

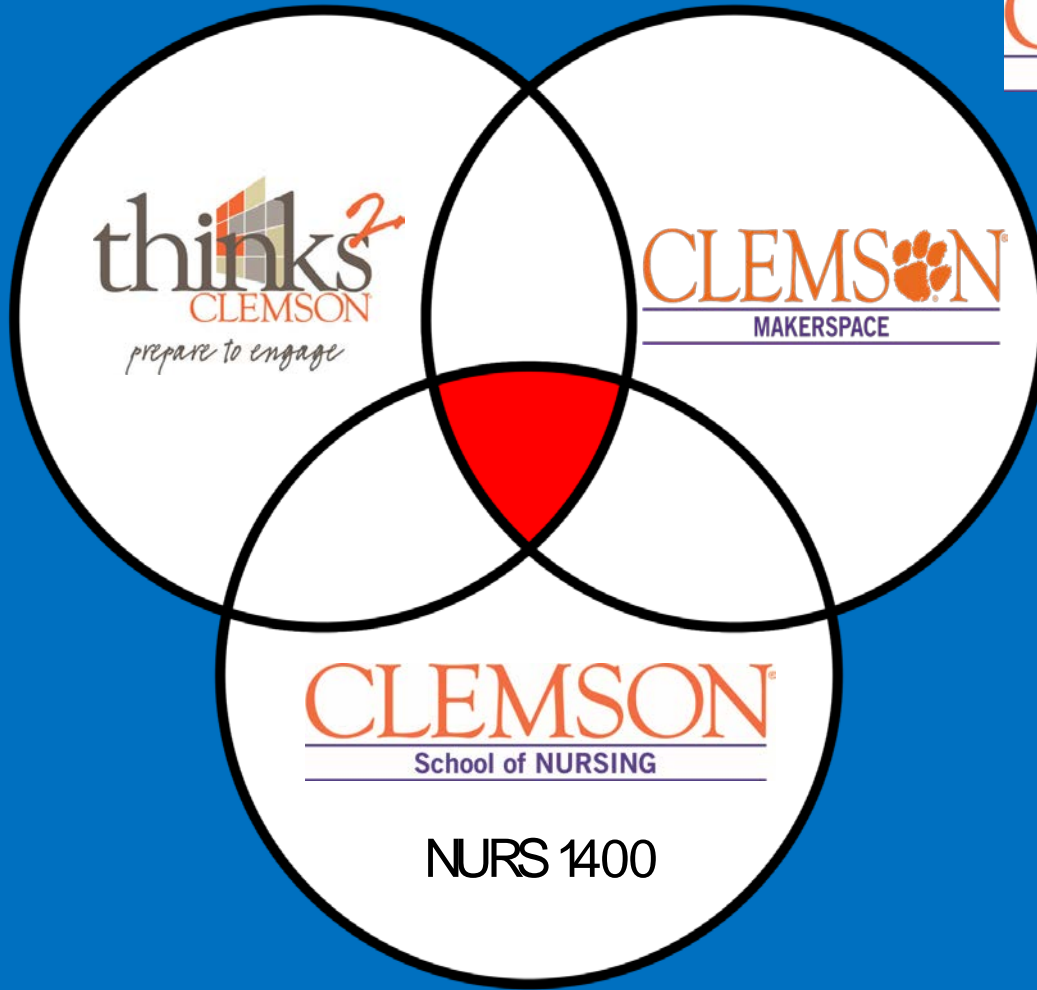
Integrating Critical Thinking and Health Makerspace Activities



Nancy Meehan, PhD, RN

Nurses solve Problems...





thinks
CLEMSON
prepare to engage

CLEMSON
MAKERSPACE

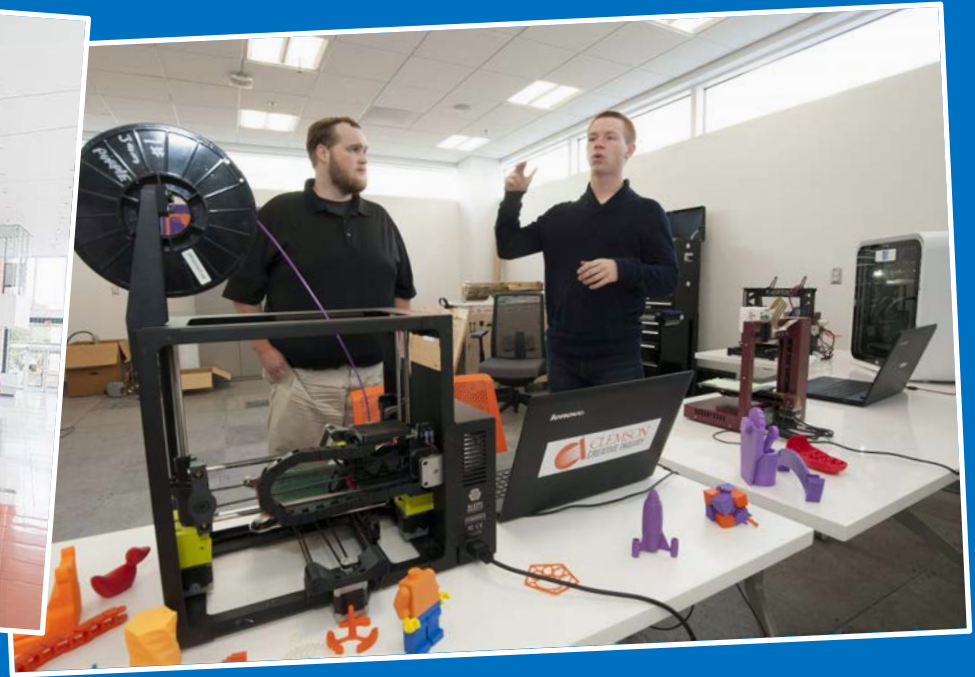
CLEMSON
School of NURSING

NURS 1400

What is a MakerSpace?



Watt Family Innovation Center: MakerSpace



CT2 Makerspace Rubric

	Strong (10 pts)	Acceptable (8 pts)	Unacceptable (6 pts)	Weak (4 pts ea.)
Problem	Problem is clearly defined and evidence, questions, etc. are accurately interpreted.	Problem is clearly defined and evidence, questions, etc. are not accurately interpreted.	Problem is unclearly defined and evidence, questions, etc. are misinterpreted.	Problem is not stated or evidence, questions, etc. are interpreted with bias.
Pros & Cons	Identifies most important arguments for and against the solution chosen.	Identifies relevant arguments for and against the solution chosen.	Fails to identify strong, relevant counter-arguments for the solution chosen.	Fails to identify or hastily dismisses strong, relevant counter-arguments for the solution chosen.
Points of View	Thoughtfully analyzes and evaluates major alternative points of view.	Offers analyses and evaluations of obvious alternative points of view.	Superficially evaluates obvious alternative points of view.	ignores obvious alternative points of view.
Conclusions	Draws warranted, thoughtful, logically sound conclusions	Draws warranted, logically sound conclusions	Draws unwarranted or unsound conclusions	Argues using unsound or irrelevant reasons, and unwarranted claims
Explanations	Justifies key solutions and results, explains assumptions and reasons.	Justifies some solutions and results, explains reasons	Justifies few solutions and results, seldom explains reasons.	Does not justify solutions and results, nor explains reasons.
Objectivity	Fair-mindedly follows where evidence and reasons lead.	Shows prejudice when following where evidence and reasons lead	Regardless of the evidence or reasons, defends views based on self-interest or preconceptions.	Exhibits close-mindedness to reason
Digital Media	3 or more different types of Adobe Spark products are used in final presentation	2 or more different types of Adobe Spark products are used in final presentation.	1 additional type of Adobe Spark products are used in final presentation.	No integration of Adobe Spark products are used in final presentation.
Effort	Completed work with excellence and exceeded faculty expectations.	Completed work in an above average manner.	Work is complete but lacks initiative and finishing touches.	Work shows minimal effort.
Participation	All group members participate actively and equally in presentation.	All group members participate, but work is unequally shared.	Some group members participate very little or not at all.	One or more group members need to be reassign to another group.
Time	Presentation is between 3 - 3 ½ minutes long.	Presentation is too long or short by 30 seconds or less.	Presentation is too long or too short by more than 30 seconds.	Presentation is too long or too short.

Total Pts Awarded: _____

Maximum Strong 100 pts; Acceptable 80 pts; Unacceptable 60 pts; Weak 40 pts.

NURS 1400 Makerspace Projects Sp 18



Previous Nursing Projects



Critical Thinking Measures I will look at:

1. ETS

- Freshmen orientation

2. CCTST

- Pretest/posttest
- NURS 1400 class –Freshmen 2

3. Kaplan

- Throughout junior and senior year in nursing
- Partial scoring

Clemson CT2 Makerspace Project Adobe Spark Example