

Tests and Measurements

HHP 340 – Spring 2020

Fort Hays State University
Department of Health and Human Performance
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Read a more in-depth syllabus here: <https://medium.com/@drjamieschwandt/swarm-learning-complex-adaptive-syllabus-cas-spring-2020-97b79c09336e>

1. COURSE INFORMATION

1.1 Credit Hours	2
1.2 Semester and Year	Spring 2020
1.3 Location of Class	Virtual

2. INSTRUCTOR INFORMATION

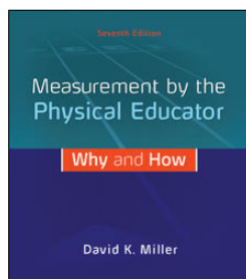
2.1. Instructor Contact Information

- Dr. Jamie Schwandt
- Office Location: Remote
- Email Address: jrschwandt@fhsu.edu

2.2. Contact Procedure and Policy: Available by email with a 24 hour response time

3. TEXTBOOK AND COURSE MATERIALS

3.1. Required Textbook(s): Measurement by the Physical Educator: Why and How, 7th Edition (must purchase the Connect program as well)



Measurement by the Physical
Educator: Why and How
7th Edition
• [View Latest Edition](#)
By [David Miller](#)
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3.2. Supplementary Book(s) and Article(s): Systems Thinking Made Simple: New Hope for Solving Wicked Problems by Derek and Laura Cabrera

Flock Not Clock: Design, Align, and Lead to Achieve Your Vision by Derek and Laura Cabrera



4. COURSE DESCRIPTION

4.1. Course Description: This course is intended for those seeking a career in physical education, exercise science, or kinesiology. It will provide you with the necessary skills to conduct measurement techniques properly and effectively.

5. COURSE OBJECTIVES

5.1. Course Objectives:

- Explain measurement, evaluation, assessment, and statistics in health promotion.
- Describe and present a distribution of scores.
- Investigate the relationship between scores and the difference in scores.
- Determine what a good test is in health promotion.
- Explain how to construct a knowledge test in health promotion.
- Describe how to assess and grade students in health promotion.
- Explain how to construct and administer psychomotor tests in health promotion.
- Describe systems thinking and its use in health promotion.
- Learn how to deconstruct an argument.
- Learn how to write an argumentative essay.
- Learn how to use business intelligence programs and tools used in the real world.
- Learn the importance of providing and receiving candid feedback.

5.2. Course Expectations: Active participation in Learning Community (must respond to at least two student's maps/discussion) and completion of required maps.

6. TEACHING, LEARNING METHODS, & COURSE STRUCTURE

6.1. Delivery Method: This class is prepared for the Virtual College at Fort Hays State University. It is a combination of reading, individual and group concept mapping, discussion and collaboration, and an argumentative essay.

This class is a learning community. Ideas will be presented and discussed using a blog format. You will need to use the following link to access this learning community at <https://ltblogs.fhsu.edu/swarmlearningspring2020/>

6.2. Course Structure: Weekly topics and assignments. Each week will begin on a Monday. All assignments will be due the following Monday. Feel free to work



ahead. You will be required to complete and share weekly concept maps. We will use simple rules to complete each map. You will need to use the guiding questions from Thinkquiry and then complete your maps using Plectica. Use the following link to receive the paid version of Plectica for free

<https://www.plectica.com/promo/fjsu619>. You will create all maps (Plectica Maps, Logic Maps, and Feedback Maps using Plectica).

6.3. Logic Maps will utilize a free mapping system to supplement Plectica and can be found at Rationaleonline.com.

6.4. An optional program that you should utilize is the Swarm Learning Class Discussion Facebook Group. This was initially an idea from a previous student. The group includes previous and current students (from other classes), experts, and educators. This is a great way to interact with others who have been through this type of teaching methodology. Request to join here <https://www.facebook.com/groups/387029035184032/>.

7. COURSE SCHEDULE

This schedule is tentative and might change during the semester depending on how the course evolves. The content is subject to change depending on students' interest and progress. Students will be notified of the changes through course blog. If time is mentioned in the course, it refers to the Central Time Zone.



Module 1: Distinctions				
Week	Date	Module Focus	Assessment for HHP 340: Tests and Measurements	Assessment for HHP 630: Administration in Healthcare
1	21 - 26 Jan	Module 1: Distinctions	Knowledge Trail (KT1), Learn Smart (LS) Chapter 1, Read Chapter 1. Introduction (A. B. C. D.) from Onlinestatbook.com free pdf (will refer to it as Statbook)	Knowledge Trail (KT1), Read Chapter 1 of your textbook, Read Chapter 1 of WHO Systems Thinking pdf (will refer to it as "WHO")
2	27 Jan - 2 Feb		KT2, LS Chapter 2, Statbook (E. F. G. H.)	KT2, Read Chapter 3 of your textbook, Read Chapter 2 of WHO
3	3 - 9 Feb		Essay/Blog Map (EM3)	Essay/Blog Map (EM3), Read Chapter 2 of your textbook
4	10 - 16 Feb	Weeks 1-4 Assessments/Homework is Due by 11:59 CST on February 16th	Feedback Trail (FT4)	FT4

Module 1. Weeks 1–4

Module 2: Systems				
Week	Date	Module Focus	Assessment for HHP 340: Tests and Measurements	Assessment for HHP 630: Administration in Healthcare
5	17 - 23 Feb	Module 2: Systems	KT5, LS Chapter 5, Statbook (I. J. K. L. M.)	KT5, Chapter 8 of your textbook, Read Chapter 3 of WHO
6	24 Feb - 1 Mar		KT6, LS Chapter 8, Statbook Chapter 7. Normal Distributions (A. B.)	KT6, Chapter 5 of your textbook, Read Chapter 4 of WHO
7	2-8 Mar		EM7	EM7, Chapter 7 of your textbook
8	9 - 15 Mar	Weeks 5-8 Assessments/Homework is Due by 11:59 CST on March 15th	FT8	FT8

Module 2: Weeks 5–8



Module 3: Relationships				
Week	Date	Module Focus	Assessment for HHP 340: Tests and Measurements	Assessment for HHP 630: Administration in Healthcare
9	16 - 22 Mar	Module 3: Relationships	KT9, Statbook (C. D. E.)	KT9, Chapter 6 of your textbook, Read Chapter 5 of WHO
10	23 - 29 Mar		KT10, Statbook Chapter 11. Logic of Hypothesis Testing (A. B. C. D. E. F.)	KT10, Chapter 10 of your textbook, Read Part 1, Chapter 1 & 2 of The Six Sigma Handbook
11	30 Mar - 5 Apr		EM11	EM11, Read Chapter 11 of your textbook, Lean Six Sigma in Healthcare pdf
12	6 - 12 Apr	Weeks 9-12 Assessments/Homework is Due by 11:59 CST on April 12th	FT12, Swarming the Canvas Trail (SCT13)	FT12, Swarming the Canvas Trail (SCT13)

Module 3: Weeks 9–12

Module 4: Perspectives				
Week	Date	Module Focus	Assessment for HHP 340: Tests and Measurements	Assessment for HHP 630: Administration in Healthcare
13	13 - 19 Apr	Module 4: Perspectives	KT14, Statbook (G. H. I. J.), The Red Team Handbook v.9 (4 Ways of Seeing, 5 Whys)	KT14, Read Chapter 14 of your textbook, The Red Team Handbook v.9 (4 Ways of Seeing, 5 Whys)
14	20 - 26 Apr		KT15, Statbook Chapter 5. Probability (A. B. C.), The Red Team Handbook v7 (String of Pearls)	KT15, Read Chapter 15 of your textbook, The Red Team Handbook v7 (String of Pearls)
15	27 Apr - 3 May	Final Blog or Essay Due	Final Essay or Blog (EM16) Due, Statbook Chapter 14. Regression (A. B. C. F. G.)	Final Essay or Blog (EM16) Due, The Red Team Handbook v.9 (Cultural Perception Framework)
16	4 - 10 May		End of Course Evaluation / FT17, Statbook Chapter 15. Analysis of Variance (A. B. C.)	End of Course Evaluation / FT17, The Red Team Handbook v.9 (Analysis of Competing Hypotheses)
17	11 - 15 May	Weeks 13-17 Assessments/Homework is Due by 11:59 CST on May 15th	Finished!	Finished!

Module 4: Weeks 13–17



8. ASSESSMENT METHODS AND GRADING SCALE

Assessment Methods and Grading Scale

The grade you earn in this course depends on the total number of points you earn throughout the semester. The assessment methods and grading scale are as follows:

HHP 630				Letter Grade %
Assessment Method	Total No. of Assessments	Extra Credit	Points	
		10 Extra Credit Points for the first student to post each assignment per week!		A 90% and above
Knowledge Trails (KT)	8 total, 50 points each		400	B 80-89%
Essay Maps (EM)	3 total, 50 points each		150	C 70-79%
Feedback Trails (FT)	4 total, 50 points each		200	D 60-69%
Swarming the Canvas	1 total, 50 points		50	U below 60%
Final Essay or Blog	1 total, 200 points	150 Extra Credit Points for a blog!	200	
Total Points			1000	
HHP 340				
Assessment Method	Total No. of Assessments	Extra Credit	Points	
		10 Extra Credit Points for the first student to post each assignment per week!		
Knowledge Trails (KT)	8 total, 50 points each		400	
Essay Maps (EM)	3 total, 50 points each		150	
Feedback Trails (FT)	4 total, 50 points each		200	
Swarming the Canvas	1 total, 50 points		50	
Learn Smart (LS) Modules	4 total, 15 points each		60	
Final Essay or Blog	1 total, 200 points	150 Extra Credit Points for a blog!	140	
Total Points			1000	

Assessment Methods and Grading Scale

- You can earn **150 extra credit points for publishing a blog**, instead of an essay.
- The **first student to post an assessment will earn 10 extra credit points**. For example, the first student to post in HHP 630 and HHP 340 and share KT1 will earn 10 extra credit points. The first student to post and share KT2 will earn 10 extra credit points.
- Grades will be recorded in Blackboard.*



9. STUDENT HELP RESOURCES

Students have access to academic services, technical support and student services at Fort Hays State University. You can find the resources online at

<http://www.fhsu.edu/learningtechnologies/BlackboardStudentTutorials/>

For more information you can contact TigerTech at 785-628-3478 or

<https://www.fhsu.edu/tigertech/>

10. COURSE POLICIES

10.1. Class Attendance: virtual

10.2. Class Participation: mandatory collaboration

10.3. Assignment Due Date: flexible

10.4. Procedures for Assignment Submission: see assignment instructions in Learning Community

10.5. Test Make-ups: there are no tests!

10.6. Bonus Points or Extra Credit: 150 extra credit points for writing a Blog!

10.7. Collaboration Procedures: see Swarming the Canvas and Facebook Group

11. UNIVERSITY POLICIES

11.1. Academic Honesty:

https://www.fhsu.edu/academic/provost/handbook/ch_2_academic_honesty/

11.2. Attendance:

http://www.fhsu.edu/academic/provost/handbook/ch_2_instructional_procedures/

11.3. Withdrawal:

https://www.fhsu.edu/academic/provost/handbook/ch_7_change_enrollment/

11.4. Student Accessibility Services: <http://www.fhsu.edu/accessibility/>

11.5. Kelly Center Support Services: <http://www.fhsu.edu/kellycenter/>

11.6. Title IX Policy: <https://www.fhsu.edu/humanresourceoffice/Title-IX-Policy/>

11.7. Career Services: <http://www.fhsu.edu/career/>

11.8. Technology Services: <https://www.fhsu.edu/technology/>

11.9. Smarthinking: <http://www.fhsu.edu/virtualcollege/smarthinking/>