

**Winter 2019 General Education Assessment: Traditional vs. Online vs. Direct College Learning Outcomes**

<b>Method of Instruction</b>	<b>Write Effectively: *Outcome 1 and 2</b>	<b>Understand the processes that influence human values, thoughts, social systems and behavior: *Outcome 1 and 2</b>
<b>Traditional</b>		
Section N	7	8
Mean Score	3.19	3.32
Std. Deviation	0.37	0.63
<b>Online</b>		
Section N	3	0
Mean Score	2.98	N/A***
Std. Deviation	0.18	N/A
<b>Direct College</b>		
Section N	0	4
Mean Score	N/A	3.33
Std. Deviation	N/A	0.24
<b>Total</b>		
Section N	10	12
Mean Score	3.13	3.32
Std. Deviation	0.33	0.52

\*Write Effectively, Outcome 1: Write clear and concise sentences using Standard American English with appropriate syntax and mechanics.

\*Write Effectively, Outcome 2: Write paragraphs that demonstrate unity and coherence with appropriate details and examples that support the topic and thesis.

\*\* Understand the processes that influence human values, thoughts, social systems and behavior, Outcome 1: Recognize the processes by which individuals acquire social knowledge, attitudes and beliefs.

\*\* Understand the processes that influence human values, thoughts, social systems and behavior, Outcome 1: Recognize major influences on social behavior and social systems.

\*\*\*N/A Indicates value are not available because no courses were randomly selected for the method of instruction.

Comparison of traditional versus online average scores for learning outcomes 1 and 2 under the Write Effectively competency reveal comparable student achievement. Data from direct college students was not available because direct college courses were not randomly selected for assessment of this competency. There is no statistically significant difference in student achievement between these methods of instruction ( $p= 0.37$ ,  $\alpha= 0.05$ ).

Comparison of traditional versus direct college scores for learning outcomes 1 and 2 under the Understand the Processes that Influence Human Values, Thoughts, Social Systems and Behavior competency reveal comparable student achievement. Data from online students was not available because online courses were not randomly selected for assessment of this competency. There is a statistically significant difference in student achievement between these methods of instruction ( $p=0.015$ ,  $\alpha=0.05$ ). This significance is unreliable due to low sample size and based on almost equivalent mean scores between the two methods of instruction.