10.1037/t09134-000

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Fichten, C.S., Asuncion, J.V., Nguyen, M.N., Budd, J., & Amsel, R. (2010). The POSITIVES Scale – English version. *PsycTESTS*. Retrieved from http://dx.doi.org/10.1037/t09134-000 and from http://psycnet.apa.org.proxy3.library.mcgill.ca/tests/9999-09134-000.pdf and from http://psycnet.apa.org.proxy3.library.mcgill.ca/index.cfm? fa=search.displayTestOverview&id=&resultID=&page=1&dbTab=&uid=9999-09134-000&isMyList=0&doi=false

The Positives Scale--English Version, 2010

- Authors: Fichten, Catherine; Asuncion, Jennison V.; Nguyen, Mai N.; Budd, Jillian; Amsel, Rhonda
- doi:10.1037/t09134-000
- · Construct:Information and Communication Technology Needs
- Instrument Type:Rating Scale
- Purpose: The POSITIVES Scale was designed to assess how well the information and communication technology (ICT) needs for students with disabilities being met on and off campus.
- · Administration Method: Paper
- Summary: The POSITIVES Scale (Postsecondary Information Technology Initiative Scale; Fichten et al., 2010) assessed how well the information and communication technology (ICT) needs for students with disabilities being met on and off campus. The 26 items were adapted from a questionnaire used to evaluate the accessibility of adaptive computer technologies used by junior/community college students (Fichten et al., 2007) and for disability service providers (Fossey et al., 2005). A principal components analysis with varimax rotation revealed three factors: ICTs at School Meet Student's Needs (12 items), ICTs at Home Meet Student's Needs (5 items), and E-learning ICTs Meet Student's Needs (9 items). Respondents were asked to indicate their level of agreement to statements (e.g. "My school has enough computers with internet access to meet my needs," "My school's loan program for computer technologies meets my needs," and "My school's web pages are accessible to me") using a 6-point Likert scale (1 = strongly disagree, 6 = strongly agree). Using university students with disabilities for the sample, the Cronbach's alpha for the three Subscales ranges from .786 to .910 and that it is .936 for the Total score. Convergent, discriminant, concurrent, and criterion-related validity was demonstrated. The online questionnaire took approximately 10 minutes to complete. (PsycTESTS Database Record (c) 2014 APA, all rights reserved)

Test Development Record

Unique Identifier

9999-09134-001

Reported in

Fichten, Catherine S.; Asuncion, Jennison V.; Nguyen, Mai N.; Budd, Jillian; Amsel, Rhonda. The POSITIVES Scale: Development and validation of a measure of how well the information and communication technology needs of students with disabilities are being met. Journal of Postsecondary Education and Disability, Vol 23(2), Sept 2010, 18.

Test Location

Table 4, Page 144

Construct

Information and Communication Technology Needs

Purpose

The POSITIVES Scale was designed to assess how well the information and communication technology (ICT) needs for students with disabilities being met on and off campus.

Alternate Test Name(s)

Postsecondary Information Technology Initiative Scale

Language

English

Author

Fichten, Catherine S.; Asuncion, Jennison V.; Nguyen, Mai N.; Budd, Jillian; Amsel, Rhonda

Affiliation

Fichten, Catherine Adaptech Research Network, Montréal, Quebec, Canada Asuncion, Jennison V. Adaptech Research Network, Montréal, Quebec, Canada Nguyen, Mai N. Adaptech Research Network, Montréal, Quebec, Canada Budd, Jillian Adaptech Research Network, Montréal, Quebec, Canada

Amsel, Rhonda McGill University, Montréal, Quebec, Canada

Format

Responses for the 26 items ranged from 1 = Strongly Disagree, 2 = Moderately Disagree, 3 = Slightly Disagree, 4 = Slightly Agree, 5 = Moderately Agree, 6 = Strongly Agree on 6-point Likert scale.

Number of items

The Positives Scale--English Version contains 26 items.

Administration Method

Paper; Electronic;

Administration Time

The online questionnaire took approximately 10 minutes to complete.

Permissions

May use for Research/Teaching

Fee

No

Commercial

No

Reliability

Internal Consistency: The Cronbach's alpha coefficients for the ICTs at school meet student's needs, ICTs at home meet student's needs, and e-Learning ICTs meet student's needs were .910, .786, and .814, respectively. The alpha coefficient for the overall scale was .936.

Validity

Convergent Validity: Moderate correlations among the three subscales and strong relationships between subscale and total scores. Discriminant Validity: No significant differences between female and male participants' POSITIVES Scale subscale and total scores. Concurrent Validity: Scores on Subscales 1 and 2 would be most closely related to scores on the criterion items. Criterion Validity: The POSITIVES Scale subscale and total scores were able to differentiate between students with psychological/psychiatric disabilities and students with multiple disabilities.

Factor Analysis

A principal components analysis with varimax rotation revealed three factors: ICTs at School Meet Student's Needs, ICTs at Home Meet Student's Needs, and E-learning ICTs Meet Student's Needs.

Population

Human; Male; Female

Population Details

Location: Canada

Sample: University and Junior/Community College Students

Age Group

Adulthood (18 yrs & older); Young Adulthood (18-29 yrs); Thirties (30-39 yrs); Middle Age (40-64 yrs)

Setting

University

Keywords

Concurrent Validity; Convergent Validity; Criterion Validity; Disabilities; Discriminant Validity; E-Learning ICTs Meet Student's Needs Subscale; Factor Analysis; ICTs at Home Meet Student's Needs Subscale; ICTs at School Meet Student's Needs Subscale; Information and Communication Technology Needs; Internal Consistency; Test Development; The Positives Scale-English Version; Postsecondary Information Technology Initiatives Scale

Index Terms

Communication; Disabilities; Distance Education; Factor Analysis; Home Environment; Information Technology; Likert Scales; Measurement; Rating Scales; School Environment; Special Needs; Test Construction; Test Reliability; Test Validity

PsycTESTS Classification

6400 Human-Computer Interaction

Release Date

20141208

Links

- 1. Test
 - PDF
- 2. Supporting Documentation
- 3. Source Document

PsycINFO Record

Index Terms

- 1. Communication
- 2. <u>Disabilities</u>
- 3. Distance Education
- 4. Factor Analysis
- 5. Home Environment
- 6. Information Technology
- 7. Likert Scales
- 8. Measurement
- 9. Rating Scales
- 10. School Environment
- 11. Special Needs

- Test Construction
 Test Reliability
 Test Validity

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The Positives Scale--English Version

Version Attached: Full Test

PsycTESTS Citation:

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Instrument Type: Rating Scale

Test Format:

Responses for the 26 items ranged from 1 = Strongly Disagree, 2 = Moderately Disagree, 3 = Slightly Disagree, 4 = Slightly Agree, 5 = Moderately Agree, 6 = Strongly Agree on 6-point Likert scale.

Source:

Supplied by author.

Original Publication:

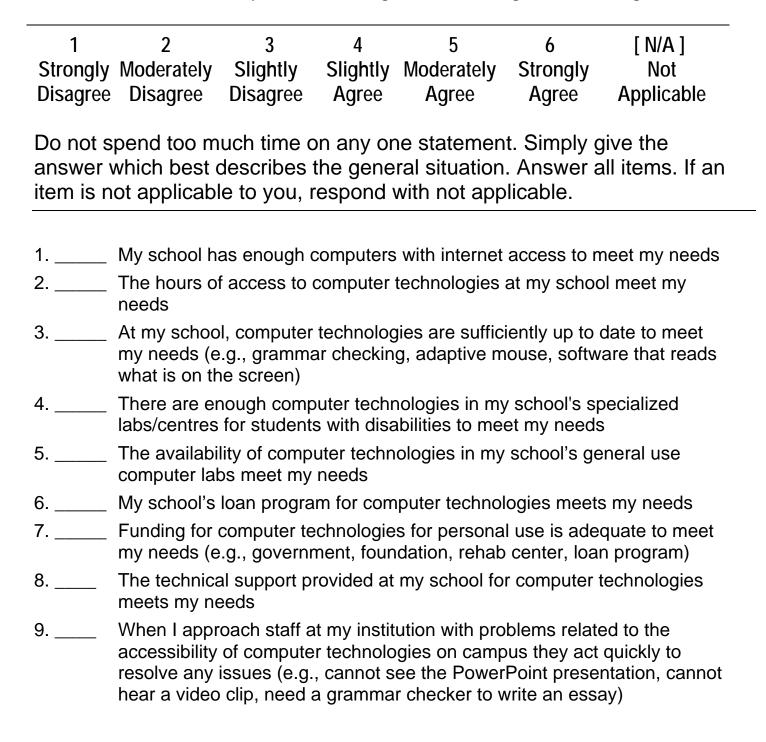
Fichten, Catherine S., Asuncion, Jennison V., Nguyen, Mai N., Budd, Jillian, & Amsel, Rhonda. (2010). The POSITIVES Scale: Development and validation of a measure of how well the information and communication technology needs of students with disabilities are being met. Journal of Postsecondary Education and Disability, Vol 23(2), 18.

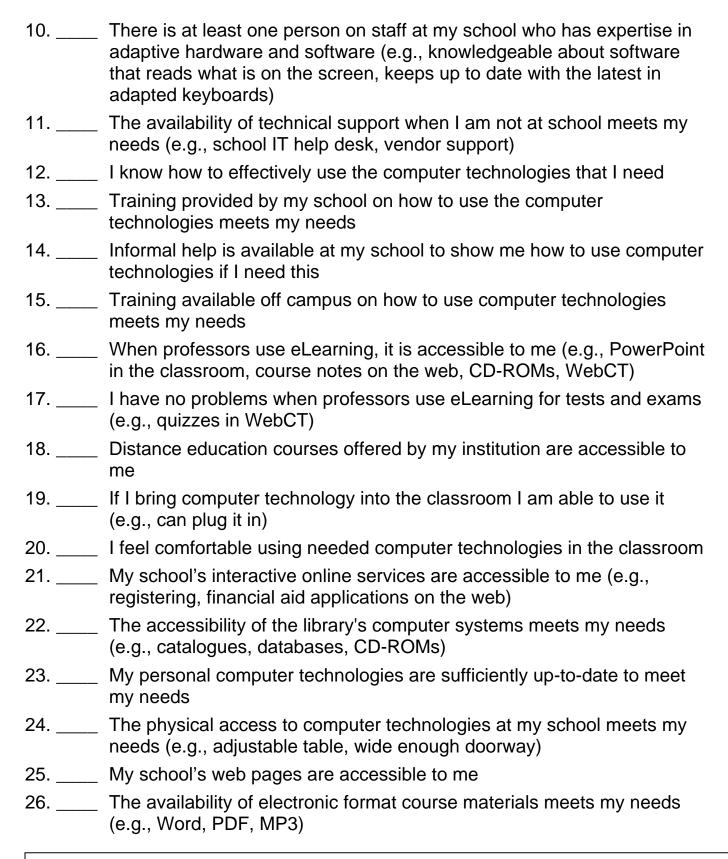
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Positives Scale (Postsecondary Information Technology Initiative Scale) Print Version

For all statements, rate your level of agreement using the following scale.





Citation. Fichten, C.S., Asuncion, J.V., Nguyen, M.N., Budd, J., & Amsel, R. (2009). POSITIVES Scale (Postsecondary Information Technology Initiative Scale) Print Version. Montreal: Adaptech Research Network http://www.adaptech.org