

Spring 2018 Core Curriculum Assessment Results

of

Skills 3 - Information Technology

from the

Mathematics

Core Curricular Area



For more information about UA Little Rock Core Curriculum Assessment, please visit:
<http://ualr.edu/facultysenate/councils-and-committees-of-the-faculty-senate/council-on-core-curriculum-and-policies/>

Assessed Courses

Data for this report was collected from the following Core courses:

MATH 1302 College Algebra

MATH 1321 Quantitative and Mathematical Reasoning

Scoring Rubric

A five-point scoring rubric was used for all data reporting. The table below shows the five levels, the scores assigned to each level, and the general guidelines that Core Area Assessment Committees (CAAC) used to score collected artifacts.

Level	Score	“Assessment of this artifact indicates that the student...”
Advanced	4	“... was successful at ...”
Proficient	3	“... attempted and was usually successful at ...”
Novice	2	“... attempted but was not always successful at ...”
Not Met	1	“... made little attempt at ...”
Absent	0	“... made no attempt at ...”

Data Interpretation Method

The Results presented in this document are reported by Learning Outcome and by Teaching Modality. The arithmetic mean for each level (Advanced, Proficient, Novice, and Not Met) was calculated based on the total number of artifacts that scored at each level divided by the total number of artifacts scored overall, with the number of Absent level artifacts removed from the total.

$$[Level] Mean = \frac{\text{Number of } [Level] \text{ Artifacts Scored}}{(\text{Total Artifacts Scored} - \text{Number of Absent Artifacts Scored})}$$

The Results for each Learning Outcome and Teaching Modality are presented in tables, pie charts, and radar charts. Total percentages on tables and pie charts sum to 100%, and total values on radar charts sum to 1.0.

Results

By Learning Outcome

The tables and charts in this section show the number of artifacts scored at each level for each Learning Outcome, regardless of Teaching Modality type. Absent values listed are artifacts that were collected but could not be scored.

Learning Outcome 1

Students will make appropriate decisions regarding the use of technology when solving problems, recognizing both the insight to be gained and the limitation.

Level	Number of Artifacts	Percentage
Advanced	271	31.8%
Proficient	372	43.7%
Novice	155	18.2%
Not Met	54	6.3%
Totals	852	100%
Absent	17	

Learning Outcome 2

Students will use information resources like the internet reflexively for inquiry, exploration, and communication.

Level	Number of Artifacts	Percentage
Advanced	226	42.8%
Proficient	109	20.6%
Novice	52	9.9%
Not Met	141	26.7%
Totals	528	100%
Absent	15	

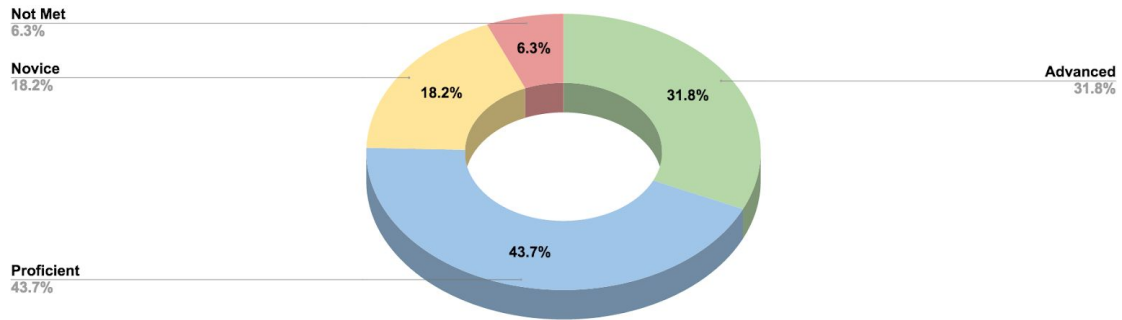
Results

By Learning Outcome

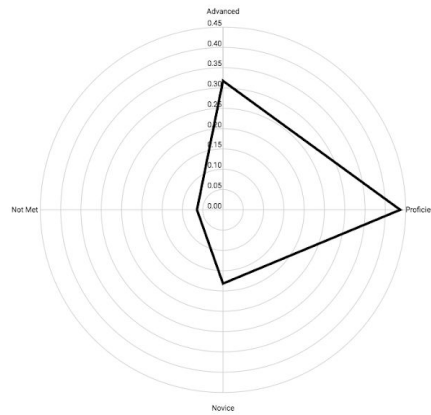
Learning Outcome 1

Students will make appropriate decisions regarding the use of technology when solving problems, recognizing both the insight to be gained and the limitation.

Learning Outcome 1



Learning Outcome 1



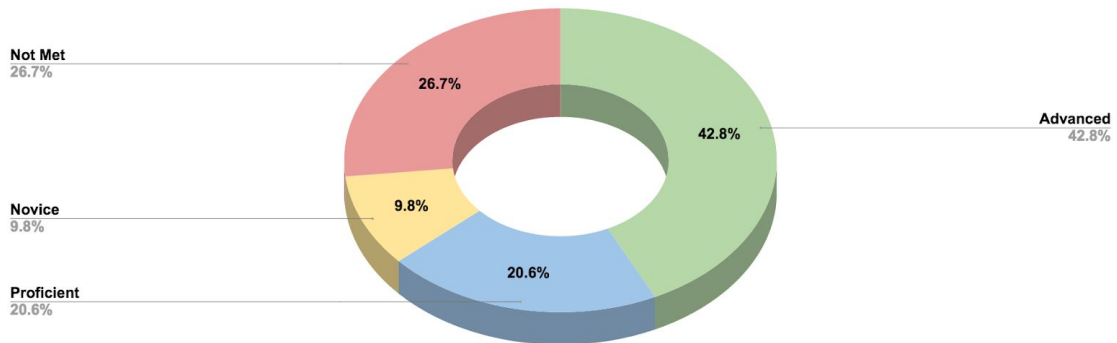
Results

By Learning Outcome

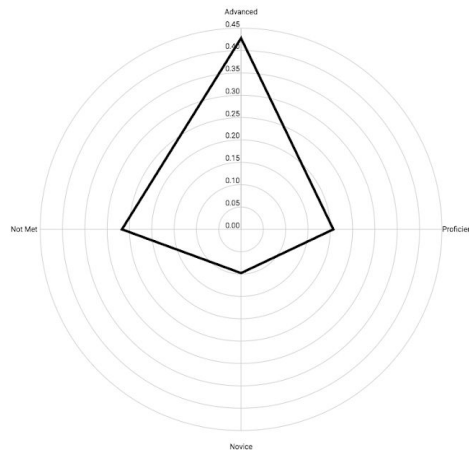
Learning Outcome 2

Students will use information resources like the internet reflexively for inquiry, exploration, and communication.

Learning Outcome 2



Learning Outcome 2



Results

By Teaching Modality

The tables and charts in this section show the number of artifacts scored at each level for each Teaching Modality, regardless of Learning Outcome type. Absent values listed are artifacts that were collected but could not be scored.

Face-to-face

Students were taught in a traditional face-to-face classroom setting.

Level	Number of Artifacts	Percentage
Advanced	293	34.3%
Proficient	245	28.7%
Novice	145	17%
Not Met	171	20%
Totals	854	100%
Absent	27	

Online

Students were taught in an online teaching setting.

Level	Number of Artifacts	Percentage
Advanced	70	56.9%
Proficient	20	16.3%
Novice	15	12.2%
Not Met	18	14.6%
Totals	123	100%
Absent	4	

Concurrent

High school students that are enrolled in UA Little Rock Core courses.

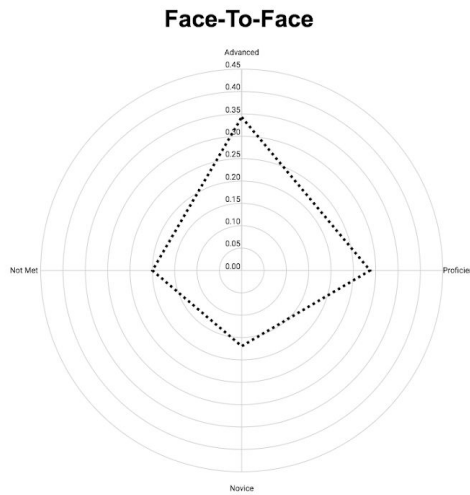
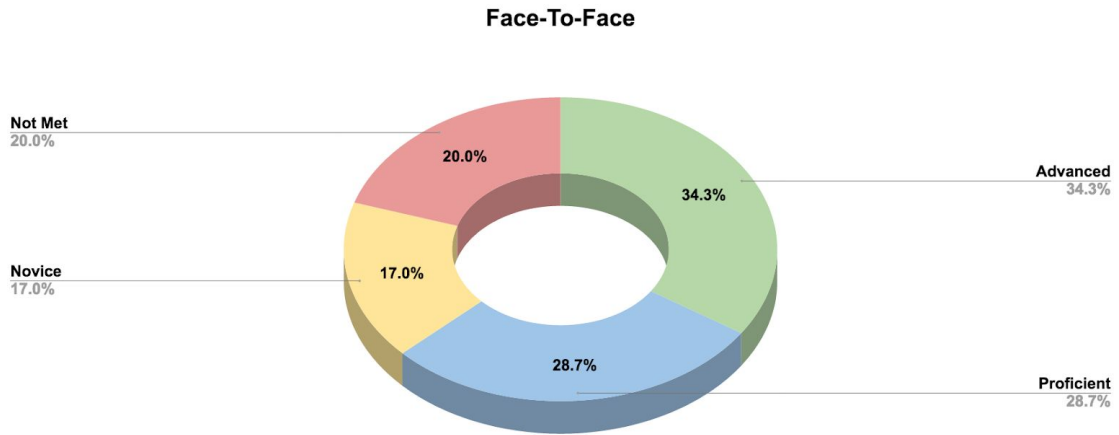
Level	Number of Artifacts	Percentage
Advanced	134	33.2%
Proficient	216	53.6%
Novice	47	11.7%
Not Met	6	1.5%
Totals	403	100%
Absent	1	

Results

By Teaching Modality

Face-to-face

Students were taught in a traditional face-to-face classroom setting.

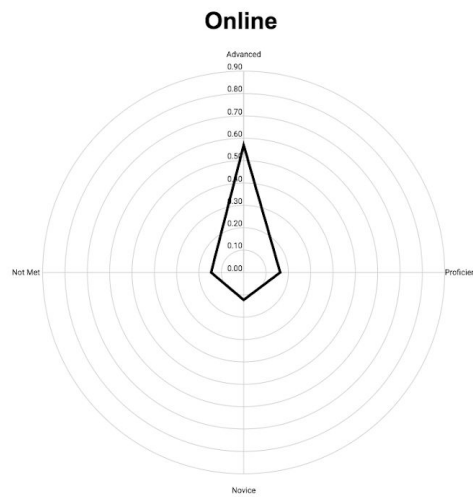
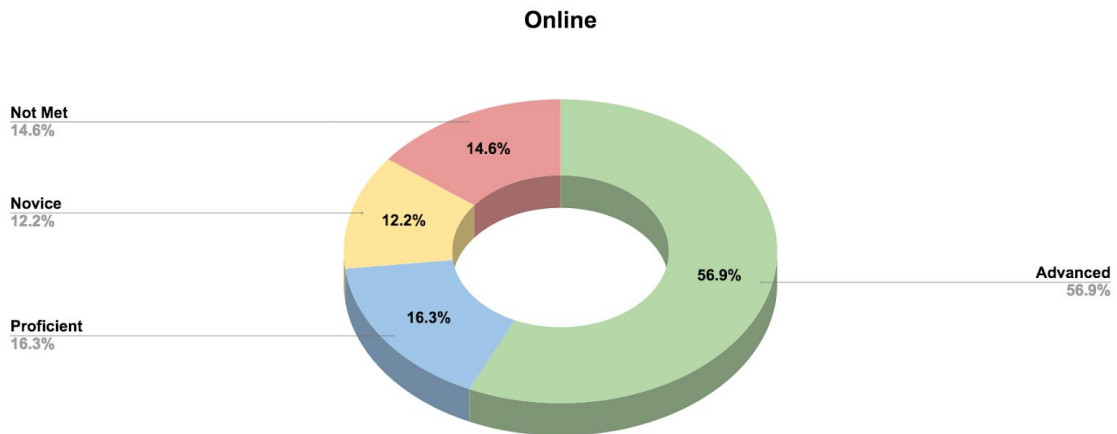


Results

By Teaching Modality

Online

Students were taught in an online teaching setting.

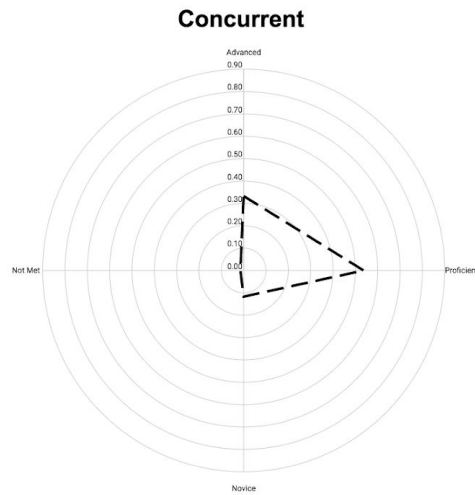
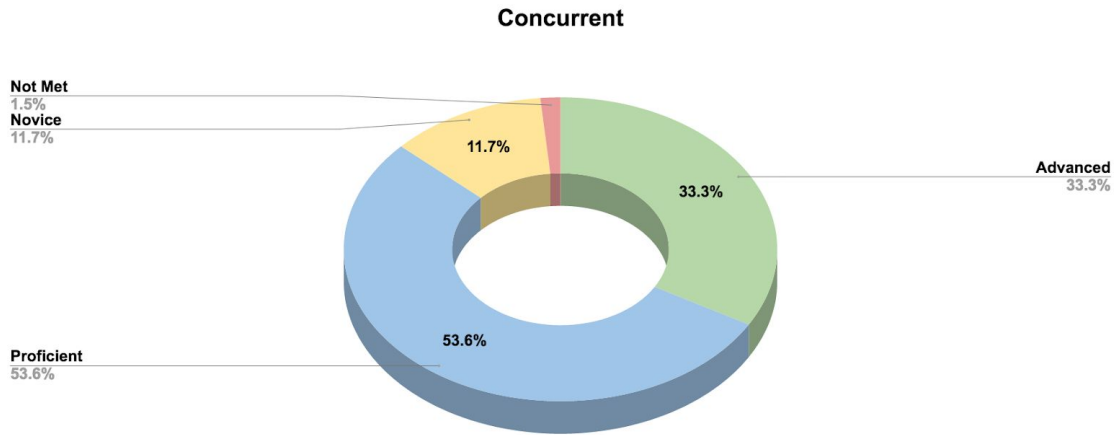


Results

By Teaching Modality

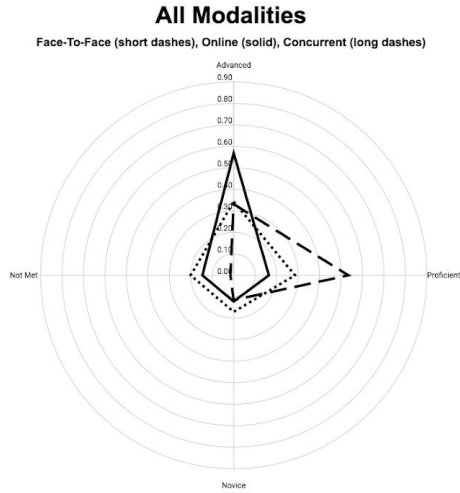
Concurrent

High school students that are enrolled in UA Little Rock Core courses.



Results

All Modalities



END OF REPORT