

Ethical Reasoning 2018-2019

Courses or course sequences addressing Ethical Reasoning (ER) must meet a majority of the student learning outcomes (SLOs). During the Fall 2018 and Spring 2019 semesters, Virginia Tech offered 113 Pathways courses that included the Integrative Concept of ER.

	Overall
Pathways Sections Offering ER	683
Pathways Sections Reporting ER Data ¹	405 (59%)
Pathways Sections Included in Analyses ²	361 (53%)
Enrollment in Sections Offering ER*	37,588
Enrollment in Sections Included in Analyses*	20,070 (53%)

* 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.	63	2,616	13% (n=340)	41% (n=1,060)	46% (n=1,216)
SLO 2: Identify ethical issues in a complex context.	348	10,212	12% (n=1,267)	38% (n=3,888)	50% (n=5,057)
SLO 3: Articulate and defend positions on ethical issues in a way that is both reasoned and informed by the complexities of those situations.	260	6,640	18% (n=1,176)	42% (n=2,764)	41% (n=2,700)

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

¹ Nine sections (2%) were missing data for one or more required SLOs; 396 (98%) sections provided complete data.

² Data from 353 sections (87%) were fully included; 8 sections (2%) were partially included; 44 (11%) sections were excluded.

Ethical Reasoning 2018-2019

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	181	8	189
Pathways Sections Reporting Data	63 (35%)	8 (100%)	71 (38%)
Pathways Sections Included in Analyses	55* (30%)	8 (100%)	63 (33%)
Enrollment in Sections Offering ER 1**	8,476	526	9,002
Students Included in Analyses**	2,430 (29%)	186 (35%)	2,616 (29%)

* Data from 8 sections were excluded.

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

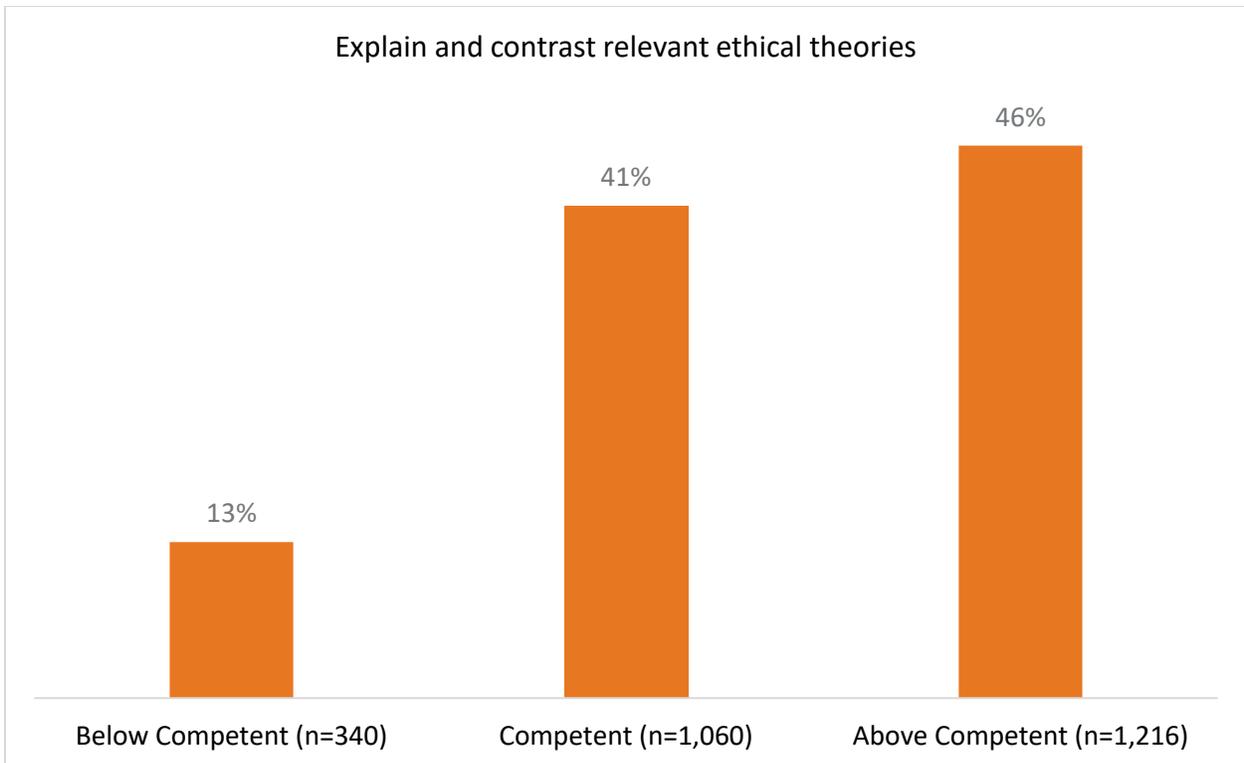


Figure 1. (n=2,616)

Ethical Reasoning 2018-2019

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	621	10	631
Pathways Sections Reporting Data	384 (62%)	10 (100%)	394 (62%)
Pathways Sections Included in Analyses	338* (54%)	10 (100%)	348 (55%)
Enrollment in Sections Offering ER 2**	35,393	371	35,764
Students Included in Analyses**	9,934 (28%)	278 (75%)	10,212 (29%)

* Data from 46 sections were excluded.

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

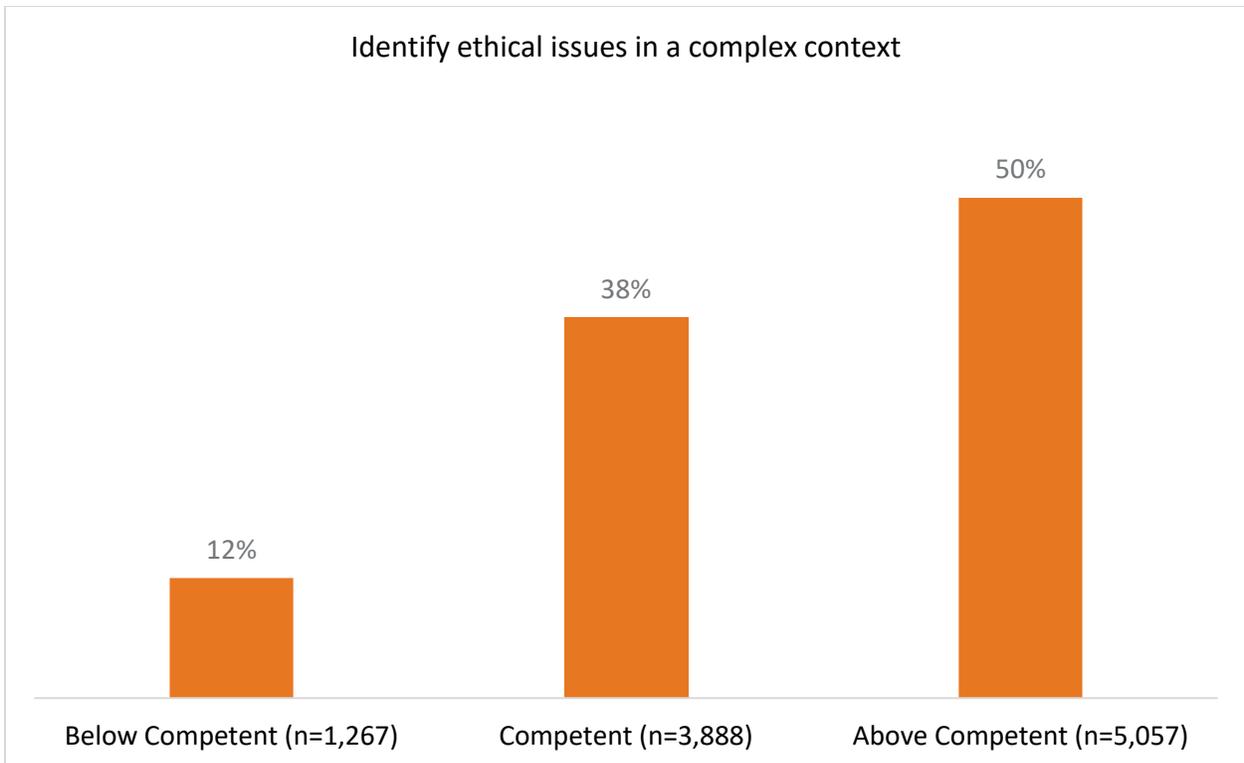


Figure 2. (n=10,212)

Ethical Reasoning 2018-2019

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	503	1	504
Pathways Sections Reporting Data	302 (60%)	1 (100%)	303 (60%)
Pathways Sections Included in Analyses	259* (51%)	1 (100%)	260 (52%)
Enrollment in Sections Offering ER 3**	29,539	4	29,543
Students Included in Analyses**	6,636 (22%)	4 (100%)	6,640 (22%)

* Data from 43 sections were excluded.

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

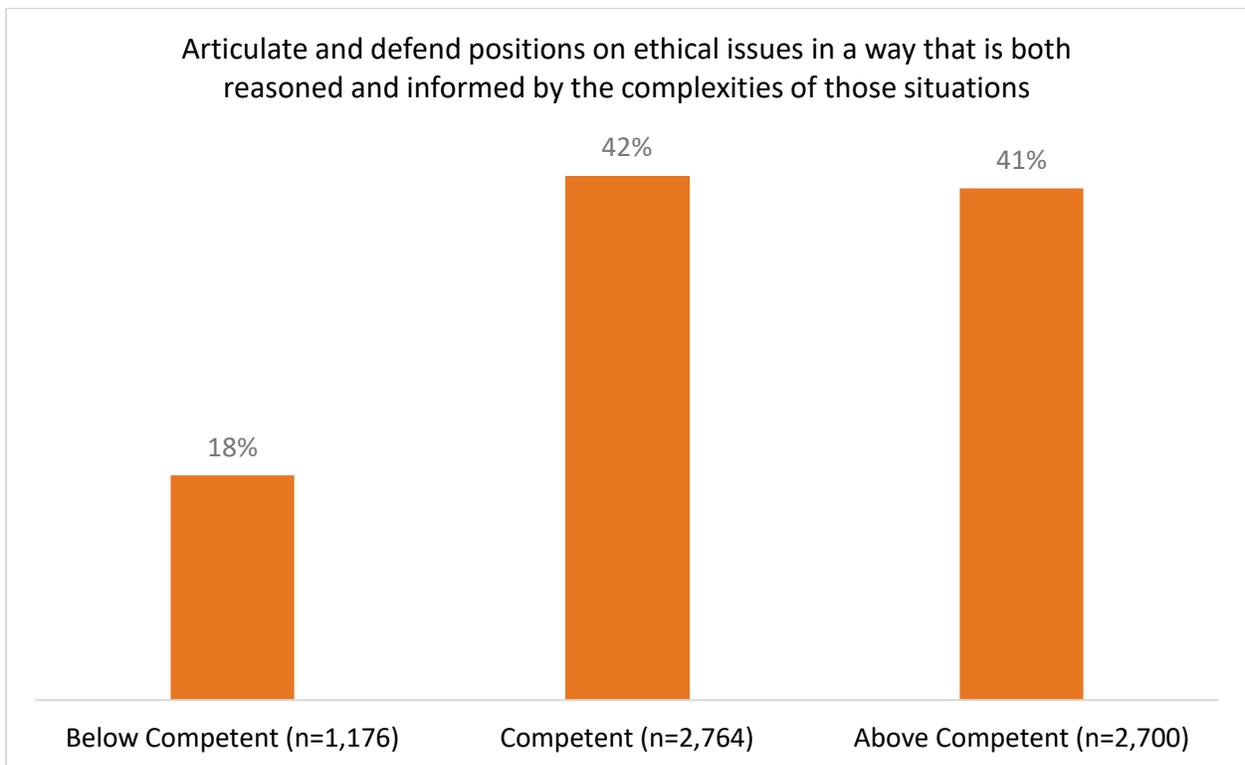


Figure 3. (n=6,640)