Syllabus: EDUC 339 (Biology, Chemistry, & Physics)¹
Secondary Science Education: Student Teaching Clearance
Fall 2014

Instructor: Dr. L. M. Barden-Gabbei
Office: 374 Waggoner Hall
Phone: (309) 298-1546/1679
Fax: (309) 298-2270

Important Web Links: Science Teaching Center, Department of Biological Sciences, Science Learning Center

Class: Section 001: Tuesday 7:7:50pm in WG 374 (0 credit hours – Satisfactory/Unsatisfactory course)
Office Hours: Tuesday 9-10am; Wednesday 9:00-11:00am; Thursday 1-2pm; and by appointment

STATE ACCREDITATION POLICY INFORMATION:
“In accordance with Illinois State Board of Education certification rules, all candidates seeking teacher certification are required by Western Illinois University to obtain a grade of “C” or better in all directed general education course, all core courses, and all courses in the option. Note: A “C-” is below a “C”.”

TPEP Vision and Mission Statements

TPEP vision statement: “Our graduates will be empowered educational professionals deeply committed to continuous learning and the empowerment of all learners.”

TPEP mission statement: “The WIU Teacher and Professional Education Program empowers candidates to become educational practitioners who engage in informed action that is grounded in knowledge and reflection; who are deeply committed to the highest standards of professional practice; who are able to adapt to emerging social, economic, and cultural landscapes; who are skilled in the use of technological tools that promote teaching and learning; and who are committed to empowering all learners.”

¹ The complete syllabus can be found on the WesternOnline site for this course.
The logo above is a summary of what you are expected to become as a professional and embodies the Vision, Mission, Values, and Conceptual Framework upon which the Teacher Education Program is designed.

For more information about the Mission, Vision, Values, and Conceptual Framework for the Teacher Education Program and the Expectations of our Candidates, see the following web sites:

http://www.wiu.edu/coehs/tpep/ (Teacher and Professional Education Program)
http://www.wiu.edu/coehs/cpep/ (Center for the Preparation of Educational Professionals)

**COURSE OVERVIEW**

Students pursuing teacher licensure are required to take this course prior to their student teaching semester. Students must meet established criteria for departmental clearance to student teach. *Prerequisites: Full admittance to the Teacher Education Program (TEP). Graded S/U.*

**COURSE GOALS**

This course gives candidates majoring in Biology, Chemistry, or Physics (Teacher Licensure options) an opportunity to complete Teacher Education Program requirements.

As the result of the course, the candidate will demonstrate their readiness to student teach by successfully completing:

1. Their portfolio showing that they have working knowledge of science concepts included in the portfolio
2. The portions of the portfolio related to IPTS Standard 1, 3O, 8I, and 8S;
3. The portions of the portfolio related to professional development – Membership in a professional organization, documents showing attendance at professional meetings and other professional experiences;
4. The State Content Exam for their primary discipline;
5. The required GPA and C or above in all content and ed courses;
6. The Background Check;
7. The TB Test;
8. The ELL Modules (effective Fall 2013, these must be satisfactorily completed for TEP acceptance);
9. The State Mandated Reporter Training;
10. The first two Disposition Checks
11. Membership in a professional organization;
12. Updated Resume which includes all professional accomplishments and activities; and
13. Any remediation plans put in place by the Program or Unit.

**STATE and NATIONAL STANDARDS**

**NCATE Assessments with Corresponding NSTA SPA Science Teacher Preparation Standards**


<table>
<thead>
<tr>
<th>NCATE/NSTA Assessment</th>
<th>NSTA SPA Standards</th>
<th>Local Assessment Name</th>
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</thead>
<tbody>
<tr>
<td>Assessment 1: Content Knowledge</td>
<td>2012 NSTA Standard 1</td>
<td>State Content Exam</td>
</tr>
<tr>
<td>Assessment 2: Content Pedagogy</td>
<td>2012 NSTA Standard 2</td>
<td>GPA, Portfolio</td>
</tr>
<tr>
<td>Assessment 6: Professional Knowledge and Skills</td>
<td>2012 NSTA Standard 6</td>
<td>Membership in Professional Organization;</td>
</tr>
</tbody>
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Illinois Professional Teaching Standards: 2010 Version
(http://www.isbe.state.il.us/PEAC/pdf/IL_prof_teaching_stds.pdf)

<table>
<thead>
<tr>
<th>ISBE- the 9 New IPTS Standards</th>
<th>Local Assessment Names</th>
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</thead>
<tbody>
<tr>
<td>Standard 1: Teaching Diverse Learners</td>
<td>ELL Portfolio Entries</td>
</tr>
<tr>
<td>Standard 2: Content Area and Pedagogical Knowledge</td>
<td>ELL Portfolio Entries Content Exam GPA</td>
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<tr>
<td>Standard 3: Planning for Differentiated Instruction</td>
<td>ELL Portfolio Entries</td>
</tr>
<tr>
<td>Standard 4: Learning Environment</td>
<td>ELL</td>
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<tr>
<td>Standard 5: Instructional Delivery</td>
<td>ELL</td>
</tr>
<tr>
<td>Standard 6: Reading, Writing, and Oral Communication</td>
<td>ELL</td>
</tr>
<tr>
<td>Standard 7: Assessment</td>
<td>ELL</td>
</tr>
<tr>
<td>Standard 8: Collaborative Relationships</td>
<td>Portfolio Entries</td>
</tr>
</tbody>
</table>

TEXTBOOKS

**Required Books:**

**Optional Books:**

UNIVERSITY AND DEPARTMENT POLICY INFORMATION:
Below are several websites that address various University and Department Policies. You are responsible for being familiar with the information (including required forms, definitions, and timelines) contained therein. You should access these web sites and carefully read the information they contain, your instructors will hold you responsible for knowing this information. If you have questions about any of the information contained in the web sites, ask your instructor:
PROFESSIONAL EXPECTATIONS, COURSE POLICIES, and DISPOSITIONS for the Teacher Certification Program

“The University Teacher Education Committee at Western Illinois University believes that well prepared teacher candidates understand and can demonstrate knowledge of professional skills and dispositions. We further believe that teacher candidates must apply their knowledge skills and dispositions in school settings. The mission of Western Illinois University’s Teacher Education Program is to prepare versatile teachers who appreciate the importance of our diverse population; who adapt to emerging social, economic, and demographic patterns; and who are skilled in the use of technological tools to promote teaching and learning in our nation’s schools. We further believe that the disposition of our candidates is important for their success as a teacher and a professional.

Candidates are evaluated on the following dispositions at three points in their program, EIS 302, methods course [Biol 481], and student teaching. The assessment is completed by faculty and/or mentor teachers on WEPPAS.”

The WIU Teacher Education Program Dispositions include the following categories:

- Collaboration
- Honesty and Integrity
- Respect
- Commitment to Learning
- Emotional Maturity
- Responsibility
- Fairness
- Belief that All Students Can Learn

For more information about the WIU Teacher Education Program Dispositions, please see the following web site: http://www.wiu.edu/coehs/cpep/tep/dispositions.php

This is a professional course and as such you will be expected to learn and exemplify the TPEP Dispositions. Your exhibition of these dispositions may impact grades on projects and assignments as well as your professional development grade.

Attendance/Conduct: Since this is a professional course, you are expected to be present, on time, and prepared for each class session as you would expect to be for your own classroom.

Assignments: You are expected to submit all assignments in final form on the specified due dates. All work is to be typed and is to follow the accepted rules of English grammar and style (use the APA manual for your guide). Any extended prose should be double-spaced (e.g. student interview reports), and the font should be no smaller than that used here (typically 11 to 12 point but that does vary by font type). The final product should be able to be read without modification and should be submitted via WesternOnline unless otherwise noted. All assignments will be due no later than 8AM on the specified due date unless otherwise noted.

Academic Honesty: Remember, any work you sign your name to will be considered your original work unless you specify otherwise. Failure to properly cite a source that you used to assist you in completing your work
(including lesson plans) is considered a form of plagiarism, including failure to cite your textbook, a web site, a personal communication, etc.

**Academic Dishonesty:** The faculty of the Department of Biological Sciences ascribes to a definition of plagiarism as expressed by V. E. McMillan in *Writing Papers in the Biological Sciences* (Bedford/St. Martin’s Press, New York, pg. 16).

“Plagiarism is the theft of someone else’s words, work, or ideas. It includes such acts as (1) turning in a friend’s paper and saying it is yours; (2) using another data or ideas without acknowledgement; (3) copying an author’s exact words and putting them in your paper without quotation marks; and (4) using wording that is very similar to that of the original source but passing it off as entirely your own even while acknowledging the source.”

This includes information in textbooks, lab manuals, honors and masters theses, web sites, all writing assignments, and images. The faculty of the Department attempt to monitor candidate writing assignments (essay exams, papers, laboratory reports, and other writing assignments and exercises) for incidence of plagiarism.

If plagiarism or any other form of academic dishonesty (e.g. using someone else’s lessons, cheating, copying information from any source including a web site without giving credit, etc) is found, the faculty will discuss the situation with the candidate and indicate to the candidate the penalty for this academic dishonesty. Potential penalties include those cited in the academic dishonesty section of the WIU web page for Student Rights and Responsibilities: [http://www.wiu.edu/policies/acintegrity.php](http://www.wiu.edu/policies/acintegrity.php)

**Students with Disabilities:** “In accordance with University policy and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. For the instructor to provide the proper accommodation(s) you must obtain documentation of the need for an accommodation through Disability Resource Center (DRC) and provide it to the instructor. It is imperative that you take the initiative to bring such needs to the instructor's attention, as he/she is not legally permitted to inquire about such particular needs of students. Students who may require special assistance in emergency evacuations (i.e. fire, tornado, etc.) should contact the instructor as to the most appropriate procedures to follow in such an emergency. Contact Disability Resource Center (DRC) at 298-2512 for additional services.”

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**COURSE ACTIVITIES AND EVALUATION**

You are to complete the following list of items in order to be receive program approval to be accepted to the Teacher Education Program (TEP).

- Content Portfolio Entries
- Portfolio Entries for IPTS Standard 1, 3O, 8I, and 8S;
- Portfolio – Professional Entries
- State Content Exam;
- GPA and C or above in all content and ed courses;
- Background Check;
- TB Test;
- ELL Modules;
- State Mandated Reporter Training;
- First two Disposition Checks; and
- Any remediation plans but in place by the Program or Unit
Course Due Dates and Timelines

Because teacher candidates taking this course are at several different stages in completion of the course requirements, due dates will be individualized. However, candidates should consider the following guidelines as they work toward developing their plan for completion. Each candidate is required to meet with the instructor to finalize dates given their specific situation.

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Due Date &amp; Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content Portfolio Entries</td>
<td>See Portfolio Guidelines for requirements for each type of content standard. Some of these are related to your coursework, others to quizzes and projects in Biol 481 and Biol/Chem/Phys 482. You should work toward completing each entry within 2 weeks of receiving your grade on the assignment.</td>
</tr>
<tr>
<td>Portfolio Entries for Standard 1A, 1D, 1E, 1F, 1H, 1J, and 1L.</td>
<td>This portion of the portfolio will required artifacts from one or more of the following: EIS 202, EIS 301, SpEd 210/310, SpEd 390, EIS 303, and/or EIS 304. These should be completed as early in the semester as possible for courses you have already completed.</td>
</tr>
<tr>
<td>Professional Resume (updated since STCH application) with copies of certificates</td>
<td>Put together a professional resume with documents demonstrating active membership in professional organizations (at least 2 memberships with at least one over 2 years) and participation in professional activities (include certificates when available).</td>
</tr>
<tr>
<td>State Content Exam</td>
<td>This should be taken as late in the semester as possible. You should submit to your instructor a plan for preparation for the exam prior to the second class meeting. You will receive an incomplete in this course if your scores come in after the deadline or if you must retake the exam in the summer months.</td>
</tr>
<tr>
<td>Major and Overall GPA adequate</td>
<td>If GPA is not met, work with instructor on remediation plan if necessary. Due dates set on an individual basis.</td>
</tr>
<tr>
<td>C or Above in All Required Coursework (Teacher Ed and Content Courses)</td>
<td>See instructor for plan regarding any repeats required.</td>
</tr>
<tr>
<td>Remediation Plans</td>
<td>See instructor for any remediation plans and timelines if required.</td>
</tr>
<tr>
<td>ELL Modules</td>
<td>Effective Fall 2013, this is a program requirement for TEP acceptance.</td>
</tr>
<tr>
<td>Background Check</td>
<td>This must be completed prior to Student Teaching. Dates provided by COEHS and CPEP. See Angi</td>
</tr>
<tr>
<td>State Mandated Reporter Training</td>
<td>Completed Online. Provide electronic copy of the certificate.</td>
</tr>
<tr>
<td>TB test</td>
<td>Completed at Beu or Health Care facility. Dates provided by COEHS and CPEP. See Angi</td>
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</tbody>
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Grade Distribution for Undergraduates (+/- system) and Graduates (without +/- system)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td>S</td>
<td>Student Teaching Clearance approved</td>
</tr>
<tr>
<td>U</td>
<td>Student Teaching Clearance not approved</td>
</tr>
</tbody>
</table>