INSTRUCTIONS FOR 50X COURSES

PLEASE TYPE OR PRINT LEGIBLY

In order to be eligible to enroll in a 50X course, students must have successfully completed MINF 510, Introduction to Medical Informatics.

All 50X courses are graded on a P/NP basis.

The guidelines for credit hours are as follows: 1 credit hour = 3-5 hours of work per week, 2 credit hours = 6-8 hours of work per week, 3 credit hours = 9-12 hours of work per week, 4 credits = 12-15 hours of work per week.

Discuss a project with a faculty member. If the faculty member agrees to supervise a project, prepare a proposal.

The written proposal must be turned into the division office no later than the midterm of the quarter PRIOR to when the work will take place. (For example, a project that will take place in Spring 1998 must have a proposal turned in no later than February 11th, 1998 - midway through Winter term.) Proposals must be approved by the Curriculum Committee before registering for credit.

Your proposal must include the following:

The specific objectives of your project or practicum

A list of all activities and deliverables required. (Library research, web page development, software program, bibliography, paper, etc.)

The frequency of meetings with your faculty mentor.

All projects must include as deliverables an abstract, paper, and bibliography. These will be submitted to the faculty mentor and an electronic version will be submitted to the division office. These must be completed before a passing grade will be issued.

**SAMPLE PROPOSAL FOR RESEARCH PROJECT INVOLVING SOFTWARE
DEVELOPMENT**

CONTRACT BETWEEN STUDENT AND INSTRUCTOR

PLEASE TYPE OR PRINT LEGIBLY

Course Number:　　☒　501 Research　　　　　☐　507 Seminar
　　　　　　　　　　☐　502 Independent Study　☐　509 Practicum
　　　　　　　　　　☐　504 Reading & Conference

Student Name　　　Bill Gates　　　　　　SSN　　012-34-5678

Course Title　　　　UHC Software and Data Analysis

Quarter/Yr:　　　　Spring 1998　　　　Proposed Number of Credits:　4

Instructor:　　　　　Thomas Penfield Jackson

Frequency of Meetings: weekly

1. Specific objectives to be accomplished:

Become familiar with UHC software and data. Be able to create ad hoc reports and customized data analysis. Analyze UHC data and compare to OHSU data. Create predictive models and compare to UHC model. Examine UHC model across age groups (percentiles) for accuracy.

2. Estimated number of hours of work on course per week expected of student:　12-15

3. Activities required of student (indicate due date after each item):

Load UHC date onto PC and learn how to use it (4/15). Export date out of UHC and migrate to SAS datasets on the Unix box (5/1). Write SAS code to perform statistical analysis (5/15). Summarize results in a written report (6/12).

4. Deliverables and Assessment: (abstract, paper, bibliography, web page, program, etc.)

Abstract, paper, and bibliography. , SAS code, export of UHC datasets to Unix.

Student Signature_____Date_____

Instructor Signature_____Date_____

Approved by committee:　　　YES　　　　　　NO　　　　　Date_____

SAMPLE PROPOSAL FOR PRACTICUM

CONTRACT BETWEEN STUDENT AND INSTRUCTOR

PLEASE TYPE OR PRINT LEGIBLY

Course Number:
☐ 501 Research
☐ 502 Independent Study
☐ 504 Reading & Conference
☐ 507 Seminar
☒ 509 Practicum

Student Name   Dr. Voyager Hologram   SSN   987-65-4321

Course Title   Practicum with Community Hospital of Oregon

Quarter/Yr: Spring 1998   Proposed Number of Credits: 4

Instructor: Dr. Voyager Not'a'Hologram

Frequency of Meetings: weekly

1. Specific objectives to be accomplished:

In March and April, the Community Hospital of Oregon will be extending its computer network by placing approximately 20 computers into physician's offices in four primary care groups. Eight of these computers will be in three sites at my group, BestCare Inc. I would like to accomplish the following goals: 1) Set up a training program within our group to train physicians on the use of available software tools. This will include training on PhysicianView (to access hospital information), CC Mail, Microsoft Office, Netscape, Scientific American Medicine, MEDLINE, Microsoft Windows and others. 2) Obtain hands-on experience configuring and setting up the network. 3) Observe the organizational issues that arise between the two organizations as they begin to work together, with an emphasis on connectivity and security.

2. Estimated number of hours of work on course per week expected of student: 12-13

3. Activities required of student (indicate due date after each item):

I plan to spend 4.0 hours every Thursday working directly on this project on-site. I also expect to spend at least an additional 8.0 hours per week on additional preparation for the project during evenings and weekends.

4. Deliverables and Assessment: (abstract, paper, bibliography, web page, program, etc.)

Abstract, paper, and bibliography. 1-2 page midcourse report that details what has been done and whether the objectives have been met, 2-5 page final report detailing what has been done, how objectives were met, what was learned and what might have been done differently.

Student Signature_____Date_____

Instructor Signature_____Date_____

Approved by committee: YES   NO   Date_____

SAMPLE PROPOSAL FOR RESEARCH PROJECT OR INDEPENDENT STUDY

CONTRACT BETWEEN STUDENT AND INSTRUCTOR

PLEASE TYPE OR PRINT LEGIBLY

Course Number: ☐ 501 Research ☐ 507 Seminar
☒ 502 Independent Study ☐ 509 Practicum
☐ 504 Reading & Conference

Student Name	Data	SSN	456-28-1793
Course Title	Research Data Analysis		
Quarter/Yr:	Spring 1998	Proposed Number of Credits:	3
Instructor:	Captain Picard		

Frequency of Meetings: bi-weekly

2. Specific objectives to be accomplished:

The objective of this course is to analyze two datasets on primary care clinician information needs. I will test the hypotheses that rural clinicians are different from nonrural clinicians in their a) quantitative information needs (number of questions per patient); b) rate of information seeking (proportion of questions pursued); c) use of knowledge resources (proportion in each category); d) effectiveness of information seeking (proportion of questions answered). The null hypothesis in each case is there is no difference between rural and nonrural clinicians for each of these variables. The challenge will be to control for other variables that appear to influence pursuit of information: age, gender, speciality, etc.

2. Estimated number of hours of work on course per week expected of student: 9-12

3. Activities required of student (indicate due date after each item):

Background literature review on rural clinicians information needs, information seeking, and knowledge resource use (4/15). Descriptive analysis of the first dataset (5/1.) Descriptive analysis of second dataset (5/15).

4. Deliverables and Assessment: (abstract, paper, bibliography, web page, program, etc.)

Abstract, paper, and bibliography.

Student Signature_____Date_____

Instructor Signature_____Date_____

Approved by committee: YES NO Date_____