Instructor Information
Dr. R. James Breunlin, NBCT
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Office hours: Lewis Tower 1124 Wednesdays 11:00 to 1:00 or by appointment

Module Information
Dates: January 13 – February 7, 2013
Days: Tuesdays & Thursdays
Times: 8:15 – 12:45
On-Campus Location: Mundelein 621
School-Site Location: Senn High School

Module Readings
- NCTM Standards (paper or electronic version) (provided by the professor)
- *Common Core State Standards for Mathematics* (provided by the professor)

Module Description
Teacher candidates further develop their understanding and application of designing instruction in an area of specialization. Teacher candidates observe classrooms that utilize UbD and interview a cooperating teacher educator about his/her use of UbD as a framework for teaching. Candidates focus on connecting content to students’ lives and interview two to three students to ascertain how they make meaning out of content in connection with their lives. Teacher candidates then observe how teachers include reading, writing, listening, speaking, and viewing in their instruction of content and how they
differentiate instruction using suggested strategies in the UDL Guidelines Checklist. Teacher candidates co-plan with cooperating teacher educators to develop a five-lesson content area unit and pre-, formative, and post-assessments to assist in better understanding student learning and the strengths and weaknesses of the instructional strategies chosen. Making adjustments to instruction based on pre- and formative assessments, teacher candidates implement the five-lesson content area unit with the cooperating teacher educator. Candidates administer the post-assessment and analyze the data to understand the teaching and learning of the specific content. Finally, teacher candidates administer a short survey to get student feedback on the series of lessons, including what worked well, what could have been improved, and what suggestions they have for future lessons, and they identify research articles to assist them in strengthening their areas for growth.

**Module Goals**

**Essential Questions:**
- How does backward design facilitate deep learning of content and skills?
- How do students most effectively acquire skills within a specific content area?
- How can the use of data facilitate students’ acquisition of content and skills?
- How do students utilize technology to support and deepen their learning in a particular content area?
- How do students use their literacy skills to acquire knowledge and skills within a content area?
- How do students become actively engaged in learning and self-assessment?

As a part of this module, candidates will understand that effective educators:
- use research and evidence-based practices to design instruction that includes the alignment of goals, objectives, assessments and instructional strategies to meet the individual needs of students.
- use data to drive instruction and assess teaching and learning effectiveness.
- apply deep understanding of both content and pedagogy to provide developmentally appropriate instruction to all students.
- explicitly integrate the teaching of reading, writing, communication and technology across content areas.

As a part of this module, candidates will:
- Incorporate research and evidence-based practices into the design of instruction (e.g. UbD, IB, SIOP and UDL). (5S; 9A) (IB)
- Use standards-based curriculum maps (e.g. UbD) to design units and lessons to meet the needs of diverse learners. (3Q; 3I) (IB)
- Design a standards-based instructional unit that uses backward design (e.g. UbD) to align objectives with assessments and instructional practices based on high expectations for each student’s learning and behavior. (3H; 3I) (IB)
- Select relevant instructional content, materials, resources and strategies for differentiated and universally designed instruction. (3Q; 5O) (IB)
- Use assessment strategies and devices that are nondiscriminatory, and take into consideration the impact of disabilities, methods of communication, cultural background, and primary language on measuring knowledge and performance of students. (7R) (IB)
- Use data to differentiate assessments to meet the needs of diverse learners. (1H; 3J; 5P) (IB)
• Monitors and adjusts strategies in response to qualitative feedback from students and student performance. (3M; 5J; 5P) (IB)
• analyze and use student information to design instruction that meets the diverse needs of students and leads to ongoing growth and achievement (1H) (IB)
• use data to plan for differentiated instruction to allow for variations in individual learning needs (3J) (IB)
• make data-driven decisions using assessment results to adjust practices to meet the needs of each student (5P) (IB)
• use assessment data, student work samples, and observations from continuous monitoring of student progress to plan and evaluate effective content area reading, writing, and oral communication instruction (6H)
• Utilize a variety of technological tools and skills to support literacy instruction and personal communication skills, including but not limited to computers, cameras, interactive web sites, blogs, online research. (2F; 2L; 2O; 5N; 5O; 9S; 9T)

IDEA Objectives:
• Gaining factual knowledge (methods)
• Learning to apply course materials
• Developing specific skills, competencies, and points of view needed by professionals in the field

Dispositions Assessment:
Each course in the School of Education focuses on one or more professional dispositions. Students are offered opportunities to receive feedback on their dispositional growth in the areas of professionalism, fairness and/or the belief that all students can learn. The specific disposition or dispositions for each course are listed on this syllabus and the descriptions for the expected behaviors for the disposition(s) can be found on the rubric posted in LiveText for this course.

• participating in ongoing professional development, reading, and research in order to deepen their knowledge and expand their repertoire of skills. (9O) (IB)
• valuing and utilizing the unique identities and backgrounds of all students, families and communities as essential assets in learning environments. (9L, 9N) (IB)
• implementing proactive and preventive practices that represents an understanding that student behavior is shaped by complex environmental factors. (4D)
• demonstrating that his/her personal and professional expectations and capacities influence the motivation, positive learning results and achievement of students. (4D)

Grading Policy & Scale:
The final grade is based upon the completion of course requirements, as weighted above and following this scale:

93% - 100% A
90% - 92% A-
87% - 89% B+
Attendance:

- Arrive promptly and maintain excellent attendance records. Candidates are expected to attend every module session for the scheduled duration as to maintain consistency for students and school professionals. Ask your professor and classroom teacher(s) how they wish to be contacted regarding any special circumstances. Make arrangements and notify everyone involved before a scheduled absence.
- Inform your professor and classroom teacher(s) ahead of time – by phone message or email if possible if you must be absent. If there is an emergency, contact your professor as soon as reasonably possible afterward. After missing a day of the module, it is necessary to contact your professor.
- Late assignments are penalized 50%. An assignment is considered late if it is not submitted by the end of the class session on the due date (do not work on assignments during class). Exceptions to this policy are rare and are for extreme cases supported by documentation such as a doctor’s note.

Module Assignments

- **Module Participation: 10% of final grade**
  
  Candidates are expected to attend all classes, demonstrate a professional attitude and demeanor, arrive promptly to learning sites, come prepared for class with assignments and required class materials, contribute constructively to the class, integrate readings into class assignments and activities, listen respectively and incorporate and build from others’ ideas. Participation will make up 20% of your final grade for this course and be determined using the following common rubric.

Professional Attitude and Demeanor Part I

- 4-Always prompt and regularly attend classes.
- 3-Rarely late to class and regularly attend classes (No more than 1 absence).
- 2-Sometimes late to class and regularly attend classes. (No more than 2 absences).
- 0-Often late to class and/or poor attendance of classes (More than 2 absences).

Professional Attitude and Demeanor Part II

- 4-Always prepared for class with assignments and required class materials.
- 3-Rarely unprepared for class with assignments and required class materials.
- 2-Often unprepared for class with assignments and required class materials.
- 0-Rarely prepared for class with assignments and required class materials.

Level of Engagement in Class

- 4-Always a willing participant. Contributes by offering ideas and asking questions each class in small groups and the whole class.
- 3-Often a willing participant. Contributes by offering ideas and asking questions each class in small groups or the whole class.
- 2-Rarely a willing participant. Rarely contributes to class by offering ideas or asking questions.
- 0-Never a willing participant. Never contributes to class by offering ideas or asking questions.

Integration of Readings into Classroom Participation
4-Often cite from readings; use readings to support points.
3-Occasionally cite from readings; sometimes use readings to support points.
2-Rarely cite from readings; rarely use readings to support points.
0-Never cite from readings; do not use readings to support points.

**Listening Skills**

4-Listen when others talk, both in groups and in class. Incorporate or build off of the ideas of others.
3-Listen when others talk, both in groups and in class.
2-Rarely listen when others talk, both in groups and in class.
0-Does not listen or interrupt when others talk, both in groups and in class.

**Content-Specific, Standards-Aligned Curriculum Unit: 30% of final grade**

- Candidates, with the support of their cooperating teacher, will develop and co-teach a standards-based unit using the Understanding by Design framework. This UbD unit will include, at minimum, five content-specific, literacy-focused lesson plans. The lesson plans must include instruction in reading, writing, listening, speaking, and/or viewing within a content area. Candidates must also provide evidence of the effective use of technology, suitable to instructional goals and to enhance teaching and learning.

**Assessment Plan Analysis and Reflection Essay: 30% of final grade**

- As part of the Curriculum Unit listed above, candidates will design pre, formative, and post assessments. While implementing the unit, candidates, through a written log, will identify strengths and weaknesses in instruction, utilizing technology to analyze the on-going assessment data. Candidates, as evidenced in their written log, will use and reflect on the use of the core principles of Universal Design for Learning (UDL) to differentiate instruction and assessment based on formative assessment data. Candidates will then reflect, formally, in writing, on the instruction after analysis of the data and identify up to three research-based studies that could be used to inform instruction in future teaching.

**Understanding by Design Essay: 20% of final grade**

- While at their school site, candidates will choose one classroom on which to focus for this essay. Candidates will observe and interact with various aspects of this classroom using a “teaching for understanding" lens. What does "teaching for understanding" look like? What would we expect to see in an Understanding by Design classroom? During their time in classrooms, candidates will use the “Indicators of Teaching for Understanding," logging evidence of UbD indicators. In preparation for writing the essay, candidates will interview their cooperating teacher about their use of backward design as a framework for teaching.

**Summative Assessment (done during PLC) 10% of final Grade**
# Senn High School Bell Schedule

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<thead>
<tr>
<th>Period</th>
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<td>1</td>
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- Candidates should expect to arrive by 8:30
- Candidates will be released no later than 12:23
- When at Senn we will follow the schedule of: with Dr. B in room 343West 8:30 to 9:51 then with the classroom teacher periods 3, 4, 5, and meeting with

## Teacher Assignments:

**Mike and Connie** will be with [Lidia Paredes](mailto:lparedes4@cps.edu) who teaches 3\textsuperscript{rd}-4\textsuperscript{th} double period Algebra 1 for students below grade level, 5\textsuperscript{th} period Honors Algebra

**Kevin** will be with [Erica Mortensen](mailto:ejmortensen@cps.edu) who teaches Soph Geometry periods 3-5
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<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Reading Assigned</th>
<th>Assignment</th>
<th>Candidate Activity with Cooperating Teacher</th>
<th>Location</th>
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<tbody>
<tr>
<td>January 14</td>
<td>Introduction to Senn HS, Cooperating Teachers, and course expectations</td>
<td>Tuesday: Wiggins and McTighe: Intro, Modules A-C</td>
<td>TBA</td>
<td>Meet Cooperating Teacher</td>
<td>Senn High School</td>
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<td>January 16</td>
<td>Understanding by Design</td>
<td>Thursday: Wiggins and McTighe: Modules D-H</td>
<td>TBA</td>
<td>Observe content area classrooms</td>
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<td>Assist with individual and small group</td>
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<td>Determine Unit taught March 11th</td>
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<td>January 21</td>
<td>Understanding by Design</td>
<td>Tuesday: Hall Chapters 1-3</td>
<td>Unit Design</td>
<td>Assist with individual and small group</td>
<td>Senn High School</td>
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<td>Stiggins: Assessment Through the students' eyes</td>
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<td>Lead ACT prep</td>
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<td>January 23</td>
<td>Understanding by Design</td>
<td>Thursday: Hall Chapters 4, 6, 9, 10</td>
<td>Assessment Design</td>
<td>Assist with individual and small group</td>
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<td>Universal Design for Teaching</td>
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<td>January 28</td>
<td>Assessment Practices</td>
<td>Lesson Plans</td>
<td>Senn High School</td>
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<td>January 30</td>
<td>Assessment Practices</td>
<td>Lesson Plans</td>
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<td>Interview content area teacher</td>
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<td>February 4</td>
<td>Mathematics Specific Pedagogy</td>
<td>UbD Essay</td>
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<td>Lead ACT prep</td>
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<td>February 6</td>
<td>Mathematics Specific Pedagogy</td>
<td>Unit Due</td>
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<td>UbD Essay Due</td>
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School of Education Policies and Information

Conceptual Framework Standards
The School of Education at Loyola University Chicago, a Jesuit and Catholic urban university, supports the Jesuit ideal of knowledge in the service of humanity. We endeavor to advance professional education in the service of social justice, engaged with Chicago, the nation, and the world. To achieve this vision the School of Education participates in the discovery, development, demonstration, and dissemination of professional knowledge and practice within a context of ethics, service to others, and social justice. We fulfill this mission by preparing professionals to serve as teachers, administrators, psychologists, and researchers; by conducting research on issues of professional practice and social justice; and by partnering with schools and community agencies to enhance life-long learning in the Chicago area.

Technology
Teacher candidates are expected to use technology in the preparation of their work for this module, but are also expected to incorporate it into their lessons that they prepare for students when appropriate. Candidates will likely use the resources available from the International Baccalaureate site: www.ibo.org. Some of the technologies they will use to manage their own learning will include Blackboard and LiveText.

Diversity
This module calls on candidates to meet the needs of diverse learners, as does the previous module (6.1), but also requires them to make diversity the substance of the content that they will teach. The unit that they develop with the cooperating teacher educator and their peers will be transdisciplinary or interdisciplinary and therefore will incorporate a diversity of content. In this way, Module 6.2 offers an opportunity to apply the candidates’ understanding of diversity on multiple levels.

University Policies and Information

Academic Honesty: Academic honesty is an expression of interpersonal justice, responsibility and care, applicable to Loyola University faculty, students, and staff, which demands that the pursuit of knowledge in the university community be carried out with sincerity and integrity. The School of Education’s Policy on Academic Integrity can be found at: http://www.luc.edu/education/academics_policies_integrity.shtml. For additional academic policies and procedures refer to: http://www.luc.edu/education/academics_policies_main.shtml

Accessibility: Students who have disabilities which they believe entitle them to accommodations under the Americans with Disabilities Act should register with the Services for Students with Disabilities (SSWD) office. To request accommodations, students must schedule an appointment with an SSWD coordinator. Students should contact SSWD at least four weeks before their first semester or term at Loyola. Returning students should schedule an appointment within the first two weeks of the semester or term. The University policy on accommodations and participation in courses is available at: http://www.luc.edu/sswd/
Harassment (Bias Reporting): It is unacceptable and a violation of university policy to harass, discriminate against or abuse any person because of his or her race, color, national origin, gender, sexual orientation, disability, religion, age or any other characteristic protected by applicable law. Such behavior threatens to destroy the environment of tolerance and mutual respect that must prevail for this university to fulfill its educational and health care mission. For this reason, every incident of harassment, discrimination or abuse undermines the aspirations and attacks the ideals of our community. The university qualifies these incidents as incidents of bias.

In order to uphold our mission of being Chicago's Jesuit Catholic University--a diverse community seeking God in all things and working to expand knowledge in the service of humanity through learning, justice and faith, any incident(s) of bias must be reported and appropriately addressed. Therefore, the Bias Response (BR) Team was created to assist members of the Loyola University Chicago community in bringing incidents of bias to the attention of the university. If you believe you are subject to such bias, you should notify the Bias Response Team at this link: http://webapps.luc.edu/biasreporting/