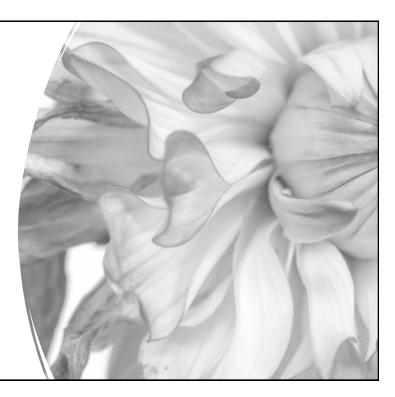
Competency-Based Education: Paving the Path Forward

Jean Giddens Dean and Professor, VCU School of Nursing



Conflict of Interest

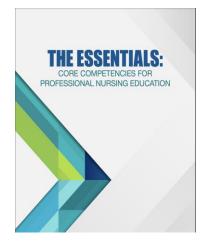
The presenter has no known conflict of interest.

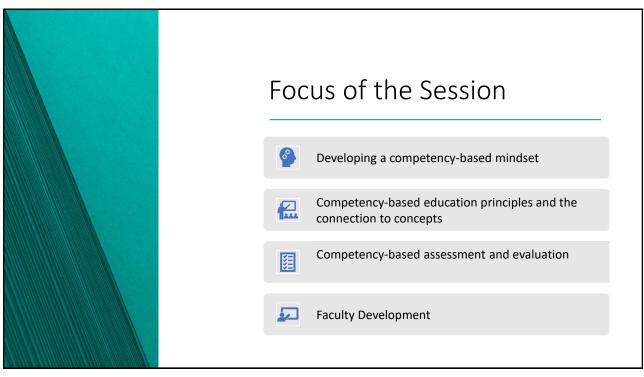


Background

Adopted Spring 2021 by AANC member deans with ~3-year implementation timeline

"Give me 6 hours to cut down a tree, and will will spend the first four sharpening the axe." Abraham Lincoln





Developing a competencybased mindset

Expectations, Encouragement, Engagement

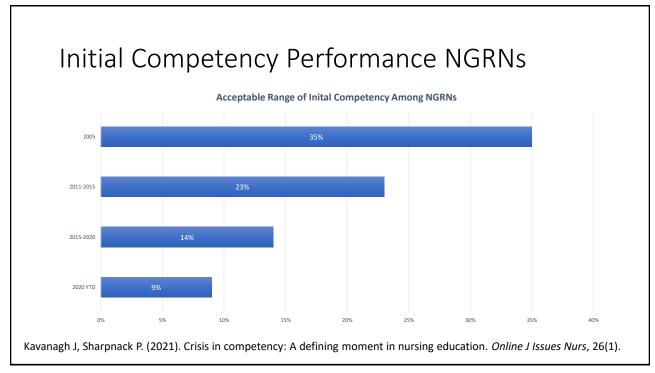
Expectations

Selling the why....why are we doing this?

- Culture of competence; Link to expectations of practice partners
- Competence starts with faculty; change the expectations of educational approaches.
- Crisis in Competency A defining moment in nursing education. (Kavahagh and Sharpnack, 2021)

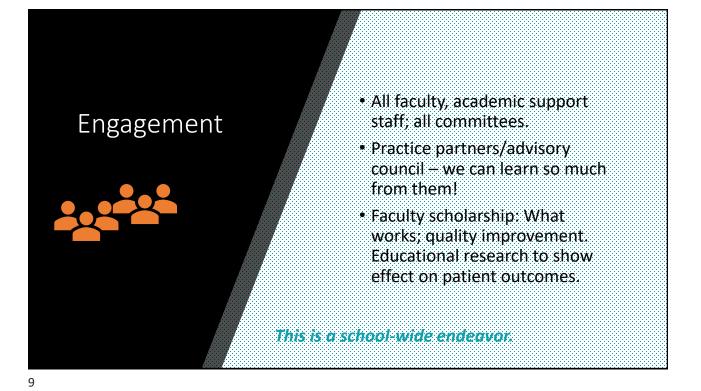
"Without the acceptance and support of teachers themselves, CBME will not survive." (Labst, 2010)

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Competency-based education can be applied within a variety of curricular designs.

Core elements of the competency-based approach

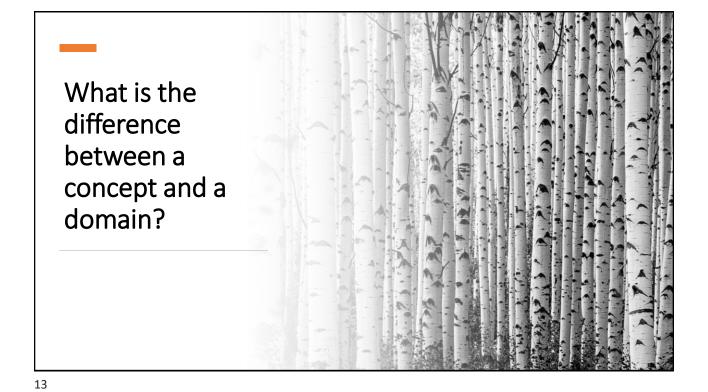
"An outcomes-based approach to the design, implementation, assessment, and evaluation of medical education programs, using an organizing framework of competencies." (Frank, Snell, Cate et al., 2010, p 641).

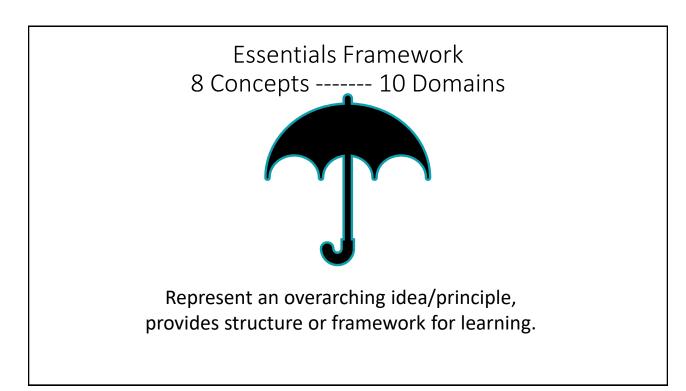
Learner engagement

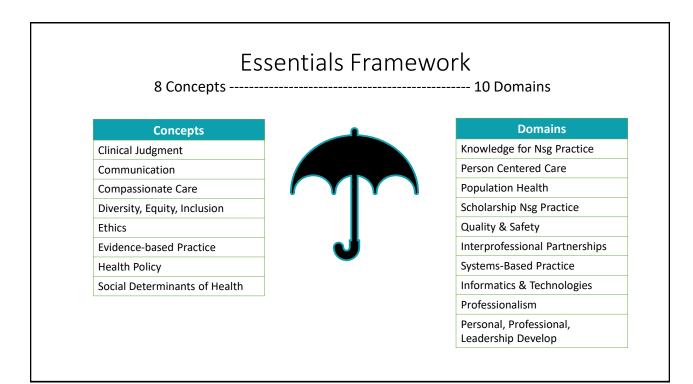
Support individual needs of learners

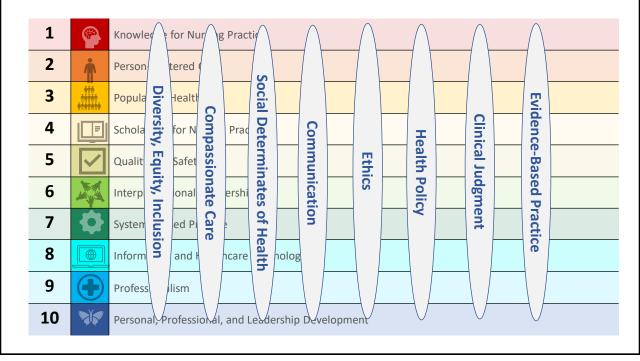
Common expectations for learners

Rigorous assessment









What is the difference between a concept and a competency?

Concept

Overarching idea/principle

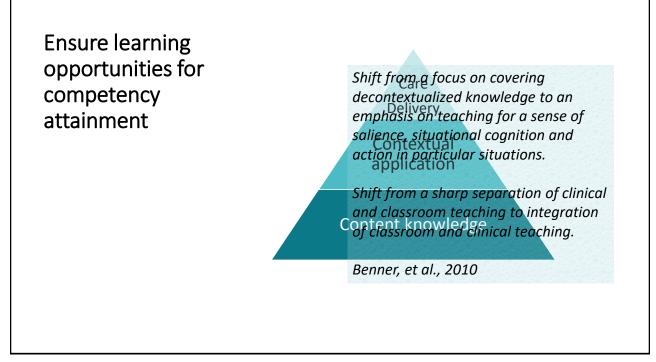
Outcomes of conceptual learning:

- know what the concept is
- recognize the concept in clinical practice, and
- take appropriate action

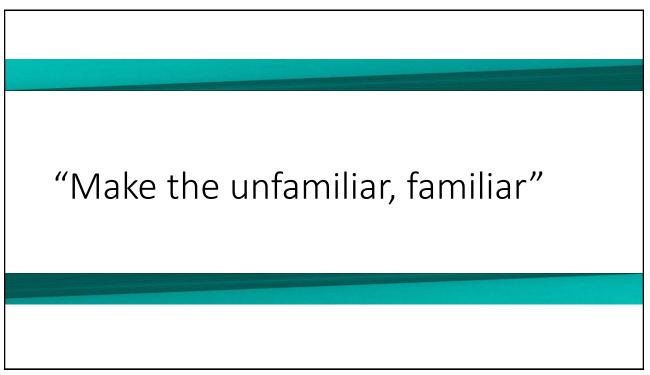
Competency

An <u>outcome statement</u> of what learners can do with what they know.

Competency statements are organized within concepts / domains.









- Discuss elements and process needed to make coffee?
- How would you evaluate someone's competence to make coffee?
- What are some examples of coffee fails?



Coffee Fails.....

Water

- Poor water quality
- · Water not hot enough

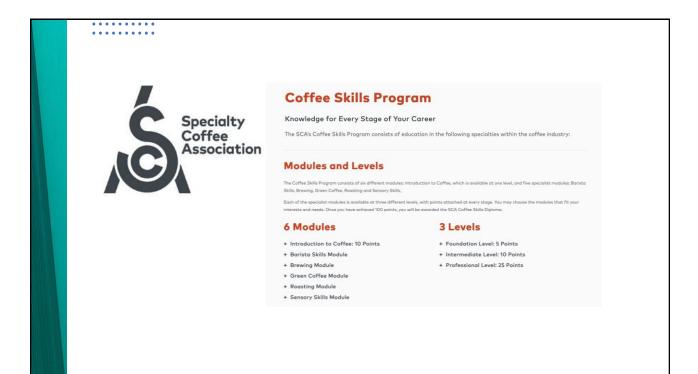
Coffee

- Incorrect grinding method
- Using beans ground long time
- Stale beans improper storage.
- Old grounds in filter basket

Brewing

- Forget to add coffee
- Forget to add water
- Not knowing proper brewing method
- Mismeasurement wrong coffee to water ratio
- Forget to turn on machine
- Forget to empty cannister before brewing coffee
- Forgetting to put collection container under brewing

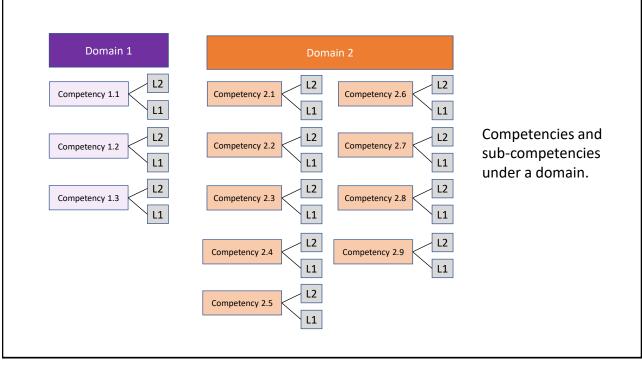
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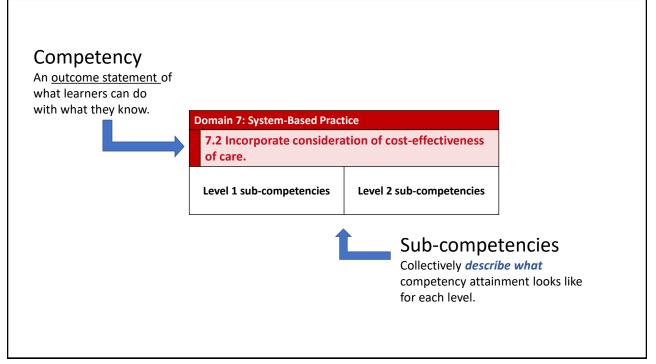




- Water
- Coffee
- Brewing
- Coffee Drinks
- Customer Service
- Resource Efficiency

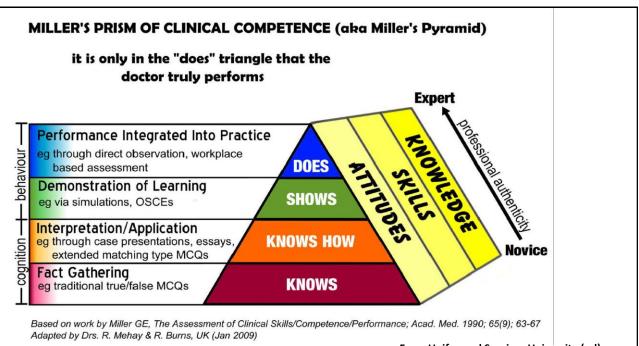


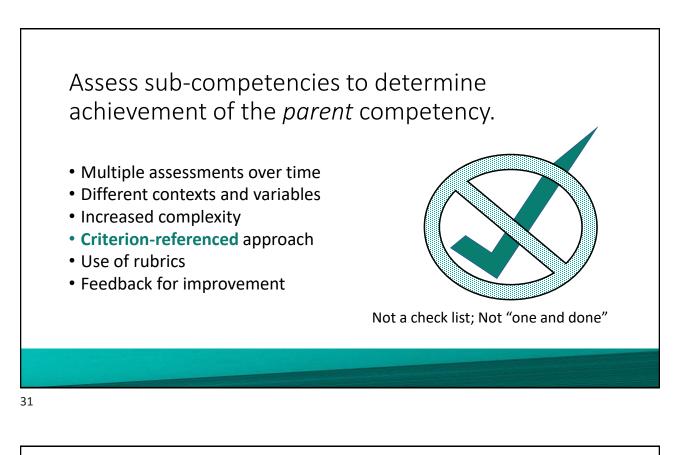




Assessment

- Cognitive assessments
- Clinical / practice-based assessments with feedback for performance improvement
- Critical assessments as part of the curriculum plan – consider these in different stages of curriculum
- Documentation of assessments; track progress over time





Ab	oout Clinical Educa [.]	tion
We	e have work to do! "No studies reported learning out education models."	comes attributed to clinical
Fol" edi		
the	education nursing Door of the predoction nursing Door of the predoction of the predo	al models and related assessment, nt of clinical outcomes."
	"raises serious questions a reliance on traditional clinic evaluation and measureme	about nursing education's continu- about nursing education's continu- al models and related assessment, ant of clinical outcomes."
	evaluation and measure	

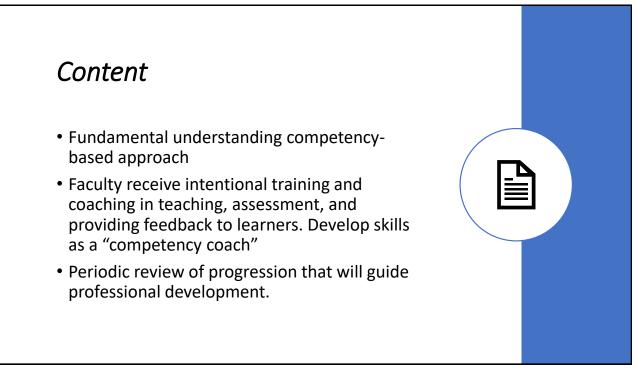
About Clinical Education, Recommendations

More standardized simulation, benchmarking benchmarking competency attainment – the evidence is there! Develop valid and reliable tools to measure identified outcomes and competencies. Psychometric tool development.

Leighton, Kardong-Edgren, NcNelis, Foisy-Doll, Sullo, 2021.



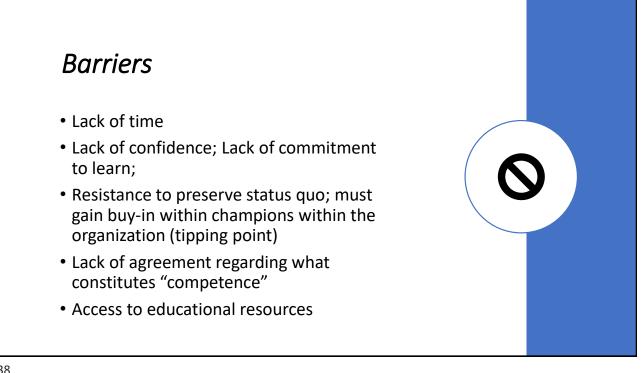




Process

- Longitudinal; repeated learning over time to allow development of skill. (Faculty development is not accomplished in a bolus)
- Multimodal approach (individual, one on one; small group; peer review; structured teaching/evaluation activities
- Interactive
- Ongoing feedback to faculty





Enablers

- Incentives
- Making an overt commitment to change
- Formation of CBE champions
- Celebrating progress; individual and groups
- Engage all the faculty and wide group of stakeholders
- Develop best-practices in competency assessment



