    Student                   250.0    4.3860    .6749   25.5088      57
    g       Cooperating Teacher       259.4    4.5505    .5649   17.8686      57
    y       Coordinator               251.5    4.2627    .7093   29.1780      59
                                      ------------------------------------------------------
Within Groups Total                   760.9    4.3982    .6533   72.5553     173

                            Sum of                    Mean
Source                      Squares       d.f.        Square        F        Sig.

Between Groups               2.4144        2         1.2072     2.8286      .0619

Within Groups               72.5553       170          .4268

                    Eta =   .1795    Eta Squared =   .0322
```

25

```
Dependent Variable    STAK2M_1    Creates meaningful learning Q2 mid
    By levels of    FORM         Color of Form


    Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

  blue     Student                 212.9   3.7349    .7441    31.0068      57
  g        Cooperating Teacher     228.9   4.0156    .8345    38.9980      57
  y        Coordinator             231.3   3.9203    .3629     7.6395      59
                                  ---------------------------------------------
Within Groups Total               673.1   3.8906    .6758    77.6444      173
```

```
                        Sum of              Mean
Source                  Squares    d.f.     Square       F       Sig.

Between Groups          2.3244      2       1.1622     2.5446    .0815

Within Groups          77.6444    170        .4567

                Eta =  .1705    Eta Squared =  .0291
```

- - Analysis of Variance - -

```
Dependent Variable    STAK2F_1    Creates meaningful learning Q2 final
    By levels of    FORM         Color of Form


    Value  Label                    Sum      Mean    Std Dev  Sum of Sq   Cases

  blue     Student                 253.50   4.4474    .7300   29.8421      57
  g        Cooperating Teacher     265.47   4.6573    .6351   22.5912      57
  y        Coordinator             255.50   4.3305    .7966   36.8051      59
                                  ---------------------------------------------
Within Groups Total               774.47   4.4767    .7245   89.2383      173
```

```
                        Sum of              Mean
Source                  Squares    d.f.     Square       F       Sig.

Between Groups          3.1688      2       1.5844     3.0183    .0515

Within Groups          89.2383    170        .5249

                Eta =  .1852    Eta Squared =  .0343
```

BEST COPY AVAILABLE

26
```

Dependent Variable    STAK3M_1    Maintains appropriate behavior Q3 Mid
      By levels of    FORM        Color of Form

| Value | Label | | Sum | Mean | Std Dev | Sum of Sq | Cases |
|-------|-------|---|-----|------|---------|-----------|-------|
| blue | Student | | 223.5 | 3.9211 | .7058 | 27.8947 | 57 |
| g | Cooperating Teacher | | 232.0 | 4.0704 | .8207 | 37.7178 | 57 |
| y | Coordinator | | 238.5 | 4.0424 | .4234 | 10.3999 | 59 |
| Within Groups Total | | | 694.0 | 4.0116 | .6687 | 76.0124 | 173 |

| Source | Sum of Squares | d.f. | Mean Square | F | Sig. |
|--------|----------------|------|-------------|---|------|
| Between Groups | .7201 | 2 | .3601 | .8053 | .4487 |
| Within Groups | 76.0124 | 170 | .4471 | | |

Eta = .0969    Eta Squared = .0094

- - Analysis of Variance - -

Dependent Variable    STAK3F_1    Maintains appropriate behavior Q3 Final
      By levels of    FORM        Color of Form

| Value | Label | | Sum | Mean | Std Dev | Sum of Sq | Cases |
|-------|-------|---|-----|------|---------|-----------|-------|
| blue | Student | | 257.0 | 4.5088 | .6303 | 22.2456 | 57 |
| g | Cooperating Teacher | | 265.0 | 4.6495 | .5424 | 16.4761 | 57 |
| y | Coordinator | | 260.5 | 4.4153 | .7552 | 33.0763 | 59 |
| Within Groups Total | | | 782.5 | 4.5233 | .6499 | 71.7979 | 173 |

| Source | Sum of Squares | d.f. | Mean Square | F | Sig. |
|--------|----------------|------|-------------|---|------|
| Between Groups | 1.6090 | 2 | .8045 | 1.9049 | .1520 |
| Within Groups | 71.7979 | 170 | .4223 | | |

Eta = .1481    Eta Squared = .0219

27

Dependent Variable    STAK4M_1    Instruction supports academic, social per
    By levels of    FORM          Color of Form

| Value | Label | | Sum | Mean | Std Dev | Sum of Sq | Cases |
|-------|-------|---|-----|------|---------|-----------|-------|
| blue | Student | | 217.36 | 3.8134 | .6980 | 27.2837 | 57 |
| g | Cooperating Teacher | | 220.72 | 3.8724 | .8030 | 36.1093 | 57 |
| y | Coordinator | | 230.07 | 3.8996 | .3404 | 6.7214 | 59 |
| Within Groups Total | | | 668.16 | 3.8622 | .6422 | 70.1144 | 173 |

| Source | Sum of Squares | d.f. | Mean Square | F | Sig. |
|--------|----------------|------|-------------|---|------|
| Between Groups | .2242 | 2 | .1121 | .2718 | .7624 |
| Within Groups | 70.1144 | 170 | .4124 | | |

Eta = .0565    Eta Squared = .0032


Dependent Variable    STAK4F_1    Instruction supports academic, social per
    By levels of    FORM          Color of Form

| Value | Label | | Sum | Mean | Std Dev | Sum of Sq | Cases |
|-------|-------|---|-----|------|---------|-----------|-------|
| blue | Student | | 252.0 | 4.4211 | .6532 | 23.8947 | 57 |
| g | Cooperating Teacher | | 257.4 | 4.5165 | .5974 | 19.9878 | 57 |
| y | Coordinator | | 259.0 | 4.3898 | .7432 | 32.0339 | 59 |
| Within Groups Total | | | 768.4 | 4.4419 | .6683 | 75.9165 | 173 |

| Source | Sum of Squares | d.f. | Mean Square | F | Sig. |
|--------|----------------|------|-------------|---|------|
| Between Groups | .5022 | 2 | .2511 | .5622 | .5710 |
| Within Groups | 75.9165 | 170 | .4466 | | |

Eta = .0811    Eta Squared = .0066


BEST COPY AVAILABLE

28

Dependent Variable    STAK5M_1    Effective communication Q5 mid
    By levels of    FORM    Color of Form

| Value | Label | Sum | Mean | Std Dev | Sum of Sq | Cases |
|-------|-------|-----|------|---------|-----------|-------|
| blue | Student | 201.7 | 3.5381 | .8232 | 37.9461 | 57 |
| g | Cooperating Teacher | 216.3 | 3.7954 | .8539 | 40.8330 | 57 |
| y | Coordinator | 216.8 | 3.6742 | .4441 | 11.4414 | 59 |
| Within Groups Total | | 634.8 | 3.6693 | .7285 | 90.2204 | 173 |

| Source | Sum of Squares | d.f. | Mean Square | F | Sig. |
|--------|----------------|------|-------------|---|------|
| Between Groups | 1.8898 | 2 | .9449 | 1.7804 | .1717 |
| Within Groups | 90.2204 | 170 | .5307 | | |

Eta =  .1432    Eta Squared =  .0205


Dependent Variable    STAK5F_1    Effective communication Q5 final
    By levels of    FORM    Color of Form

| Value | Label | Sum | Mean | Std Dev | Sum of Sq | Cases |
|-------|-------|-----|------|---------|-----------|-------|
| blue | Student | 243.0 | 4.2632 | .7203 | 29.0526 | 57 |
| g | Cooperating Teacher | 254.3 | 4.4614 | .6808 | 25.9543 | 57 |
| y | Coordinator | 249.0 | 4.2203 | .7208 | 30.1356 | 59 |
| Within Groups Total | | 746.3 | 4.3139 | .7077 | 85.1426 | 173 |

| Source | Sum of Squares | d.f. | Mean Square | F | Sig. |
|--------|----------------|------|-------------|---|------|
| Between Groups | 1.9041 | 2 | .9520 | 1.9009 | .1526 |
| Within Groups | 85.1426 | 170 | .5008 | | |

Eta =  .1479    Eta Squared =  .0219

```
Dependent Variable    STAK6M_1    instruction supports critical thinking Q6
     By levels of     FORM        Color of Form


        Value  Label                        Sum       Mean     Std Dev  Sum of Sq    Cases

      blue     Student                     206.4     3.6216     .7440    31.0005        57
      g        Cooperating Teacher         213.4     3.7444     .8498    40.4380        57
      y        Coordinator                 223.1     3.7813     .4058     9.5519        59
                                          ----------------------------------------------------
    Within Groups Total                    643.0     3.7165     .6902    80.9903       173
```

```
                            Sum of                    Mean
    Source                  Squares      d.f.          Square       F        Sig.

    Between Groups            .8049        2            .4025      .8448     .4314

    Within Groups          80.9903       170            .4764
```

```
                    Eta =  .0992    Eta Squared =  .0098
```

Summaries of   STAK6F_1   instruction supports critical thinking Q6
By levels of   FORM   Color of Form

- - Analysis of Variance - -

```
Dependent Variable    STAK6F_1    instruction supports critical thinking Q6
     By levels of     FORM        Color of Form


        Value  Label                        Sum       Mean     Std Dev  Sum of Sq    Cases

      blue     Student                     243.0     4.2632     .7683    33.0526        57
      g        Cooperating Teacher         256.8     4.5054     .7044    27.7851        57
      y        Coordinator                 251.5     4.2627     .8578    42.6780        59
                                          ----------------------------------------------------
    Within Groups Total                    751.3     4.3428     .7803   103.5157       173
```

```
                            Sum of                    Mean
    Source                  Squares      d.f.          Square       F        Sig.

    Between Groups           2.2471        2           1.1235     1.8452    .1612

    Within Groups          103.5157      170            .6089
```

```
                    Eta =  .1458    Eta Squared =  .0212
```

BEST COPY AVAILABLE

30

```
Dependent Variable     STAK7M_1    Assess student learning Q7 Mid
     By levels of      FORM        Color of Form


        Value   Label                    Sum       Mean    Std Dev  Sum of Sq   Cases

     blue       Student                192.95     3.3851     .8183    37.4986      57
     g          Cooperating Teacher    198.47     3.4819     .8502    40.4818      57
     y          Coordinator            211.33     3.5819     .4617    12.3646      59
                                    ------------------------------------------------
Within Groups Total                    602.75     3.4841     .7290    90.3451     173



                               Sum of                 Mean
Source                         Squares     d.f.       Square      F        Sig.

Between Groups                 1.1232       2          .5616    1.0567     .3499

Within Groups                 90.3451      170         .5314

                     Eta =   .1108    Eta Squared =  .0123



Dependent Variable     STAK7F_1    Assess student learning Q7 Final
     By levels of      FORM        Color of Form


        Value   Label                    Sum       Mean    Std Dev  Sum of Sq   Cases

     blue       Student                239.0      4.1930     .6392    22.8772      57
     g          Cooperating Teacher    239.1      4.1945     .8112    36.8510      57
     y          Coordinator            237.0      4.0169     .8198    38.9831      59
                                    ------------------------------------------------
Within Groups Total                    715.1      4.1335     .7620    98.7112     173



                               Sum of                 Mean
Source                         Squares     d.f.       Square      F        Sig.

Between Groups                 1.2153       2          .6077    1.0465     .3534

Within Groups                 98.7112      170         .5807

                     Eta =   .1103    Eta Squared =  .0122
```

31

27

Dependent Variable   STDPR1_1   Professional Conduct Q1 Mid
      By levels of   FORM   Color of Form

	Value Label	Sum	Mean	Std Dev	Sum of Sq	Cases
blue	Student	241.3	4.2332	.7317	29.9855	57
g	Cooperating Teacher	254.3	4.4612	.7314	29.9582	57
y	Coordinator	246.7	4.1815	.5391	16.8553	59
Within Groups Total		742.3	4.2907	.6721	76.7990	173

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	2.5498	2	1.2749	2.8221	.0623
Within Groups	76.7990	170	.4518		

Eta = .1793   Eta Squared = .0321

Dependent Variable   STDPR1_2   Professional Conduct Q1 Final
      By levels of   FORM   Color of Form

	Value Label	Sum	Mean	Std Dev	Sum of Sq	Cases
blue	Student	263.0	4.6140	.5902	19.5088	57
g	Cooperating Teacher	274.6	4.8179	.5045	14.2545	57
y	Coordinator	267.5	4.6121	1.4957	127.5216	58
Within Groups Total		805.1	4.6809	.9769	161.2848	172

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	1.5992	2	.7996	.8378	.4344
Within Groups	161.2848	169	.9543		

Eta = .0991   Eta Squared = .0098

BEST COPY AVAILABLE

32

2⁸

```
Dependent Variable    STDPR2_1    Shares responsibility for student achieve
      By levels of    FORM        Color of Form
```

Value	Label	Sum	Mean	Std Dev	Sum of Sq	Cases
blue	Student	233.0	4.0877	.6887	26.5614	57
g	Cooperating Teacher	244.2	4.2839	.7727	33.4386	57
y	Coordinator	246.8	4.1823	.3822	8.4714	59
Within Groups Total		723.9	4.1846	.6346	68.4714	173

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	1.0978	2	.5489	1.3628	.2587
Within Groups	68.4714	170	.4028		

Eta = .1256   Eta Squared = .0158

```
Dependent Variable    STDPR2_2    Shares responsibility for student achiev
      By levels of    FORM        Color of Form
```

Value	Label	Sum	Mean	Std Dev	Sum of Sq	Cases
blue	Student	261.0	4.5789	.5653	17.8947	57
g	Cooperating Teacher	269.0	4.7202	.5174	14.9895	57
y	Coordinator	260.0	4.4068	.7683	34.2373	59
Within Groups Total		790.0	4.5668	.6284	67.1215	173

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	2.8599	2	1.4299	3.6216	.0288
Within Groups	67.1215	170	.3948		

Eta = .2022   Eta Squared = .0409

29

```
Dependent Variable    STDPR3_1    Self-evaluation Q3 Mid
    By levels of    FORM       Color of Form


      Value  Label                   Sum      Mean   Std Dev  Sum of Sq   Cases

   blue     Student                 233.1   4.0890    .7387    30.5539      57
   g        Cooperating Teacher     230.6   4.0463    .7457    31.1376      57
   y        Coordinator             240.5   4.0771    .3741     8.1155      59
                                    ---------------------------------------------------
Within Groups Total                 704.3   4.0709    .6408    69.8070     173



                         Sum of              Mean
Source                   Squares     d.f.    Square        F      Sig.

Between Groups            .0552       2      .0276      .0672    .9350

Within Groups           69.8070     170      .4106

                   Eta =  .0281   Eta Squared =  .0008

Dependent Variable    STDPR3_2    Self-evaluation Q3 Final
    By levels of    FORM       Color of Form


      Value  Label                   Sum      Mean   Std Dev  Sum of Sq   Cases

   blue     Student                258.50   4.5351    .5966    19.9298      57
   g        Cooperating Teacher    255.93   4.4901    .7530    31.7488      57
   y        Coordinator            252.50   4.2797    .8870    45.6356      59
                                    ---------------------------------------------------
Within Groups Total                766.93   4.4331    .7566    97.3143     173



                         Sum of              Mean
Source                   Squares     d.f.    Square        F      Sig.

Between Groups           2.1669       2     1.0834     1.8927   .1538

Within Groups           97.3143     170      .5724

                   Eta =  .1476   Eta Squared =  .0218
```

BEST COPY AVAILABLE

34

```
Dependent Variable   STDPR4_1   Seeks opportunities to grow Q4 Mid
      By levels of     FORM     Color of Form

       Value  Label                    Sum     Mean    Std Dev  Sum of Sq   Cases

    blue     Student                  226.0   3.9648   .8857    43.9293      57
    g        Cooperating Teacher      230.0   4.0348   .8010    35.9310      57
    y        Coordinator              234.7   3.9773   .4147     9.9723      59
                                      ---------------------------------------------
Within Groups Total                   690.6   3.9921   .7269    89.8327     173


                        Sum of              Mean
Source                  Squares     d.f.    Square      F       Sig.

Between Groups           .1594        2     .0797     .1509    .8601

Within Groups          89.8327      170     .5284

              Eta =  .0421    Eta Squared =  .0018

Dependent Variable   STDPR4_2   Seeks opportunities to grow Q4 Final
      By levels of     FORM     Color of Form

       Value  Label                    Sum     Mean    Std Dev  Sum of Sq   Cases

    blue     Student                  251.0   4.4035   .6777    25.7193      57
    g        Cooperating Teacher      256.4   4.4986   .6269    22.0061      57
    y        Coordinator              257.5   4.3644   .7814    35.4153      59
                                      ---------------------------------------------
Within Groups Total                   764.9   4.4215   .6993    83.1406     173


                        Sum of              Mean
Source                  Squares     d.f.    Square      F       Sig.

Between Groups           .5498        2     .2749     .5621    .5711

Within Groups          83.1406      170     .4891

              Eta =  .0811    Eta Squared =  .0066
```

```
Dependent Variable    STDPR5_1    Leader in school Q5 Mid
     By levels of     FORM        Color of Form

     Value  Label                     Sum      Mean    Std Dev  Sum of Sq   Cases

  blue      Student                  199.28   3.4961    .8840    43.7649      57
  g         Cooperating Teacher      207.00   3.6317    .7681    33.0403      57
  y         Coordinator              208.91   3.5408    .4919    14.0366      59
                                    ------------------------------------------------
Within Groups Total                  615.19   3.5560    .7310    90.8417     173


                            Sum of               Mean
Source                      Squares      d.f.    Square        F      Sig.

Between Groups                .5440       2      .2720      .5090    .6020

Within Groups              90.8417      170      .5344

                  Eta = .0772     Eta Squared =  .0060

Dependent Variable    STDPR5_2    Leader in school Q5 Final
     By levels of     FORM        Color of Form

     Value  Label                     Sum      Mean    Std Dev  Sum of Sq   Cases

  blue      Student                  221.0    4.0182    .7069    26.9818      55
  g         Cooperating Teacher      224.8    4.0881    .7527    30.5968      55
  y         Coordinator              231.5    3.9237    .7868    35.9068      59
                                    ------------------------------------------------
Within Groups Total                  677.3    4.0080    .7504    93.4854     169


                            Sum of               Mean
Source                      Squares      d.f.    Square        F      Sig.

Between Groups                .7776       2      .3888      .6904    .5028

Within Groups              93.4854      166      .5632

                  Eta =  .0908     Eta Squared =  .0082
```

BEST COPY AVAILABLE

36

32

```
Dependent Variable    STDPR6_1    A passion to improve Q6 Mid
     By levels of     FORM        Color of Form

     Value  Label                     Sum      Mean    Std Dev  Sum of Sq   Cases

   blue     Student                 231.60    4.0632    .7680    33.0329      57
   g        Cooperating Teacher     235.31    4.1282    .7570    32.0946      57
   y        Coordinator             242.94    4.1176    .3804     8.3922      59
                                   -------------------------------------------------
Within Groups Total                 709.85    4.1032    .6576    73.5197     173
```

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	.1390	2	.0695	.1608	.8516
Within Groups	73.5197	170	.4325		

```
             Eta =  .0434    Eta Squared =  .0019
```

```
Dependent Variable    STDPR6_2    A passion to improve Q6 Final
     By levels of     FORM        Color of Form

     .Value Label                     Sum      Mean    Std Dev  Sum of Sq   Cases

   blue     Student                 264.50    4.6404    .5490    16.8772      57
   g        Cooperating Teacher     260.09    4.5630    .6482    23.5278      57
   y        Coordinator             262.00    4.4407    .7883    36.0424      59
                                   -------------------------------------------------
Within Groups Total                 786.59    4.5468    .6706    76.4474     173
```

Source	Sum of Squares	d.f.	Mean Square	F	Sig.
Between Groups	1.1783	2	.5892	1.3102	.2725
Within Groups	76.4474	170	.4497		

```
             Eta =  .1232    Eta Squared =  .0152
```

BEST COPY AVAILABLE

37

TM034320

Reproduction Release
(Specific Document)

I. DOCUMENT IDENTIFICATION:

Title: *Our Students Speak: An analysis of survey data provided by ECSU Certification Candidates concerning their professional preparation and Connecticut's Common Core of Teaching*	
Author(s): Mitchell Sakofs	
Corporate Source: Eastern Connecticut State University	Publication Date: Winter, 2002

II. REPRODUCTION RELEASE:

In order to disseminate as widely as possible timely and significant materials of interest to the educational community, documents announced in the monthly abstract journal of the ERIC system, Resources in Education (RIE), are usually made available to users in microfiche, reproduced paper copy, and electronic media, and sold through the ERIC Document Reproduction Service (EDRS). Credit is given to the source of each document, and, if reproduction release is granted, one of the following notices is affixed to the document.

If permission is granted to reproduce and disseminate the identified document, please CHECK ONE of the following three options and sign in the indicated space following.

The sample sticker shown below will be affixed to all Level 1 documents	The sample sticker shown below will be affixed to all Level 2A documents	The sample sticker shown below will be affixed to all Level 2B documents
PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL HAS BEEN GRANTED BY SAMPLE TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)	PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL IN MICROFICHE, AND IN ELECTRONIC MEDIA FOR ERIC COLLECTION SUBSCRIBERS ONLY, HAS BEEN GRANTED BY SAMPLE TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)	PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL IN MICROFICHE ONLY HAS BEEN GRANTED BY SAMPLE TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
Level 1	Level 2A	Level 2B
↑ ☒	↑ ☐	↑ ☐
Check here for Level 1 release, permitting reproduction and dissemination in microfiche or other ERIC archival media (e.g. electronic) *and* paper copy.	Check here for Level 2A release, permitting reproduction and dissemination in microfiche and in electronic media for ERIC archival collection subscribers only	Check here for Level 2B release, permitting reproduction and dissemination in microfiche only

Documents will be processed as indicated provided reproduction quality permits.
If permission to reproduce is granted, but no box is checked, documents will be processed at Level 1.

I hereby grant to the Educational Resources Information Center (ERIC) nonexclusive permission to reproduce and disseminate this document as indicated above. Reproduction from the ERIC microfiche, or electronic media by persons other than ERIC employees and its system contractors requires permission from the copyright holder. Exception is made for non-profit reproduction by libraries and other service agencies to satisfy information needs of educators in response to discrete inquiries.	
Signature:	Printed Name/Position/Title: Director of Educational Experience
Organization/Address: Eastern Connecticut State University Education Department, Room 145 Webb Hall Willimantic, CT 06226	Telephone: 860-465-5311 / Fax: 860-465-5099
	E-mail Address: sakofsm@easternct.edu / Date: 6/6/02

III. DOCUMENT AVAILABILITY INFORMATION (FROM NON-ERIC SOURCE):

If permission to reproduce is not granted to ERIC, or, if you wish ERIC to cite the availability of the document from another source, please provide the following information regarding the availability of the document. (ERIC will not announce a document unless it is publicly available, and a dependable source can be specified. Contributors should also be aware that ERIC selection criteria are significantly more stringent for documents that cannot be made available through EDRS.)

Publisher/Distributor:

Address:

Price:

IV. REFERRAL OF ERIC TO COPYRIGHT/REPRODUCTION RIGHTS HOLDER:

If the right to grant this reproduction release is held by someone other than the addressee, please provide the appropriate name and address:

Name:

Address:

V. WHERE TO SEND THIS FORM:

Send this form to the following ERIC Clearinghouse: