

Paper Reading

Writing

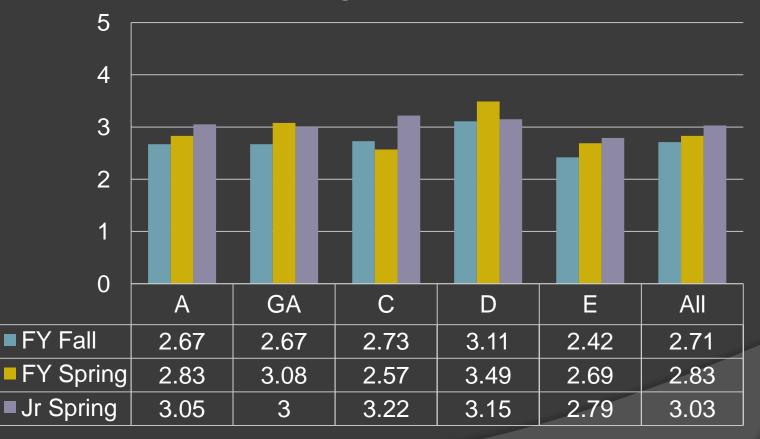
- 870 Papers Read
- .938 Reliability
- Average Score = 2.85
- SD = 0.73

Critical Thinking

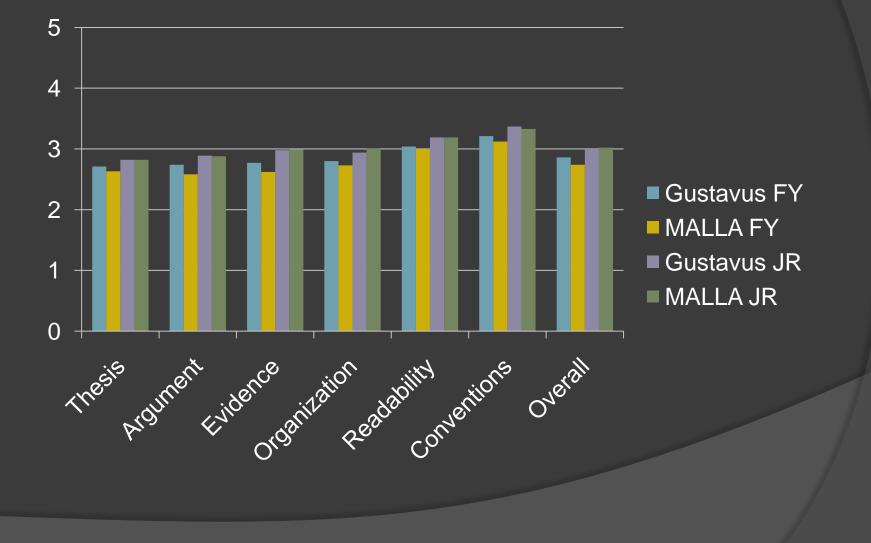
- 643 Papers Read
- .967 Reliability
- Average Score = 3.42
- SD = 1.16

Writing

Average Scores



Writing Rubric Scores Round 1



First-Year Students Fall to First-Year Students Spring

School	FY Fall Paper Average	FY Spring Paper Average	Fall/Spring Difference	Pooled Standard Deviation	Effect Size	Percentile Change
Α	2.67	2.83	0.16	0.65	0.25	10%
Gustavus	2.67	3.08	0.41	0.56	0.73	27%
С	2.73	2.57	-0.16	0.62	-0.26	-10%
D	3.11	3.49	0.38	0.66	0.56	22%
Е	2.43	2.69	0.26	0.59	0.46	17%
F	2.58	2.95	0.37	0.69	0.54	20%
All	2.69	2.85	0.24	0.63	0.38	14.5%

First-Year Students Fall to Junior Student Scores

School	FY Paper Average	JR Paper Average	JR/FY Difference	Pooled StDev	Effect Size	Percentile Change
Α	2.67	3.05	0.38	0.68	0.56	21%
Gustavus	2.67	3.03	0.36	0.70	0.51	20%
С	2.73	3.22	0.49	0.69	0.69	25%
D	3.11	3.15	0.04	0.67	0.06	2%
Е	2.43	2.79	0.36	0.69	0.52	20%
F	2.58	3.10	0.52	0.75	0.69	25%
ALL	2.70	3.05	0.36	0.70	0.51	19%

Percentile Change Comparison

School	Percentile Change First Year Fall to Spring	Percentile Change First Year Fall to Junior Year	Percentile Change First to Junior Year	
Α	10%	21%	11%	
Gustavus	27%	20%	-7%	
С	-10%	25%	35%	
D	22%	2%	-20%	
Е	18%	20%	2%	
F	20%	25%	5%	
ALL	14.5%	19%	4.5%	

Writing Factors

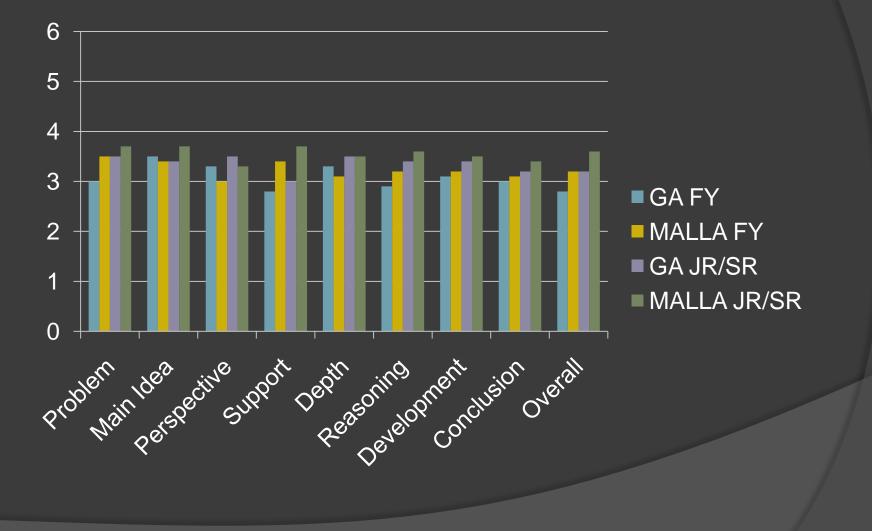
FY–Fall = 2.67		FY–Spring = 3.08		JR- Spring = 3.03	
Argument	0.821	Argument	0.805	Argument	0.846
Organization	0.074	Readability	0.067	Readability	0.082
Evidence	0.026	Main Idea/Thesis	0.034	Main Ideas/Thesis	0.021
Readability	0.014	Evidence	0.011	Conventions	0.004
Main Ideas/Thesis	0.006				
Conventions	0.006				

Critical Thinking Papers

Average Scores



Critical Thinking Rubric Scores Round 1



Change in Critical-Thinking Rating First Year to Junior/Senior Year

School	Holistic First Year to JR/SR	Effect Size	Percentile Gain/Loss	ACT-Adjusted Percentile Gain/Loss
Α	0.71	0.57	22%	20%
Gustavus	0.51	0.45	17%	11%
С	-0.56	-0.48	-19%	-21%
D	0.37	0.36	14%	9%
Е	0.86	0.79	29%	22%
F	0.70	0.62	23%	22%
ALL	0.44	0.38	15%	11%

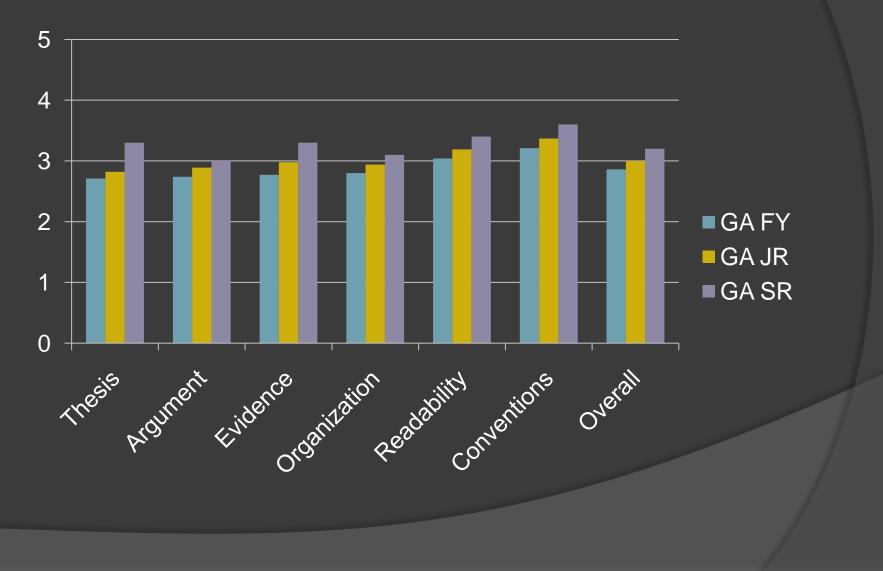
Critical Thinking Factors

FY 2006 =	3.026	JRs+Srs = 3.465			
Depth	0.875	Development	0.901		
Conclusion	0.048	Conclusion	0.029		
Main Idea	0.010	Reasoning	0.014		
Reasoning 0.009		Evidence	0.006		
		Problem	0.005		

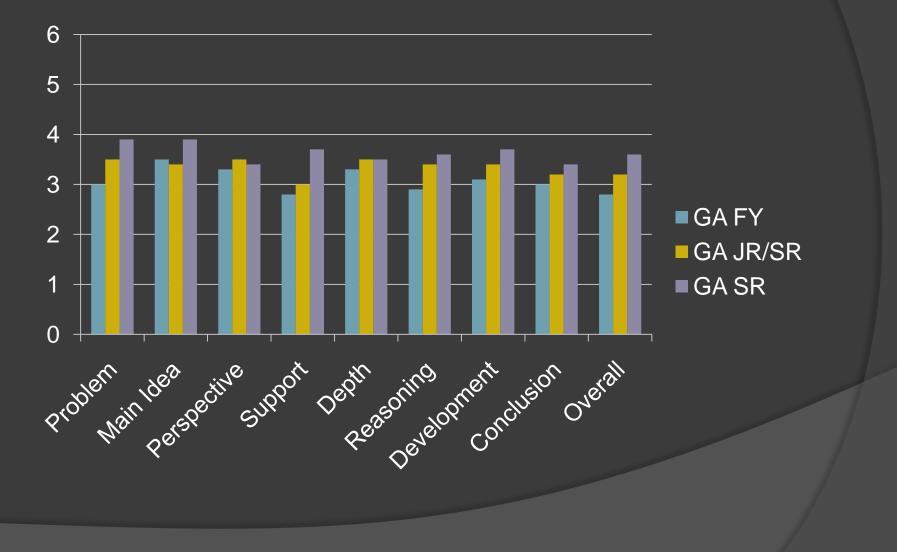
Writing & Critical Thinking Review

School	Writing FY to JR Difference	Critical Thinking FY to JR/SR Difference
А	21%	20%
Gustavus	20%	11%
С	25%	-21%
D	2%	9%
E	20%	22%
F	25%	22%
ALL	19%	11%

Writing Rubric Scores Round 2



Critical Thinking Rubric Scores Round 2



Other Factors

- Assignment "Fit" with rubric
- Assignment Weight (% of grade)
- Major
- Paper Written for Major

Peer Reviewed

Average Scores





	FY 06		SR 06		SR 09	
	Gustavus	Teagle	Gustavus	Teagle	Gustavus	Teagle
Performance Task	At	Above	At	At	At	At
Analytical Writing Task	At	At	At	At	Above	At
Make-an- argument	At	At	At	At	Above	Above
Critique-an- argument	Above	At	Below	Above	At	At
Total Score	At	Above	At	At	Above	At