

QUANTITATIVE REASONING 2019 -- PILOT YEAR 1

no rogue raters, all 80 artifacts double scored, both scores counted; n = 160

		ProbQuest	Info Needed	Represent	Interpret	Conclus	Comm & Env
Meeting Benchmark	#2+	119	148	139	127	126	101
	%2+	74%	93%	87%	79%	79%	63%
Exceeding Benchmark	#3+	58	75	80	75	67	34
	%3=	36%	47%	50%	47%	42%	21%
Score Distribution	4	6	7	4	10	6	7
	3	52	68	76	65	61	27
	2	61	73	59	52	59	67
	1	32	8	5	27	29	52
	0	9	4	16	6	5	7
IRR , Weighted Gwet	Coefficient	0.32	0.60	0.43	0.36	0.31	0.42
	L-K Interpretation	fair	moderate	fair	fair	slight	fair

Averages

Yes, I know, this risks averaging away meaning, but can suggest where to look deeper

By Course	n scores =	AVE/24	#crns	By Dimension:					
				ProbQuest	Info Needed	Represent	Interpret	Conclus	Comm & Env
A	14	12.7	2	2.6	2.4	2.4	2.1	2.1	1.0
B	10	8.3	1	1.5	1.6	0.0	1.7	2.0	1.5
C	26	15.9	2	2.4	1.0	2.7	2.9	2.7	2.2
D	8	16.0	1	2.8	3.0	3.1	2.6	2.6	1.9
E	68	12.8	9	1.9	2.4	2.3	2.2	2.1	2.0
F	20	12.5	2	2.2	2.2	2.5	2.0	1.7	1.9
G	8	13.1	1	1.9	2.3	2.5	2.5	2.4	1.6
H	6	12.2	1	1.8	2.3	2.3	1.8	2.3	1.5

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Disaggregate by Student Demographic information


Non-reported/Groups omitted from demographic analysis

		% scores 2+ (meeting benchmark)					
	<i>n scores=</i>	ProbQuest	Info Needed	Represent	Interpret	Conclus	Comm & Env
By Race/Ethnicity							
Asian	16	75%	88%	75%	75%	69%	63%
Caucasian	84	81%	93%	86%	80%	81%	69%
Under-represented**	38	61%	89%	89%	79%	71%	55%
By Gender							
Female	64	75%	94%	88%	81%	83%	75%
Male	74	72%	91%	86%	78%	73%	62%
RE/Gender							
Cauc Females	38	84%	95%	87%	76%	84%	76%
Cauc Males	42	79%	90%	83%	81%	76%	69%
Under-rep Female	16	69%	94%	88%	88%	75%	63%
Under-rep Male	22	55%	86%	91%	73%	68%	50%
By Age							
Trad 18-24	90	68%	94%	87%	84%	82%	66%
Non-trad >24	54	83%	87%	85%	70%	70%	65%
By Award Indicator							
Transfer	72	75%	93%	93%	81%	81%	74%
General Studies	28	64%	96%	86%	86%	79%	54%
CTE	42	79%	88%	93%	74%	74%	62%
By Credits *							
0- 30 credits	64	75%	88%	89%	77%	77%	66%
31-67 credits	62	71%	97%	81%	81%	84%	63%
68-90+ credits	18	78%	89%	94%	72%	61%	72%

* College level cr earned at PCC includes MTH 95

** Underepresented = African American, Hispanic, Native American/Alaskan, Multi race

 20 %pt difference

 12-19 %pt differenece