1. General Information

1a. Submitted by the College of: MEDICINE

Date Submitted: 3/25/2016

1b. Department/Division: Radiation Medicine

1c. Contact Person

   Name: Janelle Molloy
   Email: janelle.molloy@uky.edu
   Phone: 257-7612

   Responsible Faculty ID (if different from Contact)
   Name: 10656906
   Email: janelle.molloy@uky.edu
   Phone: 257-7612

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

2. Designation and Description of Proposed Course

2a. Will this course also be offered through Distance Learning? No

2b. Prefix and Number: RAS 711

2c. Full Title: Research Methods in Medical Physics

2d. Transcript Title:

2e. Cross-listing:

2f. Meeting Patterns

   LECTURE: 1

2g. Grading System: Letter (A, B, C, etc.)

2h. Number of credit hours: 1

2i. Is this course repeatable for additional credit? No

   If Yes: Maximum number of credit hours:

   If Yes: Will this course allow multiple registrations during the same semester? No
2j. Course Description for Bulletin: This course will introduce the student to, and give them practical experience in, writing research proposals, research reports and carrying out research work. The course will be jointly taught by various medical physics faculty and guest lecturers. Students will be asked to present their own work to be critiqued by the class. The goal is to give the student a hands-on experience of what is involved in doing funded clinical research on human subjects and getting it published in an academic journal.

2k. Prerequisites, if any: Approval of instructor

2l. Supplementary Teaching Component:

3. Will this course taught off campus? No
   - If YES, enter the off campus address:

4. Frequency of Course Offering: Spring,
   - Will the course be offered every year?: Yes
   - If No, explain:

5. Are facilities and personnel necessary for the proposed new course available?: Yes
   - If No, explain:

6. What enrollment (per section per semester) may reasonably be expected?: 6

7. Anticipated Student Demand
   - Will this course serve students primarily within the degree program?: Yes
   - Will it be of interest to a significant number of students outside the degree pgm?: No
   - If Yes, explain:

8. Check the category most applicable to this course: Traditional – Offered in Corresponding Departments at Universities Elsewhere,
   - If No, explain:

9. Course Relationship to Program(s).
   - a. Is this course part of a proposed new program?: Yes
   - If YES, name the proposed new program: PhD in Radiation and Radiological Sciences
   - b. Will this course be a new requirement for ANY program?: Yes
   - If YES, list affected programs: Proposed PhD in Radiation and Radiological Sciences

10. Information to be Placed on Syllabus.
    - a. Is the course 400G or 500?: No
    - b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached: Yes
Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy, etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (http://www.uky.edu/UKIT)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|Phyllis J. Nash|RAS 711 NEW Dept Review|20160112
SIGNATURE|Dorcas D. Beatty|RAS 711 NEW College Review|20160323
SIGNATURE|Rozhan N. Nikou|RAS 711 NEW Graduate Council Review|20160331
New Course Form

1. General Information
   a. Submitted by the College of: [MEDICINE] ✗ Submission Date: 3/25/2018
   b. Department/Division: [Radiation Medicine] ✗
   c. * Contact Person Name: Janelle Molloy Email: janelle.molloy@uky.edu Phone: 257-7612
   d. * Responsible Faculty ID (if different from Contact): 10656806 Email: janelle.molloy@uky.edu Phone: 257-7612
   e. * Requested Effective Date: ☑ Semester following approval OR ☐ Specific Term/Year-
   f. Should this course be a UK Core Course? ☑ Yes ☐ No

2. Designation and Description of Proposed Course.
   a. * Will this course also be offered through Distance Learning? ☑ Yes ☐ No
   b. * Prefix and Number: RAS 711
   c. * Full Title: Research Methods in Medical Physics
   d. Transcript Title (if full title is more than 40 characters):
   e. To be Cross-Listed [with] (Prefix and Number):
   f. * Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours for each meeting type.
      Lecture Laboratory Discussion
      Lab Study Clinical Colloquium Practicum
      Research Residency Seminar Studio
       Other
   g. * Identify a grading system:
      ☑ Letter (A, B, C, etc.)
      ☐ Pass/Fail
      ☐ Medicine Numeric Grade (Non-medical students will receive a letter grade)
      ☐ Graduate School Grade Scale
   h. * Number of credits: 1

i. * Is this course repeatable for additional credit? ☑ Yes ☐ No
   If YES: Maximum number of credit hours:
   If YES: Will this course allow multiple registrations during the same semester? ☑ Yes ☐ No
j. * Course Description for Bulletin:
This course will introduce the student to, and give them practical experience in, writing research proposals, research reports and carrying out research work. The course will be jointly taught by various medical physics faculty and guest lecturers. Students will be asked to present their own work to be critiqued by the class. The goal is to give the student a hands-on experience of what is involved in doing funded clinical research on human subjects and getting it published in an academic journal.

k. Prerequisites, if any:
Approval of instructor

l. Supplementary teaching component, if any: ☐ Community-Based Experience ☐ Service Learning ☐ Both

3. * Will this course be taught off campus? ☐ Yes ☐ No
If YES, enter the off campus address:

4. Frequency of Course Offering:
   a. * Course will be offered (check all that apply): ☐ Fall ☐ Spring ☐ Summer ☐ Winter
   b. * Will the course be offered every year? ☐ Yes ☐ No
      If No, explain:

5. * Are facilities and personnel necessary for the proposed new course available? ☐ Yes ☐ No
   If No, explain:

6. * What enrollment (per section per semester) may reasonably be expected? 6

7. Anticipated Student Demand:
   a. * Will this course serve students primarily within the degree program? ☐ Yes ☐ No
   b. * Will it be of interest to a significant number of students outside the degree program? ☐ Yes ☐ No
      If YES, explain:

8. * Check the category most applicable to this course:
   ☒ Traditional – Offered in Corresponding Departments at Universities Elsewhere
   ☐ Relatively New – Now Being Widely Established
   ☐ Not Yet Found in Many (or Any) Other Universities

9. Course Relationship to Program(s):
   a. * Is this course part of a proposed new program? ☐ Yes ☐ No
      If YES, name the proposed new program:
      PhD in Radiation and Radiological Sciences
   b. * Will this course be a new requirement for any program? ☐ Yes ☐ No
      If YES, list affected programs:
      Proposed PhD in Radiation and Radiological Sciences

10. Information to be Placed on Syllabus:
   a. * Is the course 400G or 500? ☐ Yes ☐ No
      If YES, the differentiation for undergraduate and graduate students must be included in the information required in 10b. You must include: (i) identification of assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR 10a above) are attached.
   b. ☐ The syllabus, including course description, student learning outcomes, and grading policies (and 400G vs 500-level grading differentiation if applicable) are attached.

---

In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally one hour per week, is considered one credit (per 00 52.1).

You must also include the Course Listing Form in order for the proposed course to be considered for D3 delivery.

In order to change a program, a program change form must also be submitted.

Rev 8/09
Syllabus for RAS 711 Research Methods in Medical Physics

This course will introduce the student to, and give them practical experience in, writing research proposals, research reports and carrying out research work. The course will be jointly taught by various medical physics faculty and guest lecturers. Students will be asked to present their own work to be critiqued by the class. The goal is to give the student a hands-on experience of what is involved in doing funded clinical research on human subjects and getting it published in an academic journal.

1 credit hour

Meeting times: TBD

Lecturers
Peter Hardy, Ph.D, Radiology, peter.hardy@uky.edu, Phone: 323-2703, pager: 330-0185

Janelle Molloy, Ph.D., Radiation Medicine, Phone: 257-7612

Wei Luo, Ph.D. Radiation Medicine, Phone: 323-4768

<table>
<thead>
<tr>
<th>Week</th>
<th>Lecturer</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Molloy</td>
<td>Introduction to research – difference between science and development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part I: reporting the results of research</td>
</tr>
<tr>
<td>2</td>
<td>Luo</td>
<td>Writing a research paper</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discussion of the components of a typical research paper: Abstract, Introduction, Methods and Materials, Results, Discussion, Conclusions, writing style</td>
</tr>
<tr>
<td>3</td>
<td>Luo</td>
<td>Selecting a journal, Authorship concerns; Journal style, citing other work, Bibliographic managers, copyright</td>
</tr>
<tr>
<td>4</td>
<td>Luo</td>
<td>Oral presentations. What makes a good presentation; characteristics of brain friendly slides.</td>
</tr>
<tr>
<td>5</td>
<td>Luo</td>
<td>Student presentations of a draft research paper.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part II: conducting research</td>
</tr>
<tr>
<td>6</td>
<td>Hardy</td>
<td>Research methods Quantitative, Qualitative, Epidemiological</td>
</tr>
<tr>
<td>7</td>
<td>Hardy</td>
<td>Study design, power analysis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Controls and variables</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>-------------------------</td>
</tr>
</tbody>
</table>
|8  | Grondin | Good Research Practices  
Data records  
Equipment calibration  
Quality control  
Archiving results |
|9  | Hardy  | Research ethics:  
Human subjects protection;  
Institutional review;  
Conflict of interest;  
FDA |
|10 | TBD  | Review of results  
statistical techniques to analyze data |
|11 | All  | Student presentations: Conducting Research:  
Methods |
|12 | Hardy | Review and appraisal of the literature |
|13 | Hardy | Hypothesis generation and testing |
|14 | Hardy | Research Funding  
Identifying a funding agency  
Budgets, selecting and involving co-investigators |
|15 | Hardy | Grant writing strategies |
|16 | All  | Student presentations of a draft research proposal  
(finals week) |

**Grading:**

The emphasis in this course will be on practical assignments to help the student become proficient at conducting research, publishing the results, and writing fundable proposals. There will be three assignments during the semester. Each assignment will count 25% toward the final grade. Assignments must be handed in or presentations made by a due date given at the first of the term except in the case of an excused absence. The remaining 25% of the final grade will be based on class participation.

The grading standards employed are listed below and students who perform in these ranges will be guaranteed to receive the indicated grades. Depending on the performance of the class as a whole, curving may take place:
A: 90-100%
B: 80-89%
C: 70-79%
E: below 70%

Exams:
There will not be any exams in the course.

Course material:
There is no specific text book required for the course. The lecturers will refer students to material available in the medical center library or on the internet. Students will be responsible for all information provided during the course unless told otherwise. The lecturer’s notes or presentation may be made available electronically.

Consultation with Lecturers / Office hours:
Contact information for the lecturers is listed on the syllabus and the lecturers are generally available for questions. If you wish to discuss the course with one of the lecturers it is advised to schedule an appointment.

Make-up Policy
If needed, one presentation may be made-up in the event a student has an excused absence. The instructor must be notified of anticipated absences in advance.

Student Learning Outcomes

- The student will be able to identify problems, formulate new hypothesis about their cause and solve them through research in order to contribute new ideas and knowledge to the field of medical physics.
- The students will be able to communicate technical concepts in medical physics both orally and in writing

Excused Absences
Students need to notify the professor of absences prior to class when possible. Senate Rules 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or
death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud (859-257-3737, http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php.

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

Per Senate Rule 5.2.4.2, students missing any graded work due to an excused absence are responsible: for informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

Verification of Absences
Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness, or death in the family. Appropriate notification of absences due to University-related trips is required prior to the absence when feasible and in no case more than one week after the absence.

Academic Integrity
Per University policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the University may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: http://www.uky.edu/Ombud. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Senate Rules 6.3.1 (see http://www.uky.edu/Faculty/Senate/ for the current set of Senate Rules) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording, or content from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.
Plagiarism includes reproducing someone else's work (including, but not limited to a published article, a book, a website, computer code, or a paper from a friend) without clear attribution. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work, which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.

When a student's assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content, and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas, which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability
If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at drc@uky.edu. Their web address is http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/.

Unexcused Absences
Any unexcused absence may result in a lower final grade
Syllabus for RAS 711 Research Methods in Medical Physics

This course will introduce the student to, and give them practical experience in, writing research proposals, research reports and carrying out research work. The course will be jointly taught by various medical physics faculty and guest lecturers. Students will be asked to present their own work to be critiqued by the class. The goal is to give the student a hands-on experience of what is involved in doing funded clinical research on human subjects and getting it published in an academic journal.

1 credit hour

Meeting times: TBD

Lecturers
Peter Hardy, Ph.D, Radiology, peter.hardy@uky.edu, Phone: 323-2703, pager: 330-0185

Janelle Molloy, Ph.D., Radiation Medicine, Phone: 257-7612

Wei Luo, Ph.D. Radiation Medicine, Phone: 323-4768

<table>
<thead>
<tr>
<th>Week</th>
<th>Lecturer</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Molloy</td>
<td>Introduction to research – difference between science and development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part I: reporting the results of research</td>
</tr>
<tr>
<td>2</td>
<td>Luo</td>
<td>Writing a research paper</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discussion of the components of a typical research paper: Abstract, Introduction, Methods and Materials, Results, Discussion, Conclusions, writing style</td>
</tr>
<tr>
<td>3</td>
<td>Luo</td>
<td>Selecting a journal, Authorship concerns; Journal style, citing other work, Bibliographic managers, copyright</td>
</tr>
<tr>
<td>4</td>
<td>Luo</td>
<td>Oral presentations. What makes a good presentation; characteristics of brain friendly slides.</td>
</tr>
<tr>
<td>5</td>
<td>Luo</td>
<td>Student presentations of a draft research paper.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part II: conducting research</td>
</tr>
<tr>
<td>6</td>
<td>Hardy</td>
<td>Research methods Quantitative, Qualitative, Epidemiological</td>
</tr>
<tr>
<td>7</td>
<td>Hardy</td>
<td>Study design, power analysis</td>
</tr>
<tr>
<td></td>
<td>Controls and variables</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>------------------------</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Luo</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Good Research Practices</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Data records</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Equipment calibration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Quality control</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Archiving results</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Hardy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research ethics:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Human subjects protection;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Institutional review;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Conflict of interest;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FDA</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Hardy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review of results</td>
<td></td>
</tr>
<tr>
<td></td>
<td>statistical techniques to analyze data</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>All</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Student presentations of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Part III: The research proposal</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Hardy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review and appraisal of the literature</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Hardy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hypothesis generation and testing</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Hardy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research Funding</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Identifying a funding agency</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Budgets, selecting and involving co-investigators</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Hardy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grant writing strategies</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>All</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Student presentations of a draft research proposal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(finals week)</td>
<td></td>
</tr>
</tbody>
</table>

**Grading:**

The emphasis in this course will be on practical assignments to help the student become proficient at conducting research, publishing the results, and writing fundable proposals. There will be three assignments during the semester. Each assignment will count 25% toward the final grade. Assignments must be handed it or presentations made by a due date given at the first of the term except in the case of an excused absence. The remaining 25% of the final grade will be based on class participation.

**Exams:**

There will not be any exams in the course.

**Course material:**
There is no specific text book required for the course. The lecturers will refer students to material available in the medical center library or on the internet. Students will be responsible for all information provided during the course unless told otherwise. The lecturer’s notes or presentation may be made available electronically.

Consultation with Lecturers / Office hours:

Contact information for the lecturers is listed on the syllabus and the lecturers are generally available for questions. If you wish to discuss the course with one of the lecturers it is advised to schedule an appointment.

Make-up Policy
If needed, one presentation may be made-up in the event a student has an excused absence. The instructor must be notified of anticipated absences in advance.

Student Learning Outcomes

- The student will be able to identify problems, formulate new hypothesis about their cause and solve them through research in order to contribute new ideas and knowledge to the field of medical physics.
- The students will be able to communicate technical concepts in medical physics both orally and in writing

Excused Absences
Students need to notify the professor of absences prior to class when possible. Senate Rules 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Two weeks prior to the absence is reasonable, but should not be given any later. Information regarding major religious holidays may be obtained through the Ombud (859-257-3737, http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

Per Senate Rule 5.2.4.2, students missing any graded work due to an excused absence are responsible for informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is
required); and for making up the missed work. The professor must give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

**Verification of Absences**
Students may be asked to verify their absences in order for them to be considered excused. *Senate Rule 5.2.4.2* states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness, or death in the family. Appropriate notification of absences due to University-related trips is required prior to the absence when feasible and in no case more than one week after the absence.

**Academic Integrity**
Per University policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the University may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: [http://www.uky.edu/Ombud](http://www.uky.edu/Ombud). A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

*Senate Rules 6.3.1* (see [http://www.uky.edu/Faculty/Senate/](http://www.uky.edu/Faculty/Senate/) for the current set of Senate Rules) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording, or content from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

Plagiarism includes reproducing someone else's work (including, but not limited to a published article, a book, a website, computer code, or a paper from a friend) without clear attribution. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work, which a student submits as his/her own, whoever that other person may be. Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone.
When a student’s assignment involves research in outside sources or information, the student must carefully acknowledge exactly what, where and how he/she has employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content, and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas, which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

**Accommodations due to disability**

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at drc@uky.edu. Their web address is [http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/](http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/).