

Assessment: Course Four Column



Courses (SCI) - Natural Res and Env Sci

NRES 432:Advanced Environmental Toxicology

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Concepts of toxicology of organic and inorganic chemicals, and have a basic understanding of the risk - Students will be able to demonstrate understanding of the concepts of toxicology of organic and inorganic chemicals, and have a basic understanding of the risk of these substances to humans and other organisms.</p> <p>Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Exam - Lecture exam, quizzes, presentation Criterion: Quizzes 1 , 2 & 3 Homework - 1 & 2 Presentation Exam - 1</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Quiz 1,2 & 3 High average – 9.3/10 Median – 7.5/10 low – 4.6/10</p> <p>Homework – 1 – Good</p> <p>Presentation – Good</p> <p>Exam – 1 High -90/100 Median – 76/100 Low – 57/100 (02/05/2019)</p>	<p>Action: Would like to continue this pattern of study for the first 1/3rd part of the class.</p> <p>Homework – 1 – students did well because I had explained the concept in the class for probit analysis and had also posted video for the same.</p> <p>Presentation – most of the students were able to demonstrate the basic understanding of toxicology class. Class average for Exam -1 was 76, which is a good average for upper level class. (02/05/2019)</p>
<p>Mechanisms of exposure of humans and other living systems to those chemicals - Students will be able to demonstrate understanding of the mechanisms of exposure of humans and other living systems to those chemicals and ultimately to understand how we can estimate risks associated with that exposure.</p> <p>Course Outcome Status: Active</p>	<p>Exam - Lecture exam, quizzes, Essay Criterion: Quiz 4 & 5 Homework – 3&4 Exam - 2</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Quiz 4 & 5 High – 9/10 Median – 6.25/10 Low – 4.5/10</p> <p>Homework – 4 High – 10/10 Median – 9.5/10</p>	<p>Action: Need to add more environmental toxicants examples. (02/05/2019)</p>

Course Outcomes	Assessment Measures	Results	Actions
<p>Next Assessment: 2022-2023</p>		<p>Exam - 2 High – 92/100 Median – 70/100 Low – 51/100 (02/05/2019)</p>	
<p>Students will be able Quantitative natures in these assessments and be able to make independent assessments of relative risk to the different chemical threats in the environment - Students will be able to demonstrate understanding of the quantitative natures in these assessments and be able to make independent assessments of relative risk to the different chemical threats in the environment</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2022-2023</p>	<p>Exam - Lecture exam, quizzes, essays (short paper) Criterion: Lecture exam – 3 – take home assignment (toxicological events) Quiz 6 , 7 & 8 –</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Quiz 6, 7 & 8 High – 8.25/10 Median – 6/10 Low – 0.5/10</p> <p>Exam – 3 48/50 Short paper Average – 50/50 (02/06/2019)</p>	<p>Action: I had uploaded student’s short papers and take home exam essay on webcampus for the benefit of other students. (02/06/2019)</p> <p>Follow-Up: Since I was teaching this class for the first time there are few things which I would like to do differently next time. First of all I would like to get rid of the textbook and add more research papers. I will also start asking students to do research paper presentations along with their toxicological presentations and include points during student presentation for asking relevant questions. I found that when students are presenting some of the students are busy in doing their homework for other classes or preparing for their quizzes which is rude to the presenter and it also creates lack of interest in the presentation topic. Hence I am going to include points for asking relevant questions for my next NRES 432 class. (02/06/2019)</p>