

## 98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	高等微生物研究法	Serial No. / ID	2419 / BDR5043
Dept.	生物產業科技學系博士班	School System / Class	研究所博士班1年1班
Lecturer	徐泰浩	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(六)345 /	Language	Chinese

Introduction
<p>“ Microbial research methods ” course mainly provides to graduate students for studying and analyzing the research methods regarding microbiology published in journal paper. The journal characteristics and cover topics in the different fields will be emphasized to enable students learning interest in specific issue by demonstrating the information to authors. A peer-reviewed, published scientific technical paper will be assigned for the entire class to read. Every member of the class will submit a 1-page synopsis that describes stated goal of the research, the hypothesis or question that is being addressed, the results that support or refute the hypothesis or answer the question, and the significance and broader impacts of the results. One student will be selected to lead a discussion on these aspects of the publication. Students assigned to lead the discussion will be graded on how well prepared they are to lead the discussion and how successfully they engage other members of the class in discussion. Each student in the class will be graded on their contribution to the discussion.</p>

Outline
<ol style="list-style-type: none"> <li>1. Paper discussion-published in Advances in Applied Microbiology</li> <li>2. Paper discussion-published in Applied and Environmental Microbiology</li> <li>3. Paper discussion-published in Applied Biochemistry and Microbiology</li> <li>4. Paper discussion-published in Applied Microbiology</li> <li>5. Paper discussion-published in Applied Microbiology and Biotechnology</li> <li>6. Paper discussion-published in Archives of Microbiology</li> <li>7. Paper discussion-published in Bioresource Technology</li> <li>8. Paper discussion-published in Biotechnology and Bioengineering</li> <li>9. Paper discussion-published in Biotechnology Letters</li> <li>10. Paper discussion-published in Biotechnology Techniques</li> <li>11. Paper discussion-published in Current Microbiology</li> <li>12. Paper discussion-published in Developments in Industrial Microbiology</li> <li>13. Paper discussion-published in Enzyme and Microbial Technology</li> <li>14. Paper discussion-published in Journal of Fermentation and Bioengineering</li> <li>15. Paper discussion-published in Journal of Fermentation Technology</li> <li>16. Paper discussion-published in Journal of Industrial Microbiology and Biotechnology</li> <li>17. Paper discussion-published in Journal of Microbiological Methods</li> <li>18. Paper discussion-published in Process Biochemistry</li> </ol>

Prerequisite

General Microbiology