# InterAmerican University of Puerto Rico Fajardo Campus Department of Liberal Arts

Fajardo TEP Annual Report 2023

# Table of Contents

$Cooperating\ Teacher\ evaluation\ of\ trainee\ teachers'\ professional\ competencies\ (PD-1R)$	5
PD-1R evaluation data by specialty.	6
Early Childhood Education: Preschool Level Education (tables 3 and 4)	6
Early Childhood Education: Elementary Primary Level K-3 (tables 5 and 6)	7
Secondary Education in Biology (tables 7 and 8)	8
Teaching English as Second Language Elementary Level (tables 9 and 10)	9
Special Education (tables 11 and 12)	10
Supervisor evaluation of trainee teachers' professional competencies (PD-2R)	11
PD-2R evaluation data by specialty (tables 16 to 30).	12
Early Childhood Education: Preschool Level Education (tables 16 to 18)	12
Early Childhood Education: Elementary Primary Level K-3 (tables 19 to 21)	14
Secondary Education in Biology (tables 22 to 24)	15
Teaching English as Second Language Elementary Level (tables 25 to 27)	17
Special Education (tables 28 to 30)	18
Portfolio Evaluation (PD-7)	20
Teacher Academic Project (PD-8A)	21
Satisfaction of Trainee teachers with the Fajardo TEP (PD-10)	22
PD – 10 evaluation data by specialty (tables 34 to 38)	22
Early Childhood Education: Preschool Level Education (table 34)	22
Early Childhood Education: Elementary Primary Level (K-3) (table 35)	23
Secondary Education in Biology (table 36)	23
Teaching English as Second Language Elementary Level (table 37)	24
Special Education (table 38)	24
Cooperating teachers' evaluation of trainee teacher professional disposition abilities (PD-11).	25
Trainee teachers' evaluation of supervisor teacher effectiveness (PD-13)	26
PD – 13 evaluation data by specialty (tables 41 to 45)	27
Early Childhood Education: Preschool Level Education (table 41)	27
Early Childhood Education: Elementary Primary Level K-3 (table 42)	28
Secondary Education in Biology (table 43)	29
Teaching English as Second Language Elementary Level (table 44)	30
Special Education (table 45)	31
Trainee teacher's evaluation of cooperating teacher effectiveness (PD-14)	32
PD – 14 evaluation data by specialty (tables 47 to 51)	33
Early Childhood Education: Preschool Level Education (table 47)	33

Early Childhood Education: Elementary Primary Level K-3 (table 48)	34
Secondary Education in Biology (table 49)	35
Teaching English as Second Language Elementary Level (table 50)	36
Special Education (table 51)	37
Alumni Satisfaction (EGRES – 15)	38
EGRES – 15 evaluation data by specialty	38
Early Childhood Education: Preschool Level Education (table 53)	38
Early Childhood Education: Elementary Primary Level K-3 (table 54)	39
Secondary Education in Biology (table 55)	39
Teaching English as Second Language Elementary Level (table 56)	40
Special Education (table 57)	40
Employers' evaluation of Fajardo TEP completers (IP-12)	41
Completers from the Educational Leadership and Management Program ET-14	42
Teacher Candidate evaluation by students (I Practicante - 04)	43
I Practicante – 04 by student (table 62 and 63)	43
Shalayaah Cruz	43
Frances Tirado Matos	44
Teacher Candidate evaluation by students (I Practicante - 05)	45
I Practicante – 05 by student (table 65)	45
Kathia Frías	45
Teacher Candidate evaluation by students (I Practicante - 06)	46
I Practicante – 06 by student (table 67)	46
Carlos D. Rodríguez	46

**Evaluation instruments included in the 2023 report** 

Survey (2023)	January – May	August –	By specialty	Included in
	2023	December 2023		the report
PD – 1R	4	5	$\sqrt{}$	$\sqrt{}$
PD – 2R	4	5	$\sqrt{}$	$\sqrt{}$
PD – 7	4	5		$\sqrt{}$
PD – 8A	4	5		$\sqrt{}$
PD – 10	4	5	$\sqrt{}$	
PD – 11	4	5		$\sqrt{}$
PD – 13	4	5	$\sqrt{}$	
PD – 14	4	5	$\sqrt{}$	$\sqrt{}$
EGRES - 15	4	5	$\sqrt{}$	
IP - 12		1		$\sqrt{}$
ET - 14		4		$\sqrt{}$
I Maestro Practicante 04		2		$\sqrt{}$
I Maestro Practicante 05		1		
I Maestro Practicante 06		1		$\sqrt{}$

**Students by Specialty** 

Specialty	Total of Students
Early Childhood Education: Elementary Primary Level (K-3)	5
Secondary Education in Biology	1
Teaching English as Second Language Elementary Level	1
Early Childhood Education: Preschool Level Education	1
Special Education	1
Total	9

# Cooperating Teacher evaluation of trainee teachers' professional competencies (PD-1R)

Nine cooperating Teachers (five Early Childhood Education: Elementary Primary Level (K-3), one Secondary Education in Biology, one Teaching English as Second Language Elementary Level, one Early Childhood Education: Preschool Level Education and one Special Education) evaluated the professional competencies of Fajardo TEP Trainee teachers. This instrument has an internal reliability of 0.98, which is considered excellent. Fajardo TEP cooperating teachers evaluated participants two times during the semester. Tables 1 and 2 presents the results for both evaluations. For these two evaluations all the set target was met.

Table 1
Cooperating Teacher evaluation of trainee teachers by professional competencies (first evaluation)

<i>c, c,</i>										
	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
										Scale
N	9	9	9	9	9	9	9	9	9	9
Missing	0	0	0	0	0	0	0	0	0	0
Mean	14.56	15.56	11.11	11.22	25.78	10.22	9.33	45.67	24.00	168.44
Std. Deviation	1.50	1.83	0.99	0.92	1.87	1.47	1.70	3.27	2.87	16.42
Minimum	12	14	9	10	23	8	6	41	20	143
Maximum	16	19	12	12	28	12	12	51	28	190
Target Met	$\sqrt{}$			$\sqrt{}$	$\sqrt{}$		$\sqrt{}$			$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. Each of the nine Trainee teachers was evaluated two times hence the total sample of 18. The target for the full scale is 144.

Table 2
Cooperating Teacher evaluation of trainee teachers by professional competencies (second evaluation)

,	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
										Scale
N	9	9	9	9	9	9	9	9	9	9
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.78	19.22	11.89	11.56	27.11	11.33	11.67	50.56	26.78	185.89
Std. Deviation	0.42	1.31	0.31	0.68	0.99	0.94	0.67	1.64	1.03	8.00
Minimum	15	16	11	10	25	10	10	48	25	170
Maximum	16	20	12	12	28	12	12	52	28	192
Target Met	$\sqrt{}$				$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

### **PD-1R** evaluation data by specialty (tables 3 to 12).

#### Early Childhood Education: Preschool Level Education (tables 3 and 4)

Table 3
Cooperating Teacher evaluation of trainee teachers by professional competencies (first evaluation): Early Childhood Education: Preschool Level Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	15	11	CIVI	1 IX	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	12.00	14.00	10.00	10.00	25.00	8.00	6.00	41.00	20.00	146.00
Std. Deviation	0.00	0.40	0.47	0.47	0.49	0.47	0.00	0.53	0.35	3.19
Minimum	12	14	10	10	25	8	6	41	20	146
Maximum	12	14	10	10	25	8	6	41	20	146
Target Met	$\sqrt{}$		$\checkmark$	$\sqrt{}$	$\checkmark$			$\sqrt{}$		$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 4
Cooperating Teacher of trainee teachers by professional competencies (second evaluation):
Early Childhood Education: Preschool Level Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	20.00	12.00	12.00	28.00	12.00	12.00	52.00	27.00	191.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35
Minimum	16	20	12	12	28	12	12	52	27	191.00
Maximum	16	20	12	12	28	12	12	52	27	191.00
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

### Early Childhood Education: Elementary Primary Level K-3 (tables 5 and 6)

Table 5
Cooperating Teacher evaluation of trainee teachers by professional competencies (first evaluation): Early Childhood Education: Elementary Primary Level (K-3)

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ГK	D	KI			Scale
N	5	5	5	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0	0	0	0
Mean	14.40	17.00	10.80	11.40	25.60	9.80	9.60	45.40	24.40	168.40
Std. Deviation	1.36	1.41	0.98	0.80	2.06	1.17	1.20	2.87	2.06	13.91
Minimum	12	15	9	10	23	9	9	43	22	152
Maximum	16	19	12	12	28	12	12	51	28	190
Target Met	$\sqrt{}$				$\checkmark$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 6
Cooperating Teacher evaluation of trainee teachers by professional competencies (second evaluation): Early Childhood Education: Elementary Primary Level (K-3)

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ГK	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.80	20.00	11.80	11.20	26.80	10.80	11.40	50.40	26.80	185.00
Std. Deviation	0.40	0.00	0.40	0.75	1.17	0.98	0.80	1.62	1.17	7.29
Minimum	15	20	11	10	25	10	10	48	25	174
Maximum	16	20	12	12	28	12	12	52	28	192
Target Met	$\sqrt{}$	$\checkmark$	$\checkmark$	$\sqrt{}$	$\checkmark$	$\checkmark$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$

### Secondary Education in Biology (tables 7 and 8)

Table 7
Cooperating Teacher evaluation of trainee teachers by professional competencies (first evaluation): Secondary Education Biology

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	15	11	CIVI	I IX	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	14.00	12.00	10.00	27.00	12.00	11.00	50.00	26.00	178.00
Std. Deviation	0.00	0.40	0.00	0.47	0.35	0.00	0.47	0.36	0.45	2.51
Minimum	16	14	12	10	27	12	11	50	26	178
Maximum	16	14	12	10	27	12	11	50	26	178
Target Met	$\sqrt{}$				$\sqrt{}$		$\sqrt{}$		$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 8
Cooperating Teacher evaluation of trainee teachers by professional competencies (second evaluation): Secondary Education Biology

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	rĸ	ט	ΚI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.00	18.00	12.00	12.00	27.00	12.00	12.00	52.00	26.00	186.00
Std. Deviation	0.43	0.49	0.00	0.00	0.35	0.00	0.00	0.00	0.45	1.72
Minimum	15	18	12	12	27	12	12	52	26	186
Maximum	15	18	12	12	27	12	12	52	26	186
Target Met	$\sqrt{}$									

### Teaching English as Second Language Elementary Level (tables 9 and 10)

Table 9
Cooperating Teacher evaluation of trainee teachers by professional competencies (first evaluation): Teaching English as Second Language Elementary Level

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CIX	15	11	CIVI	1 IX	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.00	17.00	12.00	12.00	28.00	11.00	11.00	49.00	28.00	183.00
Std. Deviation	0.43	0.80	0.00	0.00	0.00	0.47	0.47	0.58	0.00	2.75
Minimum	15	17	12	12	28	11	11	49	28	183
Maximum	15	17	12	12	28	11	11	49	28	183
Target Met	$\sqrt{}$		$\sqrt{}$						$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 10 Cooperating Teacher evaluation of trainee teachers by professional competencies (second evaluation): Teaching English as Second Language Elementary Level

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	15	11	CIVI	I IX	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	3	0
Mean	16.00	19.00	12.00	12.00	28.00	12.00	12.00	51.00	28.00	190.00
Std. Deviation	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.67
Minimum	16	19	12	12	28	12	12	51	28	190
Maximum	16	19	12	12	28	12	12	51	28	190
Target Met			$\sqrt{}$	$\sqrt{}$		$\sqrt{}$			$\sqrt{}$	$\sqrt{}$

#### Special Education (tables 11 and 12)

Table 11 Cooperating Teacher evaluation of trainee teachers by professional competencies (first evaluation): Special Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	K1			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	3	0
Mean	16.00	19.00	12.00	12.00	24.00	12.00	8.00	44.00	20.00	167.00
Std. Deviation	0.00	0.40	0.00	0.00	1.40	0.00	1.89	1.44	1.81	6.94
Minimum	16	19	12	12	24	12	8	44	20	167
Maximum	16	19	12	12	24	12	8	44	20	167
Target Met	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\checkmark$		$\sqrt{}$		$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 12
Cooperating Teacher evaluation of trainee teachers by professional competencies (second evaluation): Special Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	3	0
Mean	16.00	16.00	12.00	12.00	27.00	12.00	12.00	48.00	26.00	181.00
Std. Deviation	0.00	1.60	0.00	0.00	0.35	0.00	0.00	1.07	0.45	3.47
Minimum	16	16	12	12	27	12	12	48	26	181
Maximum	16	16	12	12	27	12	12	48	26	181
Target Met	$\sqrt{}$									

### **Supervisor evaluation of trainee teachers' professional competencies (PD-2R)**

Supervisors from Fajardo TEP evaluated the professional competencies of Trainee teachers. This instrument has an internal reliability of 0.96, which is considered excellent. Fajardo TEP supervisors evaluated nine trainees in three different occasions. The analysis revealed that the Trainee teachers met all set targets of their professional competencies' evaluation. The results can be observed in tables 13 to 15.

Table 13
Supervisor evaluation of trainee teachers by professional competencies (first evaluation)

	CV	тс	TI	CM	DD	D	RT	CR	SD	Full
	CK	TS	11	CM	PR	D	KI			Scale
N	9	9	9	9	9	9	9	9	9	9
Missing	0	0	0	0	0	0	0	0	0	0
Mean	14.44	16.89	10.44	10.44	26.00	10.22	9.44	47.89	25.22	171.00
Std. Deviation	0.83	1.29	1.50	0.96	2.40	0.92	0.96	3.45	1.87	14.17
Minimum	13	15	8	9	21	9	9	42	22	148
Maximum	16	19	12	12	28	11	12	52	28	190
Target Met	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 14
Supervisor evaluation of trainee teachers by professional competencies (second evaluation)

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	rĸ	D	ΚI			Scale
N	9	9	9	9	9	9	9	9	9	9
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.56	19.11	11.44	11.56	27.11	11.22	10.44	49.67	27.22	183.33
Std. Deviation	0.50	0.99	0.96	0.83	1.37	0.79	0.68	1.76	0.92	8.80
Minimum	15	17	9	10	24	10	10	46	26	167.00
Maximum	16	20	12	12	28	12	12	52	28	192.00
Target Met	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$

Table 15
Supervisor evaluation of trainee teachers by professional competencies (third evaluation)

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	KI			Scale
N	7	7	7	7	7	7	7	7	7	7
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.44	19.33	11.33	10.44	27.00	11.33	11.33	51.22	27.56	185.00
Std. Deviation	0.83	0.82	0.82	3.72	1.15	1.25	1.05	0.79	0.68	11.11
Minimum	14	18	10	0	25	8	9	50	26	160
Maximum	16	20	12	12	28	12	12	52	28	192
Target Met	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

### PD-2R evaluation data by specialty (tables 16 to 30).

### Early Childhood Education: Preschool Level Education (tables 16 to 18)

Table 16
Supervisor evaluation of trainee teachers by professional competencies (first evaluation): Early Childhood Education: Preschool Level Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ГK	D	K1			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	14.00	17.00	11.00	12.00	27.00	10.00	9.00	48.00	25.00	173.00
Std. Deviation	0.50	0.49	0.47	0.00	0.35	0.47	0.00	0.46	0.49	3.24
Minimum	14	17	11	12	27	10	9	48	25	173
Maximum	14	17	11	12	27	10	9	48	25	173
Target Met	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

Table 17
Supervisor evaluation of trainee teachers by professional competencies (second evaluation):
Early Childhood Education: Preschool Level Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.00	19.00	12.00	12.00	28.00	12.00	10.00	50.00	27.00	185.00
Std. Deviation	0.43	0.40	0.00	0.00	0.00	0.00	0.47	0.36	0.35	2.02
Minimum	15	19	12	12	28	12	10	50	27	185
Maximum	15	19	12	12	28	12	10	50	27	185
Target Met	$\checkmark$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 18
Supervisor evaluation of trainee teachers by professional competencies (third evaluation): Early Childhood Education: Preschool Level Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	Κī			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	20.00	12.00	12.00	28.00	8.00	12.00	52.00	27.00	187.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	1.89	0.00	0.00	0.35	2.24
Minimum	16	20	12	12	28	8	12	52	27	187
Maximum	16	20	12	12	28	8	12	52	27	187
Target Met	$\sqrt{}$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$

### Early Childhood Education: Elementary Primary Level K-3 (tables 19 to 21)

Table 19
Supervisor evaluation of teachers by professional competencies (first evaluation): Early Childhood Education: Elementary Primary Level (K-3)

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	ΚI			Scale
N	5	5	5	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0	0	0	0
Mean	14.20	16.20	10.60	9.80	25.00	9.80	9.20	46.00	24.20	165.00
Std. Deviation	0.75	1.17	1.50	0.40	2.76	0.98	0.40	3.41	1.47	12.82
Minimum	13	15	8	9	21	9	9	42	22	148
Maximum	15	18	12	10	28	11	10	50	26	180
Target Met	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 20
Supervisor evaluation of trainee teachers by professional competencies (second evaluation):
Early Childhood Education: Elementary Primary Level (K-3)

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	15	11	CIVI	ГK	D	ΚI			Scale
N	5	5	5	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.80	19.40	11.20	11.20	26.40	10.80	10.20	48.80	26.80	180.60
Std. Deviation	0.40	0.80	1.17	0.98	1.50	0.75	0.40	1.60	0.98	8.57
Minimum	15	18	9	10	24	10	10	46	26	168
Maximum	16	20	12	12	28	12	11	51	28	190
Target Met	$\sqrt{}$			$\sqrt{}$				$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

Table 21
Supervisor evaluation of trainee teachers by professional competencies (third evaluation): Early Childhood Education: Elementary Primary Level (K-3)

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	KI			Scale
N	5	5	5	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.40	19.40	11.20	9.40	26.60	11.80	11.40	51.00	27.40	183.60
Std. Deviation	0.80	0.80	0.75	4.72	1.20	0.40	0.80	0.89	0.80	11.16
Minimum	14	18	10	0	25	11	10	50	26	164.00
Maximum	16	20	12	12	28	12	12	52	28	192.00
Target Met	$\sqrt{}$	$\checkmark$	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

### Secondary Education in Biology (tables 22 to 24)

Table 22 Supervisor evaluation of teachers by professional competencies (first evaluation): Secondary Education in Biology

	CK	TS	S TI	TI CM	PR	D	RT	CR	SD	Full
										Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	19.00	12.00	12.00	28.00	11.00	12.00	52.00	28.00	190.00
Std. Deviation	0.00	0.40	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.87
Minimum	16	19	12	12	28	11	12	52	28	190
Maximum	16	19	12	12	28	11	12	52	28	190
Target Met	$\sqrt{}$									

Table 23
Supervisor evaluation of trainee teachers by professional competencies (second evaluation):
Secondary Education in Biology

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	ΚI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.00	19.00	11.00	11.00	28.00	12.00	12.00	52.00	28.00	189.00
Std. Deviation	0.43	0.40	0.47	0.00	0.00	0.00	0.00	0.00	0.00	1.30
Minimum	15	19	11	12	28	12	12	52	28	189
Maximum	15	19	11	12	28	12	12	52	28	189
Target Met	$\sqrt{}$									

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 24
Supervisor evaluation of trainee teachers by professional competencies (third evaluation):
Secondary Education in Biology

			/							
	CK	TS	S TI	CM	PR	D	RT	CR	SD	Full
	CIX	15	11	CIVI	110	D	IXI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	20.00	12.00	12.00	28.00	12.00	12.00	52.00	28.00	192.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	16	20	12	12	28	12	12	52	28	192
Maximum	16	20	12	12	28	12	12	52	28	192
Target Met	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$				$\sqrt{}$	$\sqrt{}$

### Teaching English as Second Language Elementary Level (tables 25 to 27)

Table 25
Supervisor evaluation teachers by professional competencies (first evaluation): Teaching English as Second Language Elementary Level

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.00	17.00	8.00	10.00	28.00	11.00	9.00	50.00	25.00	173.00
Std. Deviation	0.43	0.49	0.47	0.47	0.00	0.47	0.00	0.36	0.49	3.19
Minimum	15	17	8	10	28	11	9	50	25	173
Maximum	15	17	8	10	28	11	9	50	25	173
Target Met	$\sqrt{}$	$\checkmark$		$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 26
Supervisor evaluation of trainee teachers by professional competencies (second evaluation):
Teaching English as Second Language Elementary Level

	CV	TC	TI	CM	DD	D	рт	CR	SD	Full
	CK	TS	11	CIVI	PR	D	RT			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	15.00	17.00	12.00	12.00	28.00	11.00	11.00	49.00	28.00	183.00
Std. Deviation	0.43	0.49	0.00	0.00	0.00	0.47	0.47	0.42	0.00	2.29
Minimum	15	17	12	12	28	11	11	49	28	183
Maximum	15	17	12	12	28	11	11	49	28	183
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

Table 27
Supervisor evaluation of trainee teachers by professional competencies (third evaluation):
Teaching English as Second Language Elementary Level

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	15	11	CIVI	ΓK	D	Κī			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	19.00	12.00	12.00	28.00	12.00	12.00	51.00	28.00	190.00
Std. Deviation	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.67
Minimum	16	19	12	12	28	12	12	51	28	190
Maximum	16	19	12	12	28	12	12	51	28	190
Target Met	$\sqrt{}$		$\sqrt{}$			$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

### Special Education (tables 28 to 30)

Table 28
Supervisor evaluation of teachers by professional competencies (first evaluation): Special Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	15	11	CIVI	ΓK	D	KI			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	14.00	18.00	10.00	11.00	26.00	11.00	9.00	51.00	28.00	178.00
Std. Deviation	0.50	0.49	0.47	0.47	0.45	0.47	0.00	0.27	0.00	3.12
Minimum	14	18	10	11	26	11	9	51	28	178
Maximum	14	18	10	11	26	11	9	51	28	178
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\checkmark$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

Table 29
Supervisor evaluation of trainee teachers by professional competencies (second evaluation):
Special Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	20.00	12.00	12.00	28.00	12.00	10.00	52.00	28.00	190.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.47
Minimum	16	20	12	12	28	12	10	52	28	190
Maximum	16	20	12	12	28	12	10	52	28	190
Target Met	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$				$\sqrt{}$	$\sqrt{}$	$\checkmark$

*Note.* The legend for the professional competencies is: CK= Content Knowledge; TS= Teaching Skills; TI= Technology Integration; CM= Class Management; PR= Professional Responsibility; D= Diversity; RT= Reflective Thinking; CR= college readiness; SD= Student Development. The target mean for the full scale is 144 and for each category is: CK= 12.00; TS= 15.00; TI= 9.00; CM= 9.00; PR= 21.00; D= 9.00, RT= 9.00, CR= 39.00, and SD= 21.00. The target for the full scale is 144.

Table 30
Supervisor evaluation of trainee teachers by professional competencies (third evaluation):
Special Education

	CK	TS	TI	CM	PR	D	RT	CR	SD	Full
	CK	13	11	CIVI	ΓK	D	Κī			Scale
N	1	1	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0	0	0
Mean	16.00	20.00	12.00	12.00	28.00	12.00	12.00	52.00	28.00	192.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	16	20	12	12	28	12	12	52	28	192
Maximum	16	20	12	12	28	12	12	52	28	192
Target Met	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$						

### **Portfolio Evaluation (PD-7)**

Fajardo TEP supervisors evaluated the professional portfolio of nine trainee teacher students for the year 2023. The portfolio evaluation is divided into eight areas: autobiography, conceptual understating, planning, developmental activities, reflections, grammar, technical language, and coherence. The portfolio used a scale that went from very acceptable (4) to not acceptable (1). The internal reliability of the instrument used to assess the portfolio is 0.78; this is an acceptable reliability.

In Table 31, the scores for each evaluated area and the total score of the portfolio are presented. The established target to determine if Fajardo TEP Trainee teachers met the criteria for the portfolio is 3.00 for each area and 24.00 for the total score. The analysis results revealed that Trainee teachers met the established goal in all the categories evaluated.

Table 31
Results of the trainee teachers' portfolio evaluation

Item	Mean	SD	Minimum	Maximum	Target Met
Autobiography	3.89	0.31	3	4	
Concept Know.	3.56	0.68	2	4	$\checkmark$
Planning	3.89	0.31	3	4	$\sqrt{}$
Develop Act.	3.78	0.63	2	4	$\checkmark$
Reflection	3.67	0.47	3	4	$\sqrt{}$
Grammar	3.89	0.31	3	4	$\sqrt{}$
Tec. Language	3.78	0.42	3	4	$\checkmark$
Coherence	3.89	0.31	3	4	$\sqrt{}$
Total Portfolio	30.33	3.46	22	32	$\sqrt{}$

*Note*. The target mean for each premise is 3.00 and 24.00 for the total score.

# **Teacher Academic Project (PD-8A)**

Table 32 includes the results for the Teacher Academic Project Evaluation. The results of the analysis by item and full scale reveal that the trainee teachers met their goals in all of the areas evaluated.

Table 32
Results of the trainee teachers academic project evaluation.

Item	N	Mean	SD	Minimum	Maximum	Target Met
Academic Project 1	9	3.67	0.67	2	4	
Academic Project 2	9	3.67	0.47	3	4	$\sqrt{}$
Academic Project 3	9	3.89	0.31	3	4	$\sqrt{}$
Academic Project 4	9	3.89	0.31	3	4	$\sqrt{}$
Academic Project 5	9	3.56	0.68	2	4	$\sqrt{}$
Academic Project 6	9	3.67	0.67	2	4	$\sqrt{}$
Academic Project 7	9	3.89	0.31	3	4	$\sqrt{}$
Academic Project 8	9	3.67	0.47	3	4	$\sqrt{}$
Academic Project 9	9	3.67	0.67	2	4	$\sqrt{}$
Academic Project 10	9	3.67	0.47	3	4	$\sqrt{}$
Academic Project 11	9	3.67	0.47	3	4	$\sqrt{}$
Academic Project 12	9	3.78	0.42	3	4	$\sqrt{}$
Academic Project 13	9	3.78	0.42	3	4	$\sqrt{}$
Phase 1	9	32.89	10.72	24	52	$\sqrt{}$
Phase 2	9	26.11	2.88	21	28	$\sqrt{}$
Total	9	48.44	6.34	35	52	$\sqrt{}$

*Note.* The target mean for each premise is 3.00. The target met for phase 1 is 18.00 and for phase 2 is 21.00. The target met for the total score is 39.00.

### **Satisfaction of Trainee teachers with the Fajardo TEP (PD-10)**

This section includes the results of a survey that compiled information on the satisfaction of trainee teachers and completers with the Fajardo TEP. The trainee teachers' and completers' satisfaction are composed of 34 premises that evaluate 7 areas of professional competency. The TEP established a mean of 4.00 or more to determine success in the premise. The survey scale has five levels that go from very satisfied to unsatisfied. The Survey (PD10) had the purpose of identifying the perception of Fajardo TEP trainee teachers in the different program areas. The reliability for the full scale was 0.74, which is considered acceptable.

Table 33
Trainee teacher's satisfaction with the Fajardo TEP by professional competencies

	CK	TS	AD	CM	TI	KS	PR	Full Scale
N	9	9	9	9	9	9	9	9
Missing	0	0	0	0	0	0	0	0
Mean	28.44	14.44	38.11	19.56	9.11	33.89	19.89	163.44
Std. Deviation	2.45	1.07	2.64	0.96	1.59	2.18	0.31	11.21
Minimum	23	12	33	17	5	28	19	137
Maximum	30	15	40	20	10	35	20	170
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; CM= Class Management; TI= Technology Integration; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 24.00, TS= 12.00, AD= 32.00, CM= 16.00, TI= 8.00, KS= 28.00, and PR= 16.00. The target mean for the full scale is 136. The  $\sqrt{}$  means that the target score was met.

### *PD* – *10 evaluation data by specialty* (tables 34 to 38)

### Early Childhood Education: Preschool Level Education (table 34)

Table 34
Trainee teacher's satisfaction with the Fajardo TEP by professional competencies: Early Childhood Education: Preschool Level Education

	CK	TS	AD	CM	TI	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	23.00	12.00	33.00	17.00	8.00	33.00	20.00	146.00
Std. Deviation	0.69	0.00	0.60	0.43	0.00	0.45	0.00	2.17
Minimum	23	12	33	17	8	33	20	146
Maximum	23	12	33	17	8	33	20	146
Target Met		$\sqrt{}$						

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; CM= Class Management; TI= Technology Integration; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 24.00, TS= 12.00, AD= 32.00, CM= 16.00, TI= 8.00, KS= 28.00, and PR= 16.00. The target mean for the full scale is 136. The  $\sqrt{}$  means that the target score was met.

#### Early Childhood Education: Elementary Primary Level (K-3) (table 35)

Table 35
Trainee teacher's satisfaction with the Fajardo TEP by professional competencies: Early Childhood Education: Elementary Primary Level (K-3)

	CK	TS	AD	CM	TI	KS	PR	Full Scale
N	5	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0	0
Mean	28.80	14.60	38.20	20.00	9.80	34.80	19.80	166.00
Std. Deviation	1.94	0.80	2.40	0.00	0.40	0.40	0.40	6.34
Minimum	25	13	34	20	9	34	19	154
Maximum	30	15	40	20	10	35	20	170
Target Met	$\checkmark$	$\sqrt{}$						

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; CM= Class Management; TI= Technology Integration; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 24.00, TS= 12.00, AD= 32.00, CM= 16.00, TI= 8.00, KS= 28.00, and PR= 16.00. The target mean for the full scale is 136. The  $\sqrt{}$  means that the target score was met.

#### Secondary Education in Biology (table 36)

Table 36
Trainee teacher's satisfaction with the Fajardo TEP by professional competencies: Secondary Education in Biology

	CK	TS	AD	CM	TI	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	30.00	15.00	40.00	19.00	10.00	35.00	20.00	169.00
Std. Deviation	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.43
Minimum	30	15	40	19	10	35	20	169
Maximum	30	15	40	19	10	35	20	169
Target Met	$\sqrt{}$							

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; CM= Class Management; TI= Technology Integration; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 24.00, TS= 12.00, AD= 32.00, CM= 16.00, TI= 8.00, KS= 28.00, and PR= 16.00. The target mean for the full scale is 136. The  $\sqrt{}$  means that the target score was met.

#### Teaching English as Second Language Elementary Level (table 37)

Table 37
Trainee teacher's satisfaction with the Fajardo TEP by professional competencies: Teaching English as Second Language Elementary Level

	CK	TS	AD	CM	TI	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	30.00	15.00	40.00	20.00	5.00	35.00	20.00	165.00
Std. Deviation	0.00	0.00	0.00	0.00	2.50	0.00	0.00	2.50
Minimum	30	15	40	20	5	35	20	165
Maximum	30	15	40	20	5	35	20	165
Target Met	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\checkmark$	$\sqrt{}$	$\sqrt{}$

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; CM= Class Management; TI= Technology Integration; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 24.00, TS= 12.00, AD= 32.00, CM= 16.00, TI= 8.00, KS= 28.00, and PR= 16.00. The target mean for the full scale is 136. The  $\sqrt{}$  means that the target score was met.

### Special Education (table 38)

Table 38
Trainee teacher's satisfaction with the Fajardo TEP by professional competencies (Special Education)

	CK	TS	AD	CM	TI	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	29.00	15.00	39.00	20.00	10.00	28.00	20.00	161.00
Std. Deviation	0.37	0.00	0.33	0.00	0.00	0.93	0.00	1.63
Minimum	29	15	39	20	10	28	20	161
Maximum	29	15	39	20	10	28	20	161
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; CM= Class Management; TI= Technology Integration; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 24.00, TS= 12.00, AD= 32.00, CM= 16.00, TI= 8.00, KS= 28.00, and PR= 16.00. The target mean for the full scale is 136. The  $\sqrt{}$  means that the target score was met.

# Cooperating teachers' evaluation of trainee teacher professional disposition abilities (PD-11)

The Teacher-Disposition Survey (PD-11) has 20 items that measure the dispositions of trainee teachers. The scale has five levels: five is excellent, four means very good, three is good, two is deficient, and one is poor. This instrument has a reliability of 0.94, and this is excellent reliability.

The results of the trainee dispositions survey revealed that Fajardo TEP met the goals in all the premises measures and for all the measured areas. These results can be observed in table 39.

Table 39

Results of the trainee's disposition by professional competencies

	PC	RL	E	Full Scale
N	9	9	9	9
Missing	0	0	0	0
Mean	34.78	33.78	29.22	97.78
Std. Deviation	0.42	1.87	1.23	3.52
Minimum	34	29	26	89
Maximum	35	35	30	100
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the dispositions is: PC=Positive commitment, RL= Reflective Learners, and E= Empathy. The target mean for each disposition is: PC=28.00, RL=28.00, and E= 24.00. The target mean for the total scale is 80.00.

# Trainee teachers' evaluation of supervisor teacher effectiveness (PD-13)

This instrument is composed of 16 premises that measured the effectiveness of Fajardo TEP supervisors for the year 2023. This instrument has an internal reliability of 0.79; this is considered acceptable. The results of the trainee teachers' evaluation of supervisors' effectiveness showed that Fajardo TEP met the goals in all the premises and professional competencies measured (table 40).

Table 40
Evaluation of supervisor effectiveness

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	9	4.89	0.31	4	5	V
Effectivity2	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity5	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity12	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity13	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity15	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	9	5.00	0.00	5	5	$\sqrt{}$
Total	9	79.56	1.24	76	80	$\sqrt{}$

# **PD** – **13 evaluation data by specialty** (tables 41 to 45)

# Early Childhood Education: Preschool Level Education (table 41)

Table 41
Evaluation of supervisor effectiveness: Early Childhood Education: Preschool Level Education

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	5.00	0.00	5	5	
Effectivity2	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity5	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity12	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity15	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	1	5.00	0.00	5	5	$\sqrt{}$
Total	1	78.00	0.00	78	78	$\sqrt{}$

# Early Childhood Education: Elementary Primary Level K-3 (table 42)

Table 42 Evaluation of supervisor effectiveness: Elementary Education K-3

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	5	4.80	0.40	4	5	V
Effectivity2	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity5	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity12	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	5	5.00	0.00	5	5	$\sqrt{}$
Total	5	79.80	0.40	5	5	$\sqrt{}$

# Secondary Education in Biology (table 43)

Table 43
Evaluation of supervisor effectiveness: Secondary Education in Biology

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	5.00	0.00	5	5	
Effectivity2	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	1	5.00	0.00	5	5	$\checkmark$
Effectivity4	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity5	1	5.00	0.00	5	5	$\checkmark$
Effectivity6	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	1	5.00	0.00	5	5	$\checkmark$
Effectivity9	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	1	5.00	0.00	5	5	$\checkmark$
Effectivity11	1	5.00	0.00	5	5	$\checkmark$
Effectivity12	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	1	5.00	0.00	5	5	$\checkmark$
Effectivity15	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	1	5.00	0.00	5	5	$\sqrt{}$
Total	1	80.00	0.00	80	80	

# Teaching English as Second Language Elementary Level (table 44)

Table 44
Evaluation of supervisor effectiveness: Teaching English as Second Language Elementary Level

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	5.00	0.00	5	5	
Effectivity2	1	5.00	0.00	5	5	$\checkmark$
Effectivity3	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	1	5.00	0.00	5	5	$\checkmark$
Effectivity5	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	1	5.00	0.00	5	5	$\checkmark$
Effectivity10	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	1	5.00	0.00	5	5	$\checkmark$
Effectivity12	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\checkmark$
Effectivity14	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	1	5.00	0.00	5	5	$\sqrt{}$
Total	1	79.00	0.00	79	79	$\sqrt{}$

# Special Education (table 45)

Table 45
Evaluation of supervisor effectiveness: Special Education

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity2	1	5.00	0.00	5	5	$\checkmark$
Effectivity3	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	1	5.00	0.00	5	5	$\checkmark$
Effectivity5	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	1	5.00	0.00	5	5	$\checkmark$
Effectivity8	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	1	5.00	0.00	5	5	$\checkmark$
Effectivity12	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	1	5.00	0.00	5	5	$\sqrt{}$
Total	1	80.00	0.00	80	80	$\sqrt{}$

## Trainee teacher's evaluation of cooperating teacher effectiveness (PD-14)

This section presents the results of the cooperating teacher effectiveness evaluation. The sample is composed of nine trainee teachers that specialize in the areas of: Pre-school (1), Elementary K-3 (5), Elementary English (1), Secondary Education Biology (1), and Special Education (1). This instrument is composed of 16 premises that measured the effectiveness of Fajardo TEP personnel. This instrument has an internal reliability 0.93; this is an excellent reliability. Fajardo TEP cooperating teachers met all goals measured in the scale (see table 46).

Table 46

Evaluation of cooperating teachers' effectiveness

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	9	4.89	0.31	4	5	V
Effectivity2	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity3	9	4.67	0.67	3	5	$\sqrt{}$
Effectivity4	9	4.67	0.67	3	5	$\sqrt{}$
Effectivity5	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity6	9	4.78	0.63	3	5	$\sqrt{}$
Effectivity7	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity8	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity9	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity10	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity11	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity12	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity13	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	9	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	9	4.89	0.31	4	5	$\sqrt{}$
Effectivity16	9	4.89	0.31	4	5	$\sqrt{}$
Total	9	77.89	5.42	63	80	$\sqrt{}$

# **PD** – **14 evaluation data by specialty** (tables 47 to 51)

# Early Childhood Education: Preschool Level Education (table 47)

Table 47
Evaluation of cooperating teachers' effectiveness: Early Childhood Education: Preschool Level Education

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	4.00	0.00	4	4	V
Effectivity2	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity3	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity4	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity5	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity6	1	3.00	0.00	3	3	
Effectivity7	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity8	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity9	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity10	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity11	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity12	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	1	4.00	0.00	4	4	$\sqrt{}$
Effectivity16	1	4.00	0.00	4	4	$\sqrt{}$
Total	1	65.00	0.00	65	65	$\sqrt{}$

# Early Childhood Education: Elementary Primary Level K-3 (table 48)

Table 48

Evaluation of cooperating teachers' effectiveness: Early Childhood Education: Elementary Primary Level (K-3)

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity2	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	5	4.60	0.80	3	5	$\sqrt{}$
Effectivity4	5	4.60	0.80	3	5	$\sqrt{}$
Effectivity5	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity12	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	5	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	5	5.00	0.00	5	5	$\sqrt{}$
Total	5	79.20	1.60	76	80	$\sqrt{}$

# Secondary Education in Biology (table 49)

Table 49
Evaluation of cooperating teachers' effectiveness: Secondary Education in Biology

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity2	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity5	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity12	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	1	5.00	0.00	5	5	$\sqrt{}$
Total	1	80.00	0.00	80	80	$\sqrt{}$

# Teaching English as Second Language Elementary Level (table 50)

Table 50
Evaluation of cooperating teachers' effectiveness: Teaching English as Second Language Elementary Level

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	5.00	0.00	5	5	V
Effectivity2	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity5	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity12	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	1	5.00	0.00	5	5	$\sqrt{}$
Total	1	80.00	0.00	80	80	$\sqrt{}$

# Special Education (table 51)

Table 51
Evaluation of cooperating teachers' effectiveness: Special Education

Item	N	Mean	SD	Minimum	Maximum	Target Met
Effectivity1	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity2	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity3	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity4	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity5	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity6	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity7	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity8	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity9	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity10	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity11	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity12	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity13	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity14	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity15	1	5.00	0.00	5	5	$\sqrt{}$
Effectivity16	1	5.00	0.00	5	5	$\sqrt{}$
Total	1	80.00	0.00	80	80	$\sqrt{}$

### Alumni Satisfaction (EGRES – 15)

This section includes the results of a survey that compiled information on the satisfaction of trainee teachers and completers with the Fajardo TEP. The trainee teachers' and completers' satisfaction are composed of 31 premises that evaluate 7 areas of professional competency. The TEP established a mean of 4.00 or more to determine success in the premise. The survey scale has five levels that go from very satisfied to unsatisfied. The Survey (EGRES -15) had the purpose of identifying the satisfaction level and pertinence of the competencies acquired in the TEP. The reliability for the full scale was 0.76, which is considered acceptable.

Table 52
Alumni satisfaction with the Fajardo TEP by professional competencies

		,		J				
	CK	TS	AD	TI	IS	KS	PR	Full Scale
N	9	9	9	9	9	9	9	9
Missing	0	0	0	0	0	0	0	0
Mean	33.00	14.56	14.56	9.78	14.33	34.44	30.00	150.67
Std. Deviation	3.30	0.96	0.83	0.63	1.25	1.26	0.00	8.22
Minimum	26	12	13	8	12	31	30	132
Maximum	35	15	15	10	15	35	30	155
Target Met	$\sqrt{}$							

*Note.* The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; TI= Technology Integration; IS = Investigation Skills; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 28.00, TS= 12.00, AD= 12.00, TI= 8.00, IS = 12, KS= 28.00, and PR= 24.00. The target mean for the full scale is 125. The  $\sqrt{\phantom{a}}$  means that the target score was met.

# EGRES – 15 evaluation data by specialty

### Early Childhood Education: Preschool Level Education (table 53)

Table 53
Alumni satisfaction with the Fajardo TEP by professional competencies: Early Childhood Education: Preschool Level Education

	CK	TS	AD	TI	IS	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	28.00	12.00	13.00	8.00	12.00	34.00	30.00	137.00
Std. Deviation	0.53	0.82	0.47	0.00	0.00	0.35	0.00	2.17
Minimum	28	12	13	8	12	34	30	137
Maximum	28	12	13	8	12	34	30	137
Target Met	$\sqrt{}$							

*Note.* The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; TI= Technology Integration; IS = Investigation Skills; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 28.00, TS= 12.00, AD= 12.00, TI= 8.00, IS = 12, KS= 28.00, and PR= 24.00. The target mean for the full scale is 125. The  $\sqrt{\phantom{a}}$  means that the target score was met.

#### Early Childhood Education: Elementary Primary Level K-3 (table 54)

Table 54
Alumni satisfaction with the Fajardo TEP by professional competencies: Early Childhood Education: Elementary Primary Level (K-3)

	CK	TS	AD	TI	IS	KS	PR	Full Scale
N	5	5	5	5	5	5	5	5
Missing	0	0	0	0	0	0	0	0
Mean	34.60	15.00	15.00	10.00	14.40	35.00	30.00	154.00
Std. Deviation	0.80	0.00	0.00	0.00	1.20	0.00	0.00	2.00
Minimum	33	15	15	10	12	35	30	150
Maximum	35	15	15	10	15	35	30	155
Target Met	$\sqrt{}$							

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; TI= Technology Integration; IS = Investigation Skills; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 28.00, TS= 12.00, AD= 12.00, TI= 8.00, IS = 12, KS= 28.00, and PR= 24.00. The target mean for the full scale is 125. The  $\sqrt{}$  means that the target score was met.

#### Secondary Education in Biology (table 55)

Table 55
Alumni satisfaction with the Fajardo TEP by professional competencies: Secondary Education in Biology

	CK	TS	AD	TI	IS	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	35.00	15.00	15.00	10.00	15.00	35.00	30.00	155.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Minimum	35	15	15	10	15	35	30	155
Maximum	35	15	15	10	15	35	30	155
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; TI= Technology Integration; IS = Investigation Skills; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 28.00, TS= 12.00, AD= 12.00, TI= 8.00, IS = 12, KS= 28.00, and PR= 24.00. The target mean for the full scale is 125. The  $\sqrt{}$  means that the target score was met.

### Teaching English as Second Language Elementary Level (table 56)

Table 56
Alumni satisfaction with the Fajardo TEP by professional competencies: Teaching English as Second Language Elementary Level

	CK	TS	AD	TI	IS	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	26.00	14.00	13.00	10.00	15.00	35.00	30.00	143.00
Std. Deviation	0.45	0.47	0.47	0.00	0.00	0.00	0.00	1.39
Minimum	26	14	13	10	15	35	30	143
Maximum	26	14	13	10	15	35	30	143
Target Met		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; TI= Technology Integration; IS = Investigation Skills; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 28.00, TS= 12.00, AD= 12.00, TI= 8.00, IS = 12, KS= 28.00, and PR= 24.00. The target mean for the full scale is 125. The  $\sqrt{}$  means that the target score was met.

### Special Education (table 57)

Table 57
Alumni satisfaction with the Fajardo TEP by professional competencies: Special Education

	CK	TS	AD	TI	IS	KS	PR	Full Scale
N	1	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0	0
Mean	35.00	15.00	15.00	10.00	15.00	31.00	30.00	151.00
Std. Deviation	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.90
Minimum	35	15	15	10	15	31	30	151
Maximum	35	15	15	10	15	31	30	151
Target Met		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\checkmark$

Note. The legend for the professional competencies is CK= content knowledge; TS= Teaching Skills; AD= Attention to diversity in the classroom; TI= Technology Integration; IS = Investigation Skills; KS= Knowledge and Skills; and PR= Professional Responsibility. The target means for each professional competency is: CK= 28.00, TS= 12.00, AD= 12.00, TI= 8.00, IS = 12, KS= 28.00, and PR= 24.00. The target mean for the full scale is 125. The  $\sqrt{}$  means that the target score was met.

## **Employers' evaluation of Fajardo TEP completers (IP-12)**

The following are the descriptive results of the Employers Evaluation of TEP completers. The sample is composed of one employer that evaluated Fajardo TEP completer's professional competencies. The survey is composed of 42 premises that evaluate six professional competencies. The Cronbach's Alpha coefficient estimated for this scale was 0.99, which is considered excellent. The results from the evaluation and by specialty can be seen in tables 58 to 59.

Table 58
Employers Evaluation of Fajardo TEP Completers Competencies

	SK	TS	TI	CP	D	KS	Full Scale
N	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0
Mean	28.00	65.00	35.00	30.00	20.00	30.00	208.00
Std. Deviation	0.47	0.00	0.00	0.00	0.00	0.00	0.47
Minimum	28	65	35	30	20	30	208
Maximum	28	65	35	30	20	30	208
Target Met	$\sqrt{}$						

*Note.* The legend for the dispositions is: SK= Subject Knowledge; TS= Teaching Skills; TI= Technology Integration; CP= Commitment to Profession; D= Diversity, and KS= Knowledge and Skills. The target mean for SK= 24; TS= 52; TI= 28; CP= 24; D= 16; KS= 24 and Full scale= 168.

Table 59
Employers Evaluation of Fajardo TEP Completers Competencies (K-3)

	SK	TS	TI	CP	D	KS	Full Scale
N	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0
Mean	28.00	65.00	35.00	30.00	20.00	30.00	208.00
Std. Deviation	0.47	0.00	0.00	0.00	0.00	0.00	0.47
Minimum	28	65	35	30	20	30	208
Maximum	28	65	35	30	20	30	208
Target Met	$\sqrt{}$	$\sqrt{}$	$\checkmark$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the dispositions is: SK= Subject Knowledge; TS= Teaching Skills; TI= Technology Integration; CP= Commitment to Profession; D= Diversity, and KS= Knowledge and Skills. The target mean for SK= 24; TS= 52; TI= 28; CP= 24; D= 16; KS= 24 and Full scale= 168.

# Completers from the Educational Leadership and Management Program ET-14 (Undergraduate)

The following data represents the results of four telephonic interviews to 2023 Education bachelor degree completers. Three completers are working (75%), of these three, 33% are currently working in a job not in line with their specialty, and 67% are working as teacher. One student is working in a public school and the other at a University. Both found work between 0 and 6 months after graduation. The survey asked completers about the different activities that they have taken part in their current job (see table 60).

Table 60 *Activities in which completers involved themselves in as teachers.* 

Activities with peers:	
Mentoring	1 (50.0%)
Clubs	1 (50.0%)
Association	2 (100.0%)
Work Committees	2 (100.0%)
Other	1 (50.0%)
Community Organizations and Community:	
Civic Committees	-
Fairs	-
Conferences	1 (50.0%)
Orientations/Workshops	1 (50.0%)
Organizations	-
Voluntary or Religious Organizations	-
Colleague activities:	
Mentoring	-
Workshops	1 (50.0%)
Curriculum Revision Committee	-
Accreditation Committees	-
Administrator activities:	
Work Committees	1 (50.0%)
Other	-
Parents:	
Orientations	1 (50.0%)
Workshops	1 (50.0%)
Parent committees	-
COMPU	-
Other	-

### **Teacher Candidate evaluation by students (I Practicante - 04)**

This section includes the results of a survey that compiled information on the satisfaction of the students the Fajardo TEP trainee teachers. The student's satisfaction is composed of 13 premises that evaluate 6 areas of professional competency. The TEP established a mean of 2.00 or more to determine success in the premise. The survey scale has three levels: Yes, No and Sometimes. The Survey had the purpose of identifying the satisfaction of the students with Fajardo TEP trainee teachers in the different professional competencies. The reliability for the full scale was 0.76, which is considered acceptable.

Table 61
Students satisfaction with the Fajardo TEP teacher candidate by professional competencies

	D	RSL	RL	MF	TI	IS	Full Scale
N	2	2	2	2	2	2	2
Missing	0	0	0	0	0	0	0
Mean	5.62	5.74	5.46	8.46	5.33	4.51	35.13
Std. Deviation	0.54	0.54	0.81	0.75	0.97	1.48	5.09
Minimum	4	4	3	6	2	2	21
Maximum	6	6	6	9	6	6	39
Target Met		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$

*Note.* The legend for the professional competencies is D = Diversity, RSL = Relevant and Significant Learning, RL = Reflective Learning, MF = Mistake Feedback, TI = Technology Integration and IS = Information Search. The target means for each professional competency is: D=5.00, RSL=5.00, RL=5.00, MF=8.00, TI=5.00 and IS=5.00. The target mean for the full scale is 32.00. The  $\sqrt{}$  means that the target score was met.

### I Practicante – 04 by student (table 62 and 63)

#### Shalayaah Cruz

Table 62
Students satisfaction with the Fajardo TEP teacher candidate by professional competencies

	D	RSL	RL	MF	TI	IS	Full Scale
N	2	2	2	2	2	2	2
Missing	0	0	0	0	0	0	0
Mean	5.52	5.72	5.36	8.44	5.08	5.16	35.28
Std. Deviation	0.57	0.53	0.93	0.80	1.09	1.16	5.09
Minimum	4	4	3	6	2	2	21
Maximum	6	6	6	9	6	6	39
Target Met	$\sqrt{}$						

*Note.* The legend for the professional competencies is D = Diversity, RSL = Relevant and Significant Learning, RL = Reflective Learning, MF = Mistake Feedback, TI = Technology Integration and IS = Information Search. The target means for each professional competency is: D=5.00, RSL=5.00, RL=5.00, MF=8.00, TI=5.00 and TI=5.00. The target mean for the full scale is 32.00. The  $\sqrt{means}$  that the target score was met.

#### Frances Tirado Matos

Table 63
Students satisfaction with the Fajardo TEP teacher candidate by professional competencies

	D	RSL	RL	MF	TI	IS	Full Scale
N	2	2	2	2	2	2	2
Missing	0	0	0	0	0	0	0
Mean	5.79	5.79	5.64	8.50	5.79	3.36	34.86
Std. Deviation	0.41	0.56	0.48	0.63	0.41	1.29	3.77
Minimum	5	4	5	7	5	2	28
Maximum	6	6	6	9	6	6	39
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\checkmark$

*Note.* The legend for the professional competencies is D = Diversity, RSL = Relevant and Significant Learning, RL = Reflective Learning, MF = Mistake Feedback, TI = Technology Integration and IS = Information Search. The target means for each professional competency is: D=5.00, RSL=5.00, RL=5.00, MF=8.00, TI=5.00 and TI=5.00. The target mean for the full scale is 32.00. The  $\sqrt{means}$  that the target score was met.

### **Teacher Candidate evaluation by students (I Practicante - 05)**

This section includes the results of a survey that compiled information on the satisfaction of the students the Fajardo TEP trainee teachers. The student's satisfaction is composed of 13 premises that evaluate 6 areas of professional competency. The TEP established a mean of 2.00 or more to determine success in the premise. The survey scale has three levels: Yes, No and Sometimes. The Survey had the purpose of identifying the satisfaction of the students with Fajardo TEP trainee teachers in the different professional competencies. The reliability for the full scale was 0.76, which is considered acceptable.

Table 64
Students satisfaction with the Fajardo TEP teacher candidate by professional competencies

	D	RSL	RL	MF	TI	IS	Full Scale
N	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0
Mean	9.29	8.86	8.93	13.79	8.86	9.21	58.93
Std. Deviation	0.89	1.03	1.21	1.10	1.03	1.10	6.35
Minimum	7	7	6	12	7	7	46
Maximum	10	10	10	15	10	10	65
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is D = Diversity, RSL = Relevant and Significant Learning, RL = Reflective Learning, MF = Mistake Feedback, TI = Technology Integration and IS = Information Search. The target means for each professional competency is: D=8.00, RSL=8.00, RL=8.00, MF=20.00, TI=8.00 and IS=8.00. The target mean for the full scale is 52.00. The  $\sqrt{}$  means that the target score was met.

#### I Practicante – 05 by student (table 65)

#### Kathia Frías

Table 65
Students satisfaction with the Fajardo TEP teacher candidate by professional competencies

	D	RSL	RL	MF	TI	IS	Full Scale
N	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0
Mean	9.29	8.86	8.93	13.79	8.86	9.21	58.93
Std. Deviation	0.89	1.03	1.21	1.10	1.03	1.10	6.35
Minimum	7	7	6	12	7	7	46
Maximum	10	10	10	15	10	10	65
Target Met	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

*Note.* The legend for the professional competencies is D = Diversity, RSL = Relevant and Significant Learning, RL = Reflective Learning, MF = Mistake Feedback, TI = Technology Integration and IS = Information Search. The target means for each professional competency is: D=8.00, RSL=8.00, RL=8.00, MF=20.00, TI=8.00 and TI=8.00. The target mean for the full scale is 52.00. The  $\sqrt{means}$  that the target score was met.

### **Teacher Candidate evaluation by students (I Practicante - 06)**

This section includes the results of a survey that compiled information on the satisfaction of the students the Fajardo TEP trainee teachers. The student's satisfaction is composed of 13 premises that evaluate 6 areas of professional competency. The TEP established a mean of 2.00 or more to determine success in the premise. The survey scale has three levels: Yes, No and Sometimes. The Survey had the purpose of identifying the satisfaction of the students with Fajardo TEP trainee teachers in the different professional competencies. The reliability for the full scale was 0.76, which is considered acceptable.

Table 66
Students satisfaction with the Fajardo TEP teacher candidate by professional competencies

	D	RSL	RL	MF	TI	IS	Full Scale
N	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0
Mean	19.80	15.16	12.48	18.96	21.72	11.96	100.08
Std. Deviation	3.42	2.62	1.60	2.71	3.11	2.18	15.63
Minimum	9	10	9	15	15	9	67
Maximum	25	20	15	25	25	15	125
Target Met	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$		$\sqrt{}$

Note. The legend for the professional competencies is D = Diversity, RSL = Relevant and Significant Learning, RL = Reflective Learning, MF = Mistake Feedback, TI = Technology Integration and IS = Information Search. The target means for each professional competency is: D=20.00, RSL=16.00, RL=12.00, MF=20.00, TI=20.00 and IS=12.00. The target mean for the full scale is 100.00. The  $\sqrt{}$  means that the target score was met.

## I Practicante – 06 by student (table 67)

#### Carlos D. Rodríguez

Table 67
Students satisfaction with the Fajardo TEP teacher candidate by professional competencies

	D	RSL	RL	MF	TI	IS	Full Scale
N	1	1	1	1	1	1	1
Missing	0	0	0	0	0	0	0
Mean	19.80	15.16	12.48	18.96	21.72	11.96	100.08
Std. Deviation	3.42	2.62	1.60	2.71	3.11	2.18	15.63
Minimum	9	10	9	15	15	9	67
Maximum	25	20	15	25	25	15	125
Target Met	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$		$\sqrt{}$

Note. The legend for the professional competencies is D = Diversity, RSL = Relevant and Significant Learning, RL = Reflective Learning, MF = Mistake Feedback, TI = Technology Integration and IS = Information Search. The target means for each professional competency is: D=20.00, RSL=16.00, RL=12.00, MF=20.00, TI=20.00 and IS=12.00. The target mean for the full scale is 100.00. The  $\sqrt{}$  means that the target score was met.