**SCHOOL OF NURSING**

|  |  |
| --- | --- |
| **COURSE:** | **HSC 320 – 01: Scientific Writing for Health Professionals** |
| **CREDIT:** | Semester Hours **3**  Contact Hours **45** |
| **DAY(s)/TIMES** |  |

**Module 11: Scientific Research : Conducting & Reporting**

1. **Login to Blackboard Daily for Course Updates.**
2. **Review Module 11 Resources**: **PPTs – explore ALL weblinks: Websites and Videos**
3. **Review Module 11 Requirements and Expectations for** **Week #13.**

* **Complete: Assignment #15: Conducting Research – Data Collection (primary)**

**Review: Sweaty Science: How Does Heart Rate Change with Exercise?** <https://www.scientificamerican.com/article/bring-science-home-heart-rate-excercise/>

**Overview:**

**Follow the instructions for the heart rate measurement, before and after different exercises. Collect at least 5 data measurements. Use the scientific method (8 stages found on slide 3 of this PPT (as well as the other weblinks and videos that you have reviewed for Session 1) to write up Stages 1 – 6 of the research process. Use APA, 7th edition to write a research report for these stages. You can provide information about how you might complete Stages 7 (indicate how you will process and analyze the data) and explain how you would do Stage 8 (writing the report).**

**Detailed Instructions:**

* + 1. **Review PPT for Module 11 (all weblinks and videos).**
    2. **Review the article and complete the data collection exercise (weblink indicated above). Take at least 5 different heart rate readings (1) baseline (initial); 2) pre exercise1; 3) post exercise 1, 4) pre exercise2, 5) post exercise2. A copy of the article is attached to Module 11.**
    3. **Write-up (paragraphs) 1-5 pages (not counting title page and References); APA guidelines apply. Address Stage 1 – 6 of the scientific research process. You may indicate how you would complete Stages 7 and 8 (theoretically at this point). You will learn to analyze data in the research course.**
* **Assignment #15: 1-5 pages write-up (paragraphs; APA guidelines apply.**