

## Component 4.1

### Measure 1: *Impact on P-12 Learning and Development*

After Hurricanes Irma and María, Metropolitan Campus conducted a second action research study with a completer, a History teacher at CEDIN High School, in September 2018. To evaluate the impact of the completer on his students, TEP evaluators used instrument IE-14; the evaluators used a scale of 3, 2, and 1, where 3 means very acceptable, 2 means acceptable, and 1 means not acceptable. The students filled out the P-12 impact instrument ME-03(7 – 12) for secondary school students to measure the perceptions of the students about the impact of their teacher. The scale uses in this instrument was a Likert scale from 5 to 1, where 5 means totally true, 4 almost always, 3 somewhat true, 2 almost always false, and 1 totally false.

The completer presented a portfolio that included the elements of phases of the process. The portfolio presented included phase 1 and phase 2 as described below:

#### Phase 1

This phase consisted of background of the problem, theoretical framework, context, research objectives, Unit Plan, method, and identification of a skill.

#### Phase 2

This phase consisted of a pretest and posttest, reflections from his students and himself, closing remarks, data analysis and results, limitations, conclusions, recommendations, and references.

The completer administered a pre- and posttest and presented results as follows:

**Table 4.1.1**

*Pre- and posttest scores of students in grade 10 History class*

COMPLETER PROFESSIONAL PORTFOLIO (CPP)					
RAW DATA - PRE AND POSTTEST RESULTS					
CASE STUDY II					
SUBJECT: HISTORY					
GRADE 10					
STUDENT	PRETEST	POSTTEST	change		AVG
1	10	10	0		10
2	6	10	4		8
3	3	8	5		5.5

4	8	9	1		8.5
5	5	8	3		6.5
6	5	9	4		7
7	4	7	3		5.5
8	6	7	1		6.5
9	10	10	0		10
10	3	10	7		6.5
11	5	8	3		6.5
12	6	9	3		7.5
13	3	7	4		5
14	9	10	1		9.5
15	6	10	4		8
16	5	7	2		6
17	5	10	5		7.5
18	7	10	3		8.5
19	6	9	3		7.5
	<b>5.89</b>	<b>8.84</b>	<b>2.95</b>		<b>7.37</b>

As this table shows, the impact of the completer on the 10<sup>th</sup> grade students is positive. Pre-test scores show an average of 5.89, while posttest scores show an average of 8.84. This gives a net increase of 2.95 in scores, for a net average of 7.37. These scores suggest an increase in the impact of the completer upon the students, and therefore, an increase in learning.

Three evaluators scored the study, and generated the descriptive statistics.