Criminal Justice / Crime Scene Photography Assessment Report Fall 2018

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1   INTRODUCTION

Florida SouthWestern State College's Business Department gathers a multitude of data from various courses as assessment tools in support of the Florida Department of Education Curriculum Framework. The course included in this assessment is CJE 2711 *Criminal Justice Capstone* and CJE 2770C *Crime Scene Photography*.   The assessment outcomes are intended to provide a baseline and measurement of achievement moving forward as well as investigate the strength and performance of items in the exam. The assessment plan also provides comparisons between dual Enrollment and non-dual enrollment students, online versus traditional students, and by site, where possible.   Where data is sufficient, additional analyses are provided including distribution studies and longitudinal studies.

For additional detail or further analysis not provided in this report, please contact Dr. Joseph F. van Gaalen, Asst. Vice President of Institutional Research, Assessment & Effectiveness, Academic Affairs (jfvangaalen@fsw.edu; x16965).

2   CJE 2711

2.1   LEARNING OBJECTIVES AND DESCRIPTIVE STATISTICS

The FSW Business faculty defined one area of interest for evaluation in support of the state framework. The outcomes related to CJE 2711 are:

➢   CJ PO 01.0 Describe and discuss the criminal justice system.
➢   CJ PO 02.0 Describe and discuss the principles of criminology.
➢   CJ PO 03.0 Identify criminal investigation procedures.
➢   CJ PO 04.0 Describe and discuss juvenile delinquency.
➢   CJ PO 05.0 Summarize law enforcement administration.
➢   CJ PO 06.0 Demonstrate law enforcement operations procedures.
➢   CJ PO 07.0 Describe and discuss the field of corrections.
➢   CJ PO 08.0 Describe and discuss the field of criminal law.
➢   CJ PO 09.0 Explain evidence and rules of evidence.
➢   CJ PO 10.0 Demonstrate employability skills.
➢   CJ PO 11.0 Identify the issues relating to human diversity in the criminal justice system.

The measurement and objectives related to CJE 2711 is:

➢   Outcome 1 – The total scores measured (combined total of assignments associated with Program Outcome) average '4' or higher and that 100% of artifacts score '4' or better.

During the fall 2018 semester, an enrollment of 5 contributed to scores tallied from 1 of 1 sections of CJE 2711.   Descriptive statistics for achievement of outcomes are shown in Table 1.   The graphical

representation of mean scores is shown in Figure 1 and percentage of artifacts scoring '4' or higher is shown in Figure 2. The goal that the total scores measured (combined total of assignments associated with Learning Outcome or Program Outcome) average '4' or higher and that 80% of artifacts score '4' or better was met. An average of '4' or higher and 80% of artifacts scoring '4' or better was met in all POs.

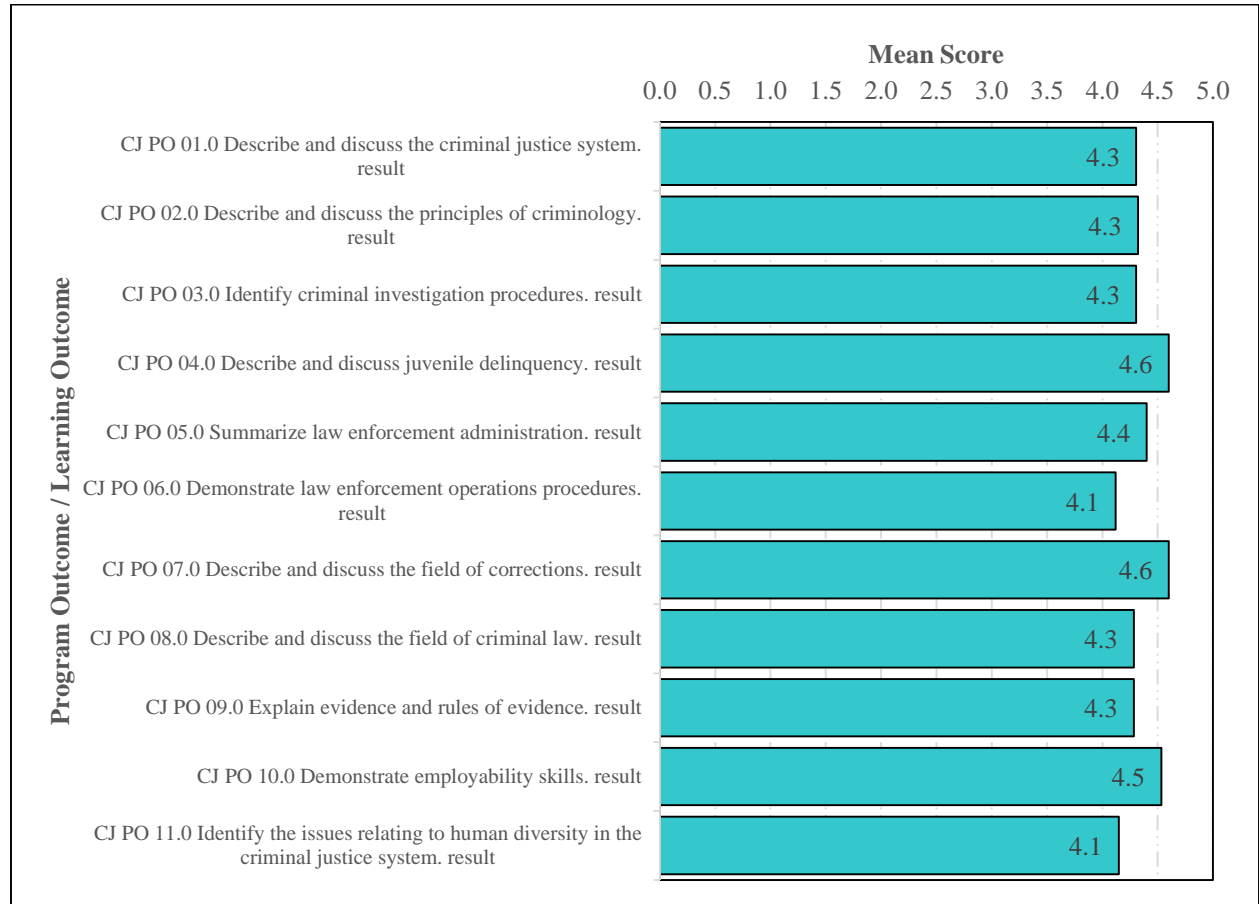| Outcomes	Mean	% Scoring 4 or Higher
CJ PO 01.0 Describe and discuss the criminal justice system.	4.3	80%
CJ PO 02.0 Describe and discuss the principles of criminology.	4.3	80%
CJ PO 03.0 Identify criminal investigation procedures.	4.3	80%
CJ PO 04.0 Describe and discuss juvenile delinquency.	4.6	100%
CJ PO 05.0 Summarize law enforcement administration.	4.4	80%
CJ PO 06.0 Demonstrate law enforcement operations procedures.	4.1	80%
CJ PO 07.0 Describe and discuss the field of corrections.	4.6	100%
CJ PO 08.0 Describe and discuss the field of criminal law.	4.3	80%
CJ PO 09.0 Explain evidence and rules of evidence.	4.3	80%
CJ PO 10.0 Demonstrate employability skills.	4.5	100%
CJ PO 11.0 Identify the issues relating to human diversity in the criminal justice system.	4.1	80%

Table 1. Student achievement level by Outcome for CJE 2711.

Figure 1. Bar graph of mean score by outcome for CJE 2711.

% Scoring '4' or Higher

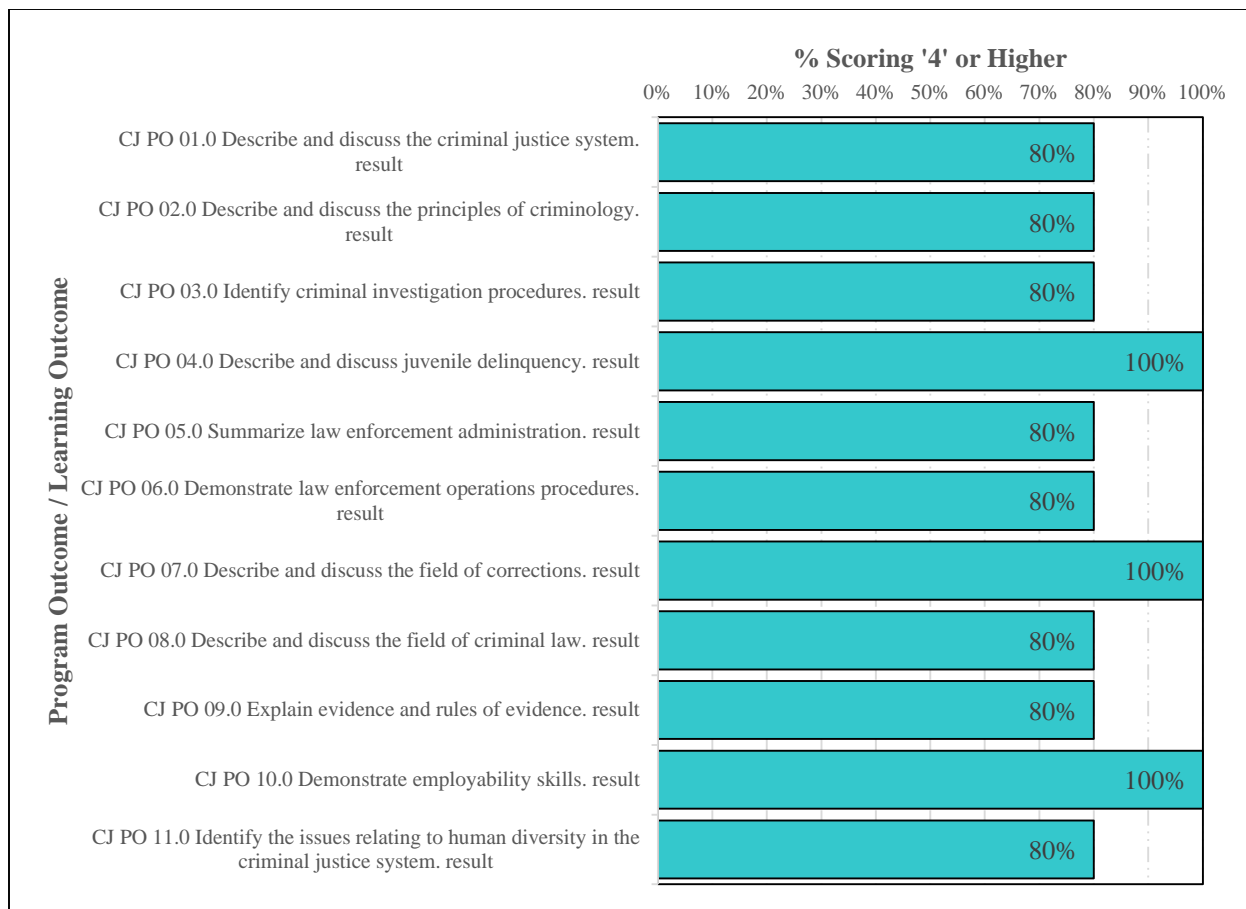| Program Outcome / Learning Outcome	% Scoring '4' or Higher
CJ PO 01.0 Describe and discuss the criminal justice system. result	80%
CJ PO 02.0 Describe and discuss the principles of criminology. result	80%
CJ PO 03.0 Identify criminal investigation procedures. result	80%
CJ PO 04.0 Describe and discuss juvenile delinquency. result	100%
CJ PO 05.0 Summarize law enforcement administration. result	80%
CJ PO 06.0 Demonstrate law enforcement operations procedures. result	80%
CJ PO 07.0 Describe and discuss the field of corrections. result	100%
CJ PO 08.0 Describe and discuss the field of criminal law. result	80%
CJ PO 09.0 Explain evidence and rules of evidence. result	80%
CJ PO 10.0 Demonstrate employability skills. result	100%
CJ PO 11.0 Identify the issues relating to human diversity in the criminal justice system. result	80%

Figure 2. Bar graph of percentage of artifacts scoring '4' or higher by outcome for CJE 2711.

2.2 EXPLORATORY ANALYSIS AND SIGNIFICANCE TESTING

Multiple comparisons of artifact scores across varying formats, campuses, and student types were made, where possible, in order to add depth to the causes of the distribution of the artifacts. Each course was divided into the appropriate subgroups to perform the analysis. In cases where a subgroup is not represented in the course comparisons were not conducted and are noted for comprehensiveness.

2.2.1 Dual Enrollment (Concurrent) to Non-Dual Enrollment Comparison

No dual enrollment (concurrent) sections of the course were run during fall 2018 so no comparison study between dual enrollment and non-dual enrollment could be completed.

2.2.2 Online to Traditional Comparison

Only one section of the course was run during the fall 2018 semester and so no comparison of online to traditional sections could be completed.

2.2.3 Comparison by Campus/Site

Only one section of the course was run during the fall 2018 semester and so no cross-campus comparison could be completed.

2.3 LONGITUDINAL STUDY

As further data is collected in coming terms, this section will track achievement through time and highlight strengths, weaknesses and any long term trends with spring 2019 data.

3 CJE 2770C

3.1 LEARNING OBJECTIVES AND DESCRIPTIVE STATISTICS

The FSW Business faculty defined one area of interest for evaluation in support of the state framework. The outcomes related to CJE 2770C are:

- ➢ CS PO 01.0 Demonstrate knowledge of recording the crime scene and related evidence on film, disc, and video.
- ➢ CJE 2770C LO 01.01 Demonstrate ability to use manual, automatic, and digital cameras.
- ➢ CJE 2770C LO 01.02 Demonstrate knowledge, ability, and skills in the use of the camera to document the crime scene and related evidentiary materials.
- ➢ CJE 2770C LO 01.03 Demonstrate abilities and skills needed to use the video camera.
- ➢ CJE 2770C LO 01.04 Demonstrate knowledge of written documentation procedures related to crime scene photography.
- ➢ CJE 2770C LO 01.05 Demonstrate knowledge or process and procedures involved in a photo lab.
- ➢ CJE 2770C LO 01.06 Demonstrate knowledge of specialized photo equipment used in crime scene labs.
- ➢ CJE 2770C LO 01.07 Demonstrate ability to use different types of light sources used in evidence detection.
- ➢ CJE 2770C LO 01.08 Demonstrate knowledge of principles and methodology involved in photographing unique crime scene and evidentiary materials.

The measurement and objectives related to CJE 2770C is:

- ➢ Outcome 1 – The total scores measured (combined total of assignments associated with Program Outcome) average '4' or higher and that 100% of artifacts score '4' or better.

During the fall 2018 semester, an enrollment of 13 contributed to scores tallied from 1 of 1 sections of CJE 2770C. Descriptive statistics for achievement of outcomes are shown in Table 2. The graphical representation of mean scores is shown in Figure 3 and percentage of artifacts scoring '4' or higher is shown in Figure 4. The goal that the total scores measured (combined total of assignments associated with Learning Outcome or Program Outcome) average '4' or higher and that 80% of artifacts score '4' or better was met. An average of '4' or higher and 80% of artifacts scoring '4' or better was met in all POs and LOs.

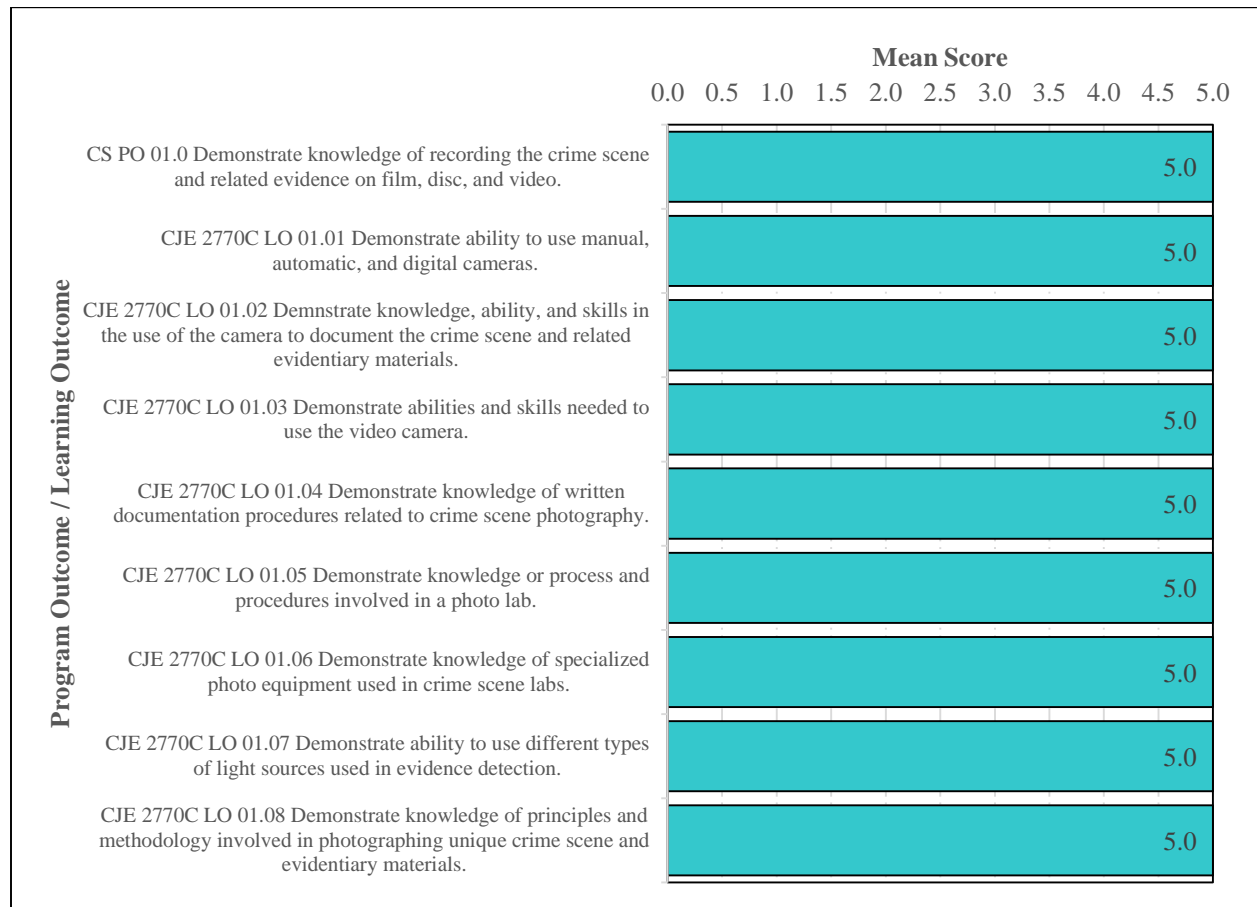| Outcomes	Mean	% Scoring 4 or Higher
CS PO 01.0 Demonstrate knowledge of recording the crime scene and related evidence on film, disc, and video.	5.0	100%
CJE 2770C LO 01.01 Demonstrate ability to use manual, automatic, and digital cameras.	5.0	100%
CJE 2770C LO 01.02 Demonstrate knowledge, ability, and skills in the use of the camera to document the crime scene and related evidentiary materials.	5.0	100%
CJE 2770C LO 01.03 Demonstrate abilities and skills needed to use the video camera.	5.0	100%
CJE 2770C LO 01.04 Demonstrate knowledge of written documentation procedures related to crime scene photography.	5.0	100%
CJE 2770C LO 01.05 Demonstrate knowledge or process and procedures involved in a photo lab.	5.0	100%
CJE 2770C LO 01.06 Demonstrate knowledge of specialized photo equipment used in crime scene labs.	5.0	100%
CJE 2770C LO 01.07 Demonstrate ability to use different types of light sources used in evidence detection.	5.0	100%
CJE 2770C LO 01.08 Demonstrate knowledge of principles and methodology involved in photographing unique crime scene and evidentiary materials.	5.0	100%

Table 2. Student achievement level by Outcome for CJE 2770C.

Figure 3. Bar graph of mean score by outcome for CJE 2770C.

% Scoring '4' or Higher

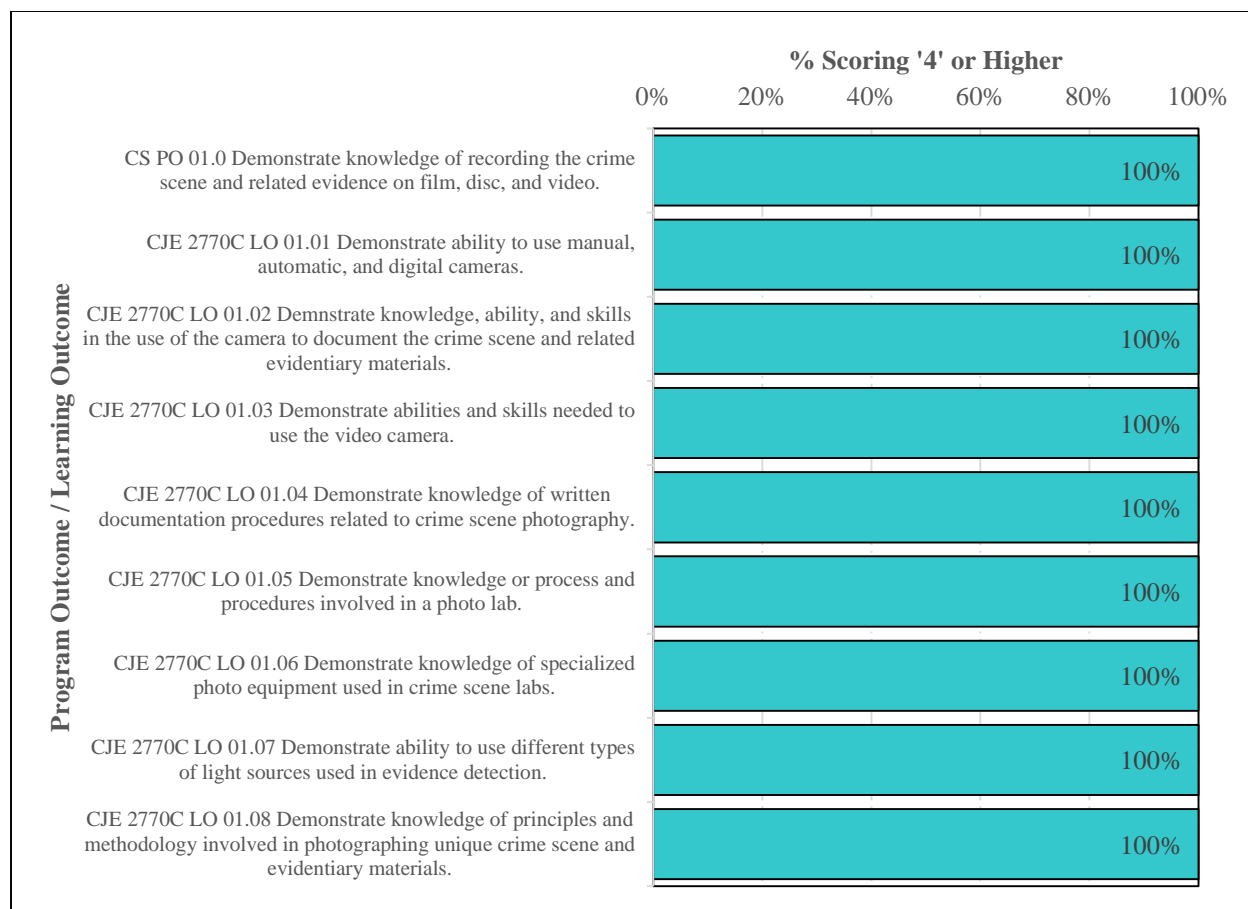| Program Outcome / Learning Outcome	% Scoring '4' or Higher
CS PO 01.0 Demonstrate knowledge of recording the crime scene and related evidence on film, disc, and video.	100%
CJE 2770C LO 01.01 Demonstrate ability to use manual, automatic, and digital cameras.	100%
CJE 2770C LO 01.02 Demnstrate knowledge, ability, and skills in the use of the camera to document the crime scene and related evidentiary materials.	100%
CJE 2770C LO 01.03 Demonstrate abilities and skills needed to use the video camera.	100%
CJE 2770C LO 01.04 Demonstrate knowledge of written documentation procedures related to crime scene photography.	100%
CJE 2770C LO 01.05 Demonstrate knowledge or process and procedures involved in a photo lab.	100%
CJE 2770C LO 01.06 Demonstrate knowledge of specialized photo equipment used in crime scene labs.	100%
CJE 2770C LO 01.07 Demonstrate ability to use different types of light sources used in evidence detection.	100%
CJE 2770C LO 01.08 Demonstrate knowledge of principles and methodology involved in photographing unique crime scene and evidentiary materials.	100%

Figure 4. Bar graph of percentage of artifacts scoring '4' or higher by outcome for CJE 2770C.

3.2 EXPLORATORY ANALYSIS AND SIGNIFICANCE TESTING

Multiple comparisons of artifact scores across varying formats, campuses, and student types were made, where possible, in order to add depth to the causes of the distribution of the artifacts. Each course was divided into the appropriate subgroups to perform the analysis. In cases where a subgroup is not represented in the course comparisons were not conducted and are noted for comprehensiveness.

3.2.1 Dual Enrollment (Concurrent) to Non-Dual Enrollment Comparison

No dual enrollment (concurrent) sections of the course were run during fall 2018 so no comparison study between dual enrollment and non-dual enrollment could be completed.

3.2.2 Online to Traditional Comparison

Only one section of the course was run during the fall 2018 semester and so no comparison of online to traditional sections could be completed.

3.2.3 Comparison by Campus/Site

Only one section of the course was run during the fall 2018 semester and so no cross-campus comparison could be completed.

3.3 LONGITUDINAL STUDY

As further data is collected in coming terms, this section will track achievement through time and highlight strengths, weaknesses and any long term trends beginning with fall 2019 data.

4 CONCLUSIONS

FSW's Business Department gathers a multitude of data from various courses as assessment tools in support of the Florida Department of Education Curriculum Framework. The course included in this assessment is CJE 2711 *Criminal Justice Capstone* and CJE 2770C *Crime Scene Photography*. The assessment outcomes are intended to provide a baseline and measurement of achievement moving forward as well as investigate the strength and performance of items in the exam.

4.1 CJE 2711

A drill-down of CJE 2711 results are as follows:
1. In a study of outcome achievement, the goal that the total scores measured (combined total of assignments associated with Learning Outcome or Program Outcome) average '4' or higher and that 80% of artifacts score '4' or better was met. An average of '4' or higher and 80% of artifacts scoring '4' or better was met in all POs.
2. No dual enrollment sections of the course were run during fall 2018 so no comparison study between dual enrollment and non-dual enrollment could be completed.
3. Only one section of the course was run during the fall 2018 semester and so no comparison of online to traditional sections could be completed.
4. Only one section of the course was run during the fall 2018 semester and so no cross-campus comparison could be completed.
5. As further data is collected in coming terms, this section will track achievement through time and highlight strengths, weaknesses and any long term trends with spring 2019 data.

4.2 CJE 2770C

A drill-down of CJE 2770C results are as follows:
1. In a study of outcome achievement, the goal that the total scores measured (combined total of assignments associated with Learning Outcome or Program Outcome) average '4' or higher and that 80% of artifacts score '4' or better was met. An average of '4' or higher and 80% of artifacts scoring '4' or better was met in all POs and LOs.
2. No dual enrollment sections of the course were run during fall 2018 so no comparison study between dual enrollment and non-dual enrollment could be completed.
3. Only one section of the course was run during the fall 2018 semester and so no comparison of online to traditional sections could be completed.
4. Only one section of the course was run during the fall 2018 semester and so no cross-campus comparison could be completed.
5. As further data is collected in coming terms, this section will track achievement through time and highlight strengths, weaknesses and any long term trends with fall 2019 data.