

Ethical Reasoning 2019-2020

Courses or course sequences addressing Ethical Reasoning (ER) must meet a majority of the student learning outcomes (SLOs). During the Fall 2019 semester,¹ Virginia Tech offered 114 Pathways courses that included the Integrative Concept of ER.

	Overall
Pathways Sections Offering ER	390
Pathways Sections Reporting ER Data ²	246 (63%)
Pathways Sections Included in Analyses ³	220 (56%)
Enrollment in Sections Offering ER*	23,926
Enrollment in Sections Included in Analyses*	16,778 (70%)

* Values include students who may be enrolled and/or assessed in multiple Pathways courses.

Table 1: Competency Levels per SLO for ER

	Sections Included in Analyses*	Students Included in Analyses	Percentage of Students		
			Below Competent	Competent	Above Competent
SLO 1: Explain and contrast relevant ethical theories.	46	1,609	16% (n=259)	36% (n=584)	48% (n=766)
SLO 2: Identify ethical issues in a complex context.	202	8,118	14% (n=1,161)	40% (n=3,248)	46% (n=3,709)
SLO 3: Articulate and defend positions on ethical issues in a way that is both reasoned and informed by the complexities of those situations.	169	5,841	17% (n=974)	40% (n=2,312)	44% (n=2,555)

* Includes sections required to report data for a specific outcome and additional sections reporting data.

¹ Pathways assessment data collection was suspended for Spring 2020 due to the COVID-19 pandemic. Consequently, only data from the Fall 2019 semester are included in this report.

² Eight sections (3%) were missing data for one or more required SLOs; 238 (97%) sections provided complete data.

³ Data from 216 sections (88%) were fully included; 4 sections (2%) were partially included; 26 (11%) sections were excluded.

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SLO 1: Explain and contrast relevant ethical theories.

	Sections Required to Report Data for SLO 1	Additional ER Sections Reporting Data for SLO 1	Total Sections Included in Analyses of SLO 1
Pathways Sections Offering SLO 1	99	4	103
Pathways Sections Reporting Data	46 (46%)	4 (100%)	50 (49%)
Pathways Sections Included in Analyses	42* (42%)	4 (100%)	46 (45%)
Enrollment in Sections Offering ER 1**	4,420	205	4,625
Students Included in Analyses**	1,413 (32%)	196 (96%)	1,609 (35%)

* Data from 4 sections were excluded.

** Values include students who may be enrolled and/or assessed in multiple Pathways courses.

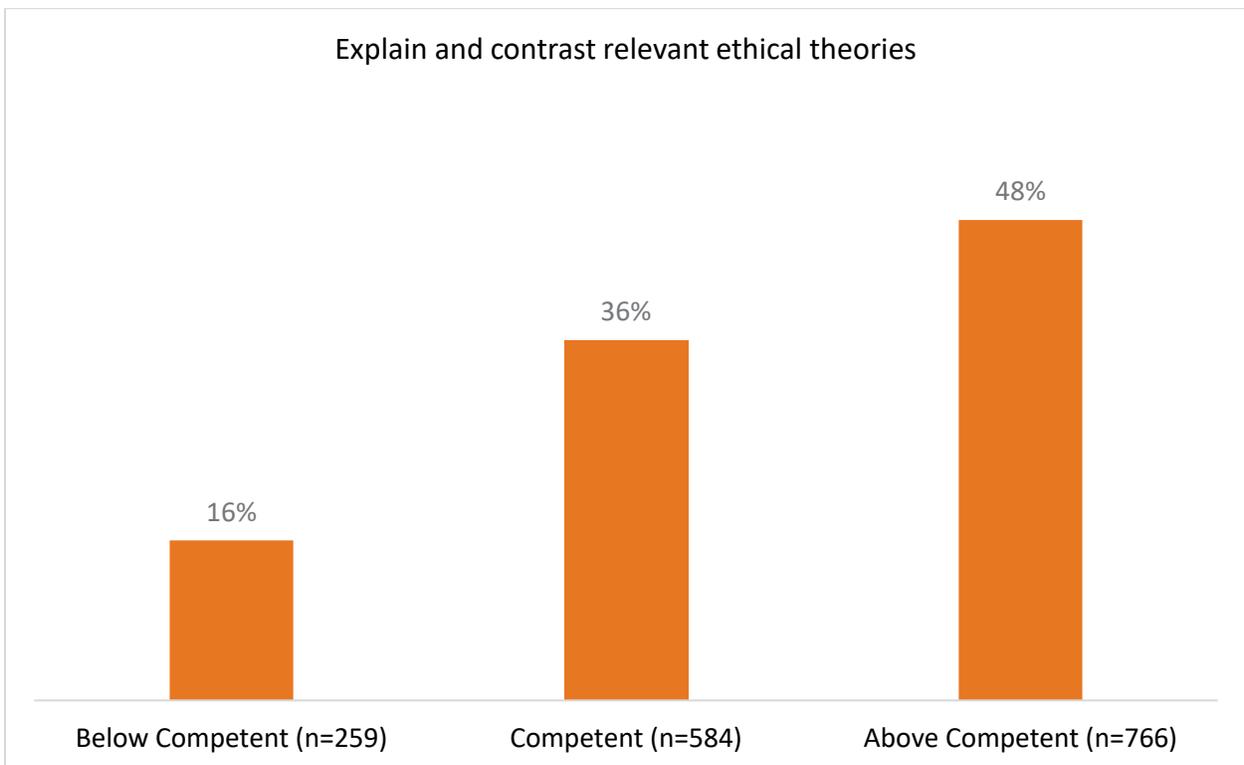


Figure 1. (n=1,609)

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SLO 2: Identify ethical issues in a complex context.

	Sections Required to Report Data for SLO 2	Additional ER Sections Reporting Data for SLO 2	Total Sections Included in Analyses of SLO 2
Pathways Sections Offering SLO 2	351	7	358
Pathways Sections Reporting Data	221 (63%)	7 (100%)	228 (64%)
Pathways Sections Included in Analyses	195* (56%)	7 (100%)	202 (56%)
Enrollment in Sections Offering ER 2**	22,611	287	22,898
Students Included in Analyses**	7,847 (35%)	271 (94%)	8,118 (35%)

* Data from 26 sections were excluded.

** Values include students who may be enrolled and/or assessed in multiple Pathways courses.

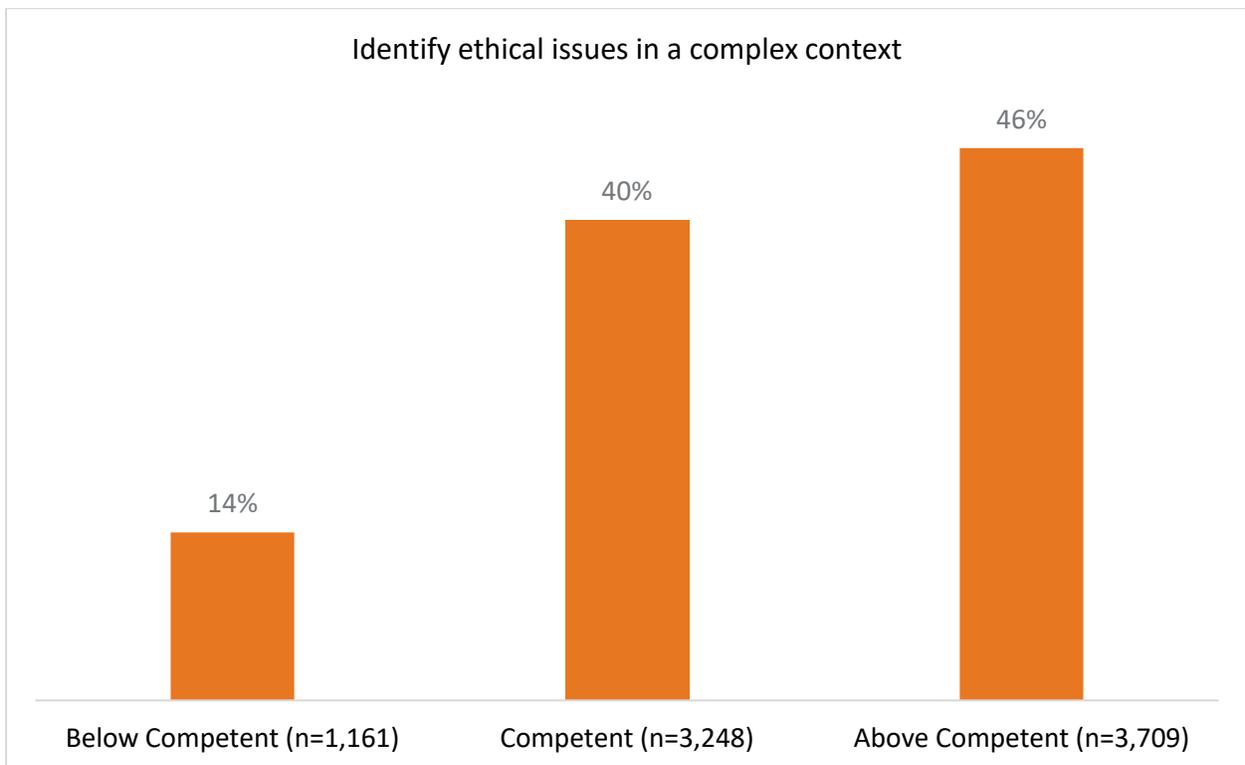


Figure 2. (n=8,118)

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SLO 3: Articulate and defend positions on ethical issues in a way that is both reasoned and informed by the complexities of those situations.

	Sections Required to Report Data for SLO 3	Additional ER Sections Reporting Data for SLO 3	Total Sections Included in Analyses of SLO 3
Pathways Sections Offering SLO 3	304	N/A	304
Pathways Sections Reporting Data	194 (64%)	N/A	194 (64%)
Pathways Sections Included in Analyses	169* (56%)	N/A	169 (56%)
Enrollment in Sections Offering ER 3**	19,006	N/A	19,006
Students Included in Analyses**	5,841 (31%)	N/A	5,841 (31%)

* Data from 25 sections were excluded.

** Values include students who may be enrolled and/or assessed in multiple Pathways courses.

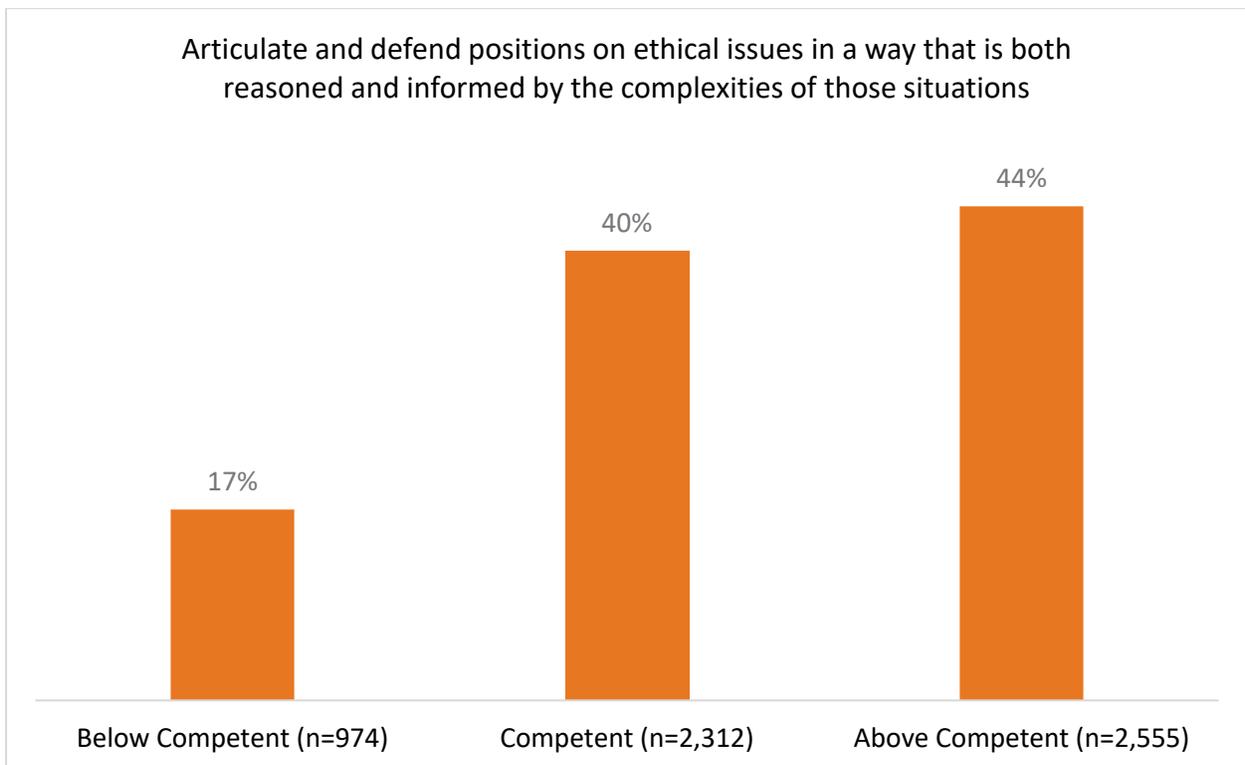


Figure 3. (n=5,841)