

HRS 8961 - Classroom Management Teaching Strategies in Health Sciences

Fall 2026 Syllabus, Section 01, CRN 43362,

Credit hours: 3

Instructor

Cathy Bieber Parrott

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Public Instructor Information

Instructor Title: Assistant Professor

Instructor Professional Qualifications:

PhD., Health and Rehabilitation Science. YSU 2023

MS. PT, Advanced Msk & Ortho PT. University of Pittsburgh, 1994

BS. PT, University of Texas, Medical Branch, Galveston, 1984

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Course Description

8961. Classroom Management & Teaching Strategies in Health Sciences. Classroom management strategies for engaged learning using technology which benefit the diversity of Health Sciences student learners in today's classroom are introduced. Learning assessment options are discussed (assignments, classroom activities and testing) including the use of rubric for grading and item analysis for test review and development. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Innovative Teaching Strategies in Nursing and Related Health Professions, 9th edition.		

Hagler, Debra A., et al. Innovative Teaching Strategies in Nursing and Related Health Professions, 9th edition. 2026. Jones & Barlett Learning. ISBN 13 : 9781284296808

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Gardner, AK, et al. What do faculty in health professions need to be competent educators? Results from a school-wide needs assessment. J Allied Health, 2017. Winter 46 (4): e77-e80. Ch 26, section titled: Concept Maps as Planning Tools	Introduction to course Writing student learning objectives Mapping SLO to the curriculum	Due: discussion board- introduce self and ID teaching experience and needs
8/31	Ch 1 Educating Health Professionals - ppt	Educating health professionals, what teachers need to know.	Due: First draft of SLO/Curriculum map



9/7	Ch 1 continued Mukhalalati BA, Taylor A. Adult Learning Theories in Context: A Quick Guide for Healthcare Professional Educators. J Med Educ Curric Dev. 2019 Apr 10;6:2382120519840332. doi: 10.1177/2382120519840332. PMID: 31008257;	Overview of Adult learning theories	
9/14	Castro-Alonso JC, de Koning BB, Fiorella L, Paas F. Five Strategies for Optimizing Instructional Materials: Instructor- and Learner-Managed Cognitive Load. Educ Psychol Rev. 2021;33(4):1379-1407. doi: 10.1007/s10648-021-09606-9. Epub 2021 Mar 9. PMID: 33716467 Classroom Management & Instruction - ppt	Classroom management	Due: Final curriculum map w SLO and assessment strategies
9/21	Ch 9 Increasing Student Engagement - link to webpage provided in Blackboard	Student centered classroom	Due: First draft of teaching/learning module (Fink template)
9/28	Ch 19 Regmi K, Jones L. A systematic review of the factors - enablers and barriers - affecting e-learning in health sciences education. BMC Med Educ. 2020 Mar 30;20(1):91. doi: 10.1186/s12909-020-02007-6. PMID: 32228560; PMCID: PMC7106784.	Teaching with technology	
10/5		Responsible AI use in the classroom	Due: first draft of teaching activity fostering student engagement and uses technology
10/12	Ch 25 Video on debriefing techniques - link provided in Blackboard Summative assessment -ppt	Feedback and Debriefing Summative assessment	
10/19	Morrison S, Free KW. Writing multiple-choice test items that promote and measure critical thinking. J Nurs Educ. 2001 Jan;40(1):17-24. doi: 10.3928/0148-4834-20010101-06. PMID: 11198905.	Summative assessment continued	Due: a summative assessment w rubric
10/26	Multiple choice item analysis- ppt	Item analysis	Due: multiple choice items
11/2	Formative assessment - ppt Feedback using rubrics -ppt Peer assessment - ppt	Formative assessment	
11/9		Veteran's Day Holiday	Due: multiple choice item analysis
11/16		One on one sessions for LMS management	Due: Final module design (submitted via Fink template)
11/23		Thanksgiving Recess	
11/30		LMS presentation	Due: Final teaching and active learning strategy using technology
12/7		LMS presentation	

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.