

Course Proposals

List of all proposals

Course Name: Medical Writing, Research Methods & Design

Course Prefix: MSRT

Course Number: 6010

Submitted by (Name & E-Mail): Paul Eberle, peberle@weber.edu

Current Date: 10/31/2012

College: Health Professions

Department: Respiratory Therapy

From Term: Spring 2014

Substantive

new Current Course Subject N/A
 Current Course Number

New/Revised Course Information:

Check all that apply:

Subject:

This is for courses already approved for gen ed.

Use a different form for proposing a new gen ed designation.

Course Number: 6010

DV CA HU LS PS SS

EN AI QL TA TB TC TD TE

Course Title: Medical Writing, Research Methods & Design

Abbreviated Course Title: Medical Writing

Course Type: LEC

Credit Hours: 3 or if variable hours: to

Contact Hours: Lecture 45 Lab Other

Repeat Information: Limit 0 Max Hrs 0

Grading Mode: standard

This course is/will be:

- a required course in a major program
- a required course in a minor program
- a required course in a 1- or 2- year program
- elective

Prerequisites/Co-requisites:

Acceptance into MSRT program.

Course description (exactly as it will appear in the catalog, including prerequisites):

This course will assist students in developing writing skills that meet professional journal requirements. Students will learn how to write research reports, abstracts, clinical case reports and scientific posters. Students will develop skills in effective editing, reviewing and proofreading. They will also develop skills that allow them to critically read published research articles in order to understand the validity and implications of the study results.

Justification for the new course or for changes to an existing course. (Note: Justification should emphasize academic rationale for the change or new course. This is particularly important for courses requesting upper-division status.)

It is essential that health care professionals are able to present their work clearly and efficiently in a manner that meets The Publication Manual of American Psychological Association (APA) standards. It is also essential that they are able to plan, develop, design, perform and publish original research that meets the requirements of a peer-reviewed professional journal.

INFORMATION PAGE
for substantive proposals only

1. Did this course receive unanimous approval within the Department?

true

If not, what are the major concerns raised by the opponents?

2. If this is a new course proposal, could you achieve the desired results by revising an existing course within your department or by requiring an existing course in another department?

No, this course is an advanced course specific to respiratory therapists above the entry-level practitioner offered at the baccalaureate level.

3. How will the proposed course differ from similar offerings by other departments? Comment on any subject overlap between this course and topics generally taught by other departments, even if no similar courses are currently offered by the other departments. Explain any effects that this proposal will have on program requirements or enrollments in other department. Please forward letters (email communication is sufficient) from all departments that you have identified above stating their support or opposition to the proposed course.

No similar offerings at the institutional level and no perceived overlap.

4. Is this course required for certification/accreditation of a program?

no

If so, a statement to that effect should appear in the justification and supporting documents should accompany this form.

5. **For course proposals**, e-mail a syllabus to Faculty Senate which should be sufficiently detailed that the committees can determine that the course is at the appropriate level and matches the description. **There should be an indication of the amount and type of outside activity required in the course (projects, research papers, homework, etc.).**

Please mail a signed approval page to the Faculty Senate Office, MA 210J, MC 1003.

COURSE SYLLABUS: Medical Writing, Research Methods and Design
MSRT 6010
Spring Semester 2014

Instructor: Lisa Trujillo, DHSc, RRT

e-mail: ltrujillo@weber.edu

Office: MH 309

Phone: (801) 626-6834

Schedule: TBA

Location: Online

REQUIRED TEXT: Handbook for Health Care Research, Chatburn R.L. (2011).
(2nd Ed.). Sudbury, MA: Jones and Bartlett Publishers. ISBN 10: 978-0-7637-7805-7.

Publication Manual of the American Psychological Association (2010)
(6th Ed.). Washington, DC: American Psychological Association.
ISBN 10: 1-4338-0561-8 (soft cover).

PURPOSE: The purpose of this course is to provide the student an opportunity to develop their professional/scientific writing skills and understanding of research methods and design. This course will assist students in developing good writing skills that meet professional journal requirements. Students will learn how to write research reports, abstracts, clinical case reports and scientific posters. They will also develop skills that allow them to critically read published research articles in order to understand the validity and implications of the study results.

RATIONAL: It is essential that health care professional are able to present their work clearly and efficiently in a manner that meets The Publication of American Psychological Association (APA) standards. It is also essential that they are able to plan, develop, design, perform and publish original research that meets the requirements of a peer-reviewed professional journal.

OBJECTIVES: Upon completion of this course, students will be able to demonstrate:

- 1) Develop a firm understanding of APA format and the mastery of professional/scientific writing style.
- 2) Identify and capture information from professionally reviewed literature to support the development a research paper.
- 3) Critically review ten (10) resources in the professional literature including publications, abstracts, case reports and scientific posters.
- 4) Develop an understanding of the scientific method and the basic steps necessary to plan, develop, design, perform, and publish original research.

ASSIGNMENTS: Students will be required to successfully complete at 80% or higher the following assignments:

- 1) Participate in weekly online postings and discussions with scholarly submissions worthy of a Masters level course.
- 2) Assignment #1 – Develop a research question that will be the basis of your final research paper for this course. Include the title page and an introduction with this submission.
- 3) Assignment #2 – Perform an extensive literature review related to the research question. Prepare and submit a literature review essay including a reference page. This assignment must include at least 10 peer-reviewed sources. Also include a discussion section.
- 4) Assignment #3 – Submit your draft to the writing center for editing and comments.
- 5) Assignment #4 – Complete a draft of your final paper including a title page, table of content, abstract, introduction, literature review, results, discussion, conclusion, implications, recommendations and conclusion. You will also include a reference page(s) and one appendix. Prior to submitting this draft, you must submit it to the WSU Writing Center for editing and suggestions (Assignment #3). A receipt of this activity must be included with the draft submission.
- 6) Assignment #5 – Make all edits to your document and submit your final paper for grading. The final paper will include all components listed in Assignment #3.
- 7) Present your paper at an open forum of students and faculty.

GRADING: Your grade will be determined by the percentage of possible points accrued during the quarter as follows:

Weekly discussion board	350 pts (25 pts each week)
Assignment #1	150 pts
Assignment #2	200 pts
Assignment #3	100 pts
Assignment #4	300 pts
Assignment #5	150 pts
Open forum presentation	<u>100 pts</u>
Final:	1100 pts

$$\text{Your grade} = \frac{\text{Your Points}}{\text{Total Possible Points}} = \% \text{ Grade}$$

93.0 - 100 = A	81.0 - 83.9 = B-
90.0 - 92.9 = A-	78.0 - 80.9 = C+
87.0 - 89.9 = B+	75.0 - 77.9 = C
84.0 - 86.9 = B	< 75 = C-

All late assignments will be subject to a 5% penalty per day and will not be accepted after one week from the due date.

An 80% or better is required on each component of this course. Failure to achieve 80% on any component by its original due date will require remediation and a repeat of the assignment within one week. Less than 80% on any component after remediation and repeat of the assignment will result in a 'not passing' grade, which will require that the course be repeated.

STUDENTS WITH DISABILITIES: Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Service Center. SSD can also arrange to provide course materials (including this syllabus) in alternative formats if necessary.

EXTRA CREDIT: Extra credit is not available in this course.

****Keep in mind that all assignments must be written at a Masters degree level. As mentioned previously, APA format is strictly required on all assignments. Please refer to the APA manual frequently throughout this course to ensure you are using proper formatting techniques.**