NSSE 2023
Engagement Indicators
University of Central Missouri

Academic Challenge: First-year students

&KDOOHQJLQJ LQWHOOHFWXDO DQG FUHDWLYH ZRUN LV FHQWUDO WR
VWXGHQW OHDUQLQJ E\ FKDOOHQJLQJ DQG VXSSRUWLQJ WKHP WR HQ
SDUW RI WKLJK HUHG /HDUQLQJ 5HIOHFWLYH ,QWHJUDWLYH
%HORZ DQG RQ WKI'Ä&RQLQ ìBe RGLQWHH™`p Q RIG LR Q

Mean Comparisons

Engagement Indicator

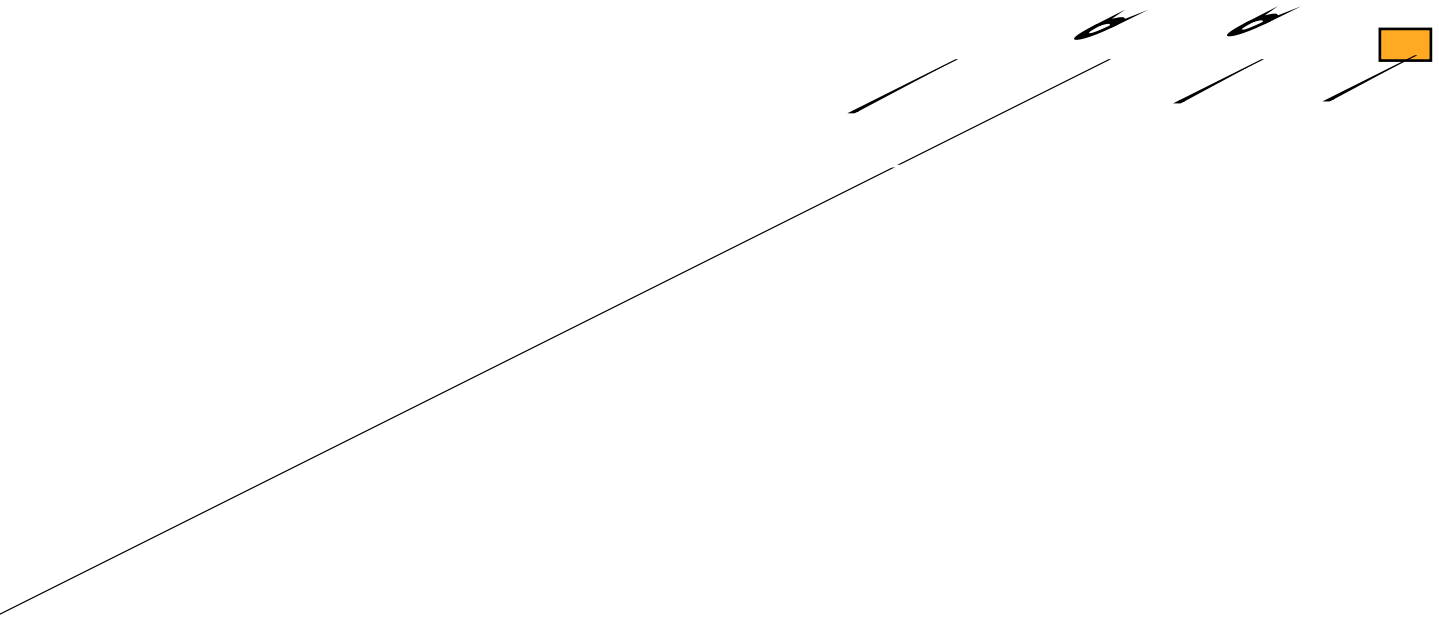
Higher-Order Learning

Reflective & Integrative Learning

Learning Strategies

Quantitative Reasoning

Score Distributions



Academic Challenge: Seniors

Mean Comparisons

Engagement Indicator		Mean		Effect size	Mean	Effect size	Mean	
Higher-Order Learning		39.2	**	.20	40.7	.08	39.8	* .15
Reflective & Integrative Learning		37.4	***	.25		**		*
Learning Strategies			*					
Quantitative Reasoning	32.1	30.3		.12	30.9	.07	29.8	*

1RWHV 5HVXOWV ZHLJKWHG E\ LQVWLWXWLRQ UHSRUWHG VH[DQG HQUROOPHQW VWDWXV DQG GHYLDWLRQ 6\PEROV RQ WKH 2YHUYLHZ SDJH DUH EDVHG RQ HIIHFW VL]H DQG S EHIRUH URXQG

Score Distributions

Higher-Order Learning

Reflective & Integrative Learning

Learning Strategies

Quantitative Reasoning

1RWHV (DFK ER[DQG ZKLVNHUV FKDUW SORWV WKH WK ERWWRP RI ORZHU EDU WK ERWWRP
7KH GRW UHSUHVHQWV WKH PHDQ VFRUH 5HIHU WR 'HWDLOHG 6WDWLVWLFV IRU \RXU LQVWLWXW

NSSE 2023 Engagement Indicators

Academic Challenge

University of Central Missouri

Academic Challenge: Seniors (continued)

Performance on Indicator Items

Experiences with Faculty: First-year students

Mean Comparisons

Engagement Indicator

Student-Faculty Interaction

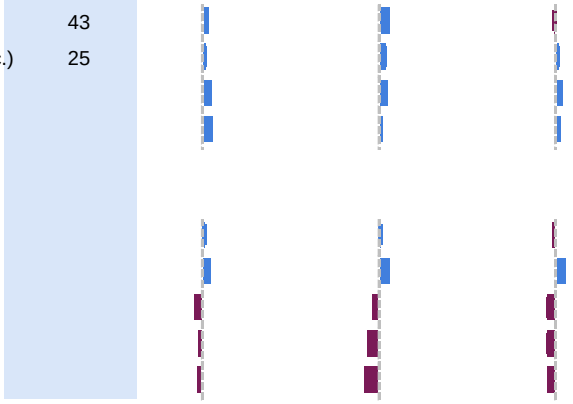
Effective Teaching Practices

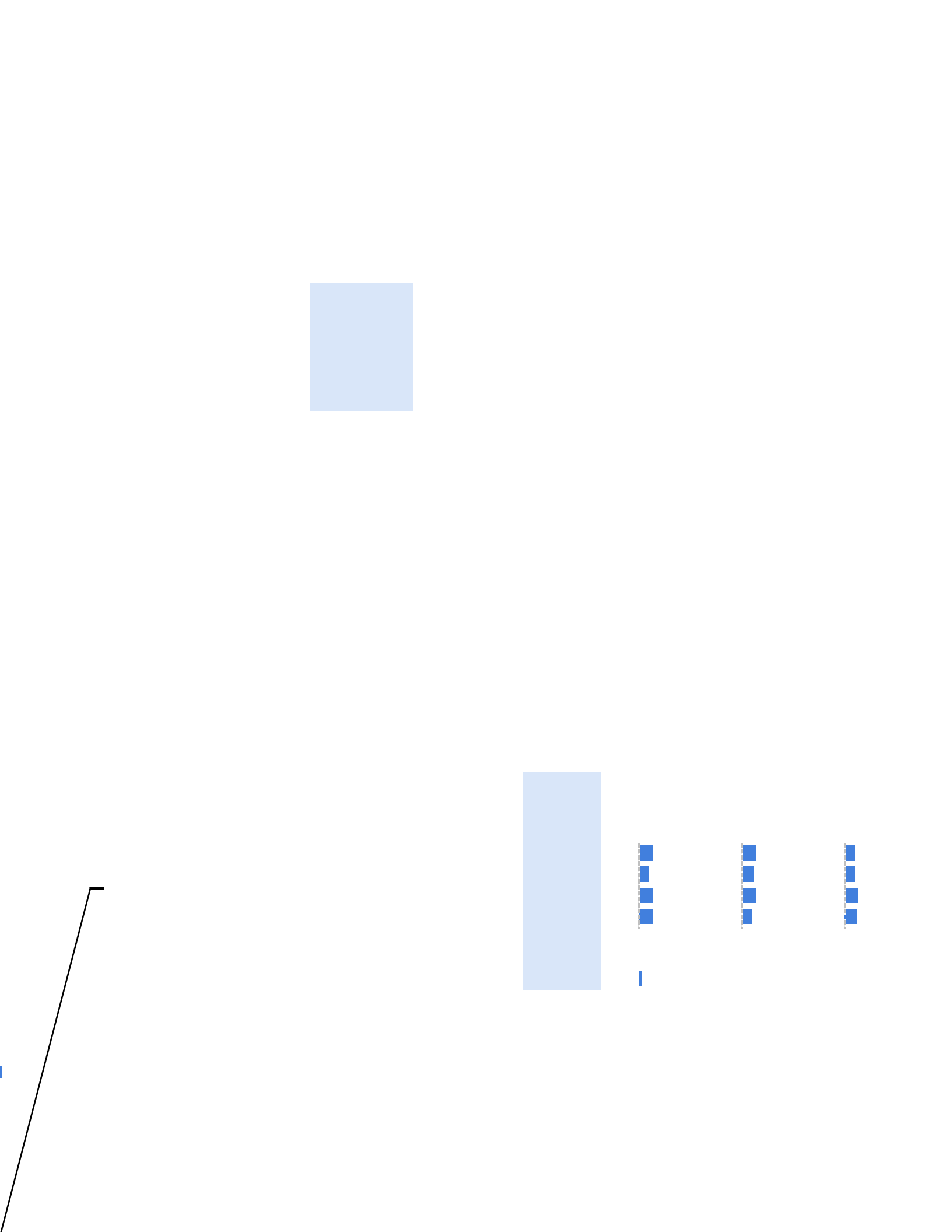
Score Distributions

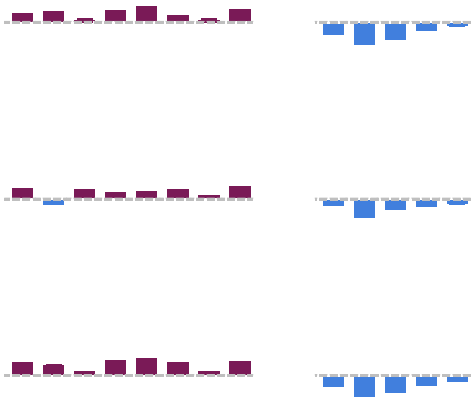
Performanceon Indicator Items

Student-Faculty Interaction

	%
3a. Talked about career plans with a faculty member	43
3b. Worked w/faculty on activities other than coursewo(committees, student groups, etc.)	25
3c. Discussed course topics, ideas, or concepts wiw>(c)-5 (o)20(e)5.992 ( )4.E9tems	







7KLV SDJH LQWHQWLRQDOO\ OHIW EODQN

Comparisons with Top 50% and Top 10% Institutions

First-Year Students

		6		6
Higher-Order Learning	**		***	
Reflective and Integrative Learning	*		***	
Learning Strategies			***	

NSSE 2023 Engagement Indicators

Detailed Statistics[a]

University of Central Missouri

Detailed Statistics: First-Year Students

	Mean statistics			Percentile[d] scores					Comparison results			
	Mean	SD[b]	SE[c]	5th	25th	50th	75th	95th	Deg. of freedom[e]	Mean diff.	Sig.[f]	Effect size[g]
Academic Challenge												
Higher-Order Learning												
&HQWUDO 7LVVRXUL												
3ODLQV 3XEOLF												
&DUQHJLH &ODVV												
6PDOO 3HHU												
7RS												
7RS												
Reflective & Integrative Learning												
&HQWUDO 7LVVRXUL												
3ODLQV 3XEOLF												
&DUQHJLH &ODVV												
6PDOO 3HHU												
7RS												
7RS												
Learning Strategies												
&HQWUDO 7LVVRXUL												
3ODLQV 3XEOLF												
&DUQHJLH &ODVV												
6PDOO 3HHU												
7RS												
7RS												
Quantitative Reasoning												
&HQWUDO 7LVVRXUL												
3ODLQV 3XEOLF												
&DUQHJLH &ODVV												
6PDOO 3HHU												
7RS												
7RS												
Learning with Peers												
Collaborative Learning												
&HQWUDO 7LVVRXUL												
3ODLQV 3XEOLF												
&DUQHJLH &ODVV												
6PDOO 3HHU												
7RS												
7RS												
Discussions with Diverse Others												
&HQWUDO 7LVVRXUL												
3ODLQV 3XEOLF												
&DUQHJLH &ODVV												
6PDOO 3HHU												
7RS												
7RS												

Detailed Statistics: Seniors

NSSE 2023 Engagement Indicators

Detailed Statistics[a]

University of Central Missouri

Detailed Statistics: Seniors

	Mean statistics			Percentile[d] scores					Comparison results			
	Mean	SD[b]	SE[c]	5th	25th	50th	75th	95th	Deg. of freedom[e]	Mean diff.	Sig.[f]	Effect size[g]