



**2018/2019**

**Professional Learning Course Catalog**

**ESOL Endorsement Courses  
Reading Endorsement Courses  
General Education Courses**

## ESOL Endorsement Courses

### Methods of Instruction of ELLs – 60 hours

#### Category I

No. ELL-ED-112 Grades K-12

The core principles of instruction include differentiation through applied strategy, design, re-design, and flexible teaching that uses student data: content, process, and product. Participants in this e-course will reinvent lessons using research-based, effective methods for differentiation geared specifically for ELLs. They'll have opportunities to re-purpose lesson plans, understand readiness versus ability, and capitalize on brain plasticity to engage students through intellect and creativity. Learning profiles, interest surveys, cognitive-friendly learning environments, tiered questioning and student "hooks" for rigorous learning application are some of the takeaways to this e-course. In addition, this course will take participants into deep realms of content area literacy methods and strategies to include text analysis in literary, non-fiction and technical text, reading comprehension, critical literacy, questioning strategies, and leveling of resources to differentiate for standards and second language learners' needs. Participants will learn about, become familiar and practice with the resources that determine text complexity and level libraries. Participants will learn to use running records and anecdotal data to analyze, evaluate, and plan for student needs. With a focus on expository writing geared for ELLs, participants will cull the writing and language standards for applicability to content-specific reading and writing in ELL instruction.

#### Course Outcomes:

- Create differentiated lessons through design and strategy focused on the language needs of ELLs.
- Design strategy for mixed-ability grouping and classroom environment.
- Use online and print tools for differentiation such as learning profiles, interest surveys and tiered questioning.
- Locate, develop and use the tools needed to effectively differentiate instruction for ELLs within the Literature Circle framework.
- Use the tools to successfully conduct literature circles that differentiate for ELLs.
- Use tools that determine text complexity.
- Become familiar and develop utility with resources that support content area reading and writing specific to ELLs.
- Understand genre expectations as they apply to reading and writing specific to ELLs.
- Use new strategies to plan, differentiate, and scaffold reading and writing tasks for ELLs.
- Understand and plan with new strategies for teaching ELLs while facilitating grade-level language standards in reading, writing, listening and speaking.
- Understand and develop working knowledge of how to assess students using formative and summative assessments while using assessment data to close achievement gaps among ELLs.
- Understand the history and pedagogy of L2 teaching methods.
- Develop, through intentional design, best practices for second language learners in literacy development, grounded in sound research.
- Understand the laws and policies that govern ESL students to include models of sound ELL instruction.

- Design instruction geared to developing the reading, writing, listening, and speaking (oral language) abilities of ELL students at varying levels of proficiency.
- Research, practice with, and design curriculum and instruction that focuses on a variety of activities from sentence formation to expository writing and collaboration.
- Embed appropriate reading, listening, speaking, and writing activities into instruction, curriculum, and assessment.
- Embed appropriate and culturally responsive materials that are age-appropriate, non-bias, and linguistically accessible for a range of Ell proficiencies and cultural backgrounds.
- Become familiar with various technology resources with which to continue design of differentiated language and content area instruction at varying levels of ELL proficiency.

## **Applied Linguistics**

No. ELL-ED-138 **Grades K-12**

**60 hours**

### **Category I**

The concepts of applied linguistics will be explored, and include phonology, principles of English language in reading, writing, speaking and listening; sociolinguistics, language acquisition, and second language acquisition. Consistent use of reading and writing strategy across all content areas continues to turn around the language skills of English language learners, particularly those who struggle. Participants will finish this course with a compendium of strategies, resources, and tools to aid ELLs and struggling learners with, using researched and field-tested implementation materials. In addition, they will practice with application of these strategies in their classrooms, to return and reflect on them in learning forums. Planning and preparation will involve comprehensive lesson and unit development.

### **Course Outcomes:**

- Demonstrate competency in language and understanding of language as a sequential and organized system of communication.
- Use common, grade appropriate strategy ideas across all content areas to leverage ELL student success with.
- Glen and apply multiple strategies to aid in the successful literacy effort of struggling learners and ELLs.
- Collaborate among multiple disciplines in order to better accommodate the needs of struggling learners.
- Develop working knowledge of the research behind effective strategies that teach language conventions.
- Develop and practice with strategies that teach language conventions.
- Apply, through design and redesign of curriculum, knowledge of phonology, morphology, pragmatics, syntax in support of reading, writing, listening, and speaking.
- Use knowledge of rhetorical and discourse structures to develop language and literacy skills among ELLs.
- Apply knowledge of sociocultural, sociopolitical, and psychological variables that facilitate academic achievement among ELLs.
- Consider and plan with understanding of the role and relevance of ELLs' home languages, and use this understanding to differentiate with.
- Become knowledgeable of, and apply, theories of second language reading and writing development at varying levels of proficiency.
- Distinguish among L1 and L2 literacy and language development.

- Develop working knowledge of the principles behind phonology, morphology, semantics, syntax, and discourse in literacy development.

## **ESOL Curriculum and Materials**

No. ELL-ED-131 **Grades K-12**

### **Category I**

#### **60 hours**

Learning environments conducive to ELL growth is best achieved when the right standards-based materials are selected, resourced, and designed. Participants in this e-course will become knowledgeable about accessing research-based resources, while selecting and adapting standards-based curriculum, materials, and digital resources. Effective reading comprehension combined with teacher modeling, guided practice, independent application, chunking and other approaches will be used across grade and content areas as they apply. Under this umbrella, participants will learn to teach reading, writing, listening, and speaking geared specifically for the needs of ELLs, through effective and differentiated strategy that builds student capacity. Visual representation, vocabulary, questioning, note-taking, close reading and summarizing are some of the approaches that participants will use to develop units and lessons with. Field-tested, research-based and as appropriate evidence-based strategies with accompanying print and digital tools for implementation will be taught to scaffold and differentiate with. Participants will be introduced to sound and scientific research as it promotes literacy across all content areas to help ELL students build foundational skills across reading, writing, speaking and listening. They'll learn and work with the scaffolds behind them that aid students in the important transition process across all content areas. Intentional, consistent, and rigorous teaching of reading and writing strategy that improves student achievement will engage the 90/90/90 principled approach. Participants completing this course will take away field-tested implementation tools that include: graphic organizers, semantic maps, thinking aids, checklists, rubrics and more.

#### **Course Outcomes:**

- Acquire the skills needed to effectively teach reading comprehension in primary grades for ELLs.
- Apply new strategy that builds student capacity through teacher modeling, guided practice.
- Use balanced literacy components and leverage them for ELLs.
- Use reading, writing, listening and speaking strategies to effectively scaffold ELL language learning.
- Develop the skill and ability to leverage online and off-site resources to teach using balanced literacy strategies and techniques.
- Become familiar with, and further develop, intervention strategies focused on effective reading interventions (and writing as they support reading comprehension) for struggling ELLs.
- Design, differentiate and scaffold materials and curriculum for ELL struggling readers.
- Move scientific theory into classroom literacy strategy across specific content areas for ELL students.
- Design, differentiate and scaffold ELL curriculum focused specifically on, and informed by, student progress along a rigorous strategy continuum.
- Import research-based literacy strategy into lessons for rigorous application and implementation for their ELL students.
- Glean and apply new strategies for rigor in reading and writing across all subject areas for ELLs.

- Use new strategies for motivating successful reading and writing effort.
- Plan and become familiar with multiple online and print resources that lead to reading and writing success.
- Plan and prepare rigorous units and lessons using newly acquired research-based strategies and methods.
- Create student-friendly classroom environments that are language and culturally sensitive, with language sensitive instruction.
- Embed formative assessment that scaffolds for individuals and small groups in response to focused learning targets
- Select and adapt L1 and L2 resources specifically for ELL development.

## **ESOL Testing and Evaluation – 60 hours**

### **Category I**

\*This course was formerly titled “Assessment and Progress Monitoring of English Language Learners”

No. ELL-ED-172 **Grades K-12**

Assessment of learning or *for* learning? Balanced, summative, interim and formative assessments will be used to evaluate for standards and expectations applicable to the needs of English language learners. Participants will understand how to effectively monitor and evaluate for ELL student learning and language needs, and use the data to plan for effective instruction with. After an introduction to multiple types of assessment and methods of using data, teachers will learn to teach to support a rapid turnaround of language results among their ELLs. Participants will identify the affects of assessment and assessment behaviors among ELL students, to include linguistic bias, assessment accommodations, data analysis, and federal and state assessment policies. The use of formative and summative assessment criteria to plan and prepare with also requires the use of reliable data. Teachers that are actively and systematically use this data can understand the academic performance of their students to include ELLs and other struggling learners, thus leverage for effective progress monitoring. Participants will be introduced to multiple assessment types that include formative, summative, microdata, macrodata, feedback and other assessment vehicles to produce data that lead to responsive instructional decisions. Participants will learn to find and use this data effectively to meet the unique needs of their English language learners.

### **Course Outcomes:**

- Plan and practice with various assessment types, tools, and resources appropriate for ELLs with diverse backgrounds and levels of proficiency to further teaching and learning among English language learners.
- Match grade-level assessment criteria to standards-aligned curriculum and instruction.
- Monitor student learning to move up individual student performance, focusing primarily among ELLs.
- Glen and apply valuable information about student performance from data, focusing on ELLs.
- Distinguish among ELLs with learning disabilities, giftedness, Tiers 1, 2, and 3, and struggling learners in need of intervention.
- Use data for planning and preparation to teach English language learners effectively.
- Evaluate the needs of ELL students to align best instructional strategy to those needs.
- Develop working knowledge and understanding of the purposes for ESOL assessment and the role of cultural diversity at multiple levels of proficiency.

- Become familiar with, and develop working knowledge of, a variety of assessment procedures appropriate for ELLs of diverse backgrounds and at varying levels of English proficiency.
- Explore and practice with scenarios that include accommodations and allowances for ELLS at various levels of proficiency.
- Use performance-based assessment tools and make decisions with them about curriculum in order to measure the progress of ELLs and their literacy development.
- Distinguish among criterion-referenced assessments and norm-referenced; bias in test development and design.
- Develop strategies for teaching and developing appropriate test-taking skills to ELLs.
- Use authentic assessments with real life application to develop the language and literacy skills in ELLs.
- Evaluate and monitor work against assessment criteria.
- Use assessment criteria against performance standards and use this information to reflect on practices to improve teaching focused primarily at ELLs.
- Effectively communicate strategy to articulate learning and instructional goals to ELL students, while demonstrating flexibility and responsiveness to their needs.
- Use the tools of tiered evaluation and instruction to close achievement gaps for their ELL students.

## **Cross-Cultural Communications – 60 hours**

No. ELL-ED-260 **Grades K-12**

### **Category I**

Aligned to: Danielson Domain 2, Marzano Domain 4. Organizing and maintaining multi-cultural classroom environments are the high strategies, while facilitating collaboration, respect and rapport among students. Active participation will further learning about students' while aiding in the development of assignments and activities that are the outgrowth of high expectations for all students, with a focus on ELLs. Classroom management and effective language strategies will further group work, student engagement, and peaceful transitions between and among activities through culturally relevant practices and sensitivity training. Participants will use, share, research, plan and apply multiple methods of effective classroom design as they align to curriculum and ELL instructional needs. Looking at and analyzing exemplars will teach participants how to identify specific best practices in action, and what makes them best as a strategy, to include applied linguistics, accessing materials for applied linguistics, evaluating and analyzing materials and resources, technologies, and embedding effective practices in projects. Looking at the actions behind them will be catalysts to building a foundation with which to differentiate. After a broad introduction to multiple resources and the research behind their success, participants will research and identify the practices most pertinent to the grade and discipline they teach, and then work them into assignments that scaffold into a final project. Gaining knowledge and awareness of multiple cultures, cultural sensitivity, and language bias participants will develop the working knowledge to operate with awareness and sensitivity through best ELL practices grounded in research.

### **Course Outcomes:**

- Analyze modules to identify embedded best practices that support the diverse language needs of their ELL students.
- Glean and apply new best practices to work them into module unit and lesson plans presently being taught.

- Practice and reflect upon best practice strategies taught, giving and receiving peer feedback in discussion forums.
- Align best practices with pertinent module lesson components and state standards as they apply specifically to their ELLs.
- Align management strategy with content goals based on industry best practices for inclusive grade-level settings focused on ELL growth.
- Create, scaffold, and differentiate lessons and lesson supports for ELLs.
- Differentiate and scaffold for ELL struggling readers.
- Take an active role in learning about their students in order to establish a successful multi-cultural classroom environment.
- Develop working knowledge of behavior management strategies and organization of physical space that contributes to an effective classroom environment.
- Study and practice with successful attributes of student peer review that leads to organized and peaceful transitions and student collaboration.
- Understand the classroom conditions necessary for 21st century ELL learners to be motivated and engaged.
- Take an active role in learning about their students in order to establish a successful multi-cultural classroom environment.
- Understand and design culturally relevant curriculum, with access to culturally relevant resources and materials.
- Apply working knowledge of cultural competence, with an understanding of cultural identity that affects learning, student academic achievement, and overall K-12 pedagogy.
- Understand racism, stereotyping, and cultural discrimination in teaching, learning and assessment of learning.
- Understand the relationships among language, bias, and culture in students from diverse backgrounds and at various levels of English language proficiency.

### **ELL/ESOL Strategies for Professionals**

No. ELL-ED-213 **Grades K-12**

#### **Category III**

**18 hours**

This course is for all professionals and working with ELL students to include parents, paraprofessionals, and all school stakeholders to include psychologists, special area teachers and all school personnel in fulfilling the requirement to complete required in-service training. Topics cover the roles and responsibilities of school professionals in Florida for ELL students, research-based ESOL strategies, methods, curriculum and curriculum design, linguistics, culture, and evaluation of ELL students.

#### **Course Outcomes:**

- Increase knowledge of, and utility with, classroom methods and materials for ELL students.
- Understand the needs of ELL students and the outcomes needed for language development and overall academic achievement.
- Develop strategies for working successfully with ELL students in all school settings.
- Understand the pedagogy behind the transfer of new skills and strategies to all content areas.

## Reading Endorsement Courses

### Building Reading Comprehension: Foundations of Reading Instruction

#### Competency 1: Foundations of Reading Instruction

No. RL-ED-130 Grades K-12

**60 hours**

The building blocks to effective reading comprehension begin in the primary grades with explicit instruction, modeling, and practice. Fluency, word recognition, vocabulary, oral and receptive language, the role of phonics and phonological awareness will include strategic instruction with multiple opportunities for planning and practice. Reading as an ongoing strategic process will be taught through knowledge and practice with fluency approaches, teacher modeling, guided practice, writing, listening, and speaking activities. Under this umbrella, participants will learn to design, teach, scaffold, and differentiate reading lessons and activities effectively using applied strategy that builds student capacity up through grade 5. Story structure, graphic representation, reciprocal questioning, oral retelling, summarizing activities, writing strategies, vocabulary strategies, balanced literacy and critical literacy are just some of the approaches under study. Problem solving strategies geared toward building student reading stamina, coupled with ongoing formative assessment approaches, will serve as catalyst to instructional planning and decision-making. Participants will receive a treasure trove of field-tested tools and resources for effective implementation with multiple opportunities for classroom implementation throughout the course.

#### Course Outcomes:

- Acquire and use new skills needed to effectively teach reading comprehension in primary grades with an understanding of the oral and written language that facilitates it through phonology, syntax, semantics, and pragmatics as they relate to comprehending print.
- Understand the importance and function of receptive and expressive vocabulary instruction, semantics, domain specific vocabulary (academic vocabulary), and morphology as it relates to vocabulary development.
- Understand the role of vocabulary as it works into students' understanding of word meanings, repeated practice, and comprehension of print through the use of context clues, explicit teaching, and the use of assessment data to make ongoing decisions directed to individual student needs.
- Apply strategy that builds student capacity through teacher modeling, guided practice, particularly as it impacts text readability, complexity, coherence, structure, and overall comprehension by understanding the interdependence among reading components and their effect on the reading process for native speakers of English as well as English language learners.
- Understand the impact that linguistic and cultural background has on English language learners' comprehension, along with importance and role of home languages.
- Plan and prepare to teach using scaffolded strategy to move their students along a continuum of reading success as it builds comprehension.
- Plan and practice with numerous formal and informal assessment approaches for comprehension, using data to make informed decisions with which to meet the individual needs of students.

### Research-Based Literacy Strategy For All Content Areas

#### Competency 2: Application of Research-Based Instructional Practices

No. RL-ED-123 Grades K-12

**60 hours**

Participants will be introduced to sound and scientific research as it promotes literacy across all content areas to help students build foundational skills across reading, writing, speaking and listening. Teachers will learn how to scaffold student learning through the application of research-based reading instruction to include and integrate the six components of reading: oral language, phonemic awareness, phonics, fluency, comprehension, and vocabulary. Participants will learn the scaffolds behind each approach that aid students in the important transition process across all content areas. Intentional, consistent, and rigorous teaching of reading and writing strategy that improves student achievement will engage the 90/90/90 principled approach to consistently streamline curriculum, curriculum resources, and assessment. Participants completing this course will embed field-tested implementation tools to into planning, preparation, and implementation.

#### **Course Outcomes:**

- Move scientific theory into classroom strategy, practice, and implementation across specific content areas.
- Acquire and use the skills needed to effectively teach reading comprehension in primary grades with an understanding of the oral and written language that facilitates it through phonology, syntax, semantics, and pragmatics as they relate to comprehending print.
- Understand the importance and function of research-based receptive and expressive vocabulary instruction to include semantics, domain specific vocabulary (academic vocabulary), and morphology as it relates to vocabulary development.
- Understand, and apply to planning and instruction, the research behind vocabulary instruction, and its role in students' overall understanding of word meanings, repeated practice, and comprehension of print through the use of context clues, explicit teaching, and the use of assessment data to make ongoing decisions directed to individual student needs.
- Scaffold research-based strategy as it builds student reading muscle through writing practice, teacher modeling, and guided practice using applied principles of research-based reading strategy, particularly for text readability, complexity, coherence, structure, and overall comprehension for native speakers of English as well as English language learners.
- Understand and plan for the impact that linguistic and cultural background has on English language learners' comprehension, along with importance and role of home languages through sound principles of research-based methods that scaffold work into student achievement.
- Plan and prepare to teach using research-based strategy to move their students along a continuum of reading success as it builds reading muscle.
- Plan and practice with numerous formal and informal assessment approaches for comprehension, using data to make informed decisions with which to meet the individual needs of students.
- Import research-based literacy strategy into lessons for rigorous application and implementation.
- Glen and use new strategies for rigor in reading and writing across all subject areas.
- Understand, plan and practice with the scaffolding of research-based methods, strategies, and field-tested tools for classroom implementation to aid all learners across all content areas.

### **Foundations of Reading Assessment and Tiered Intervention Strategies**

#### **Competency 3: Foundations of Assessment**

No. RL-ED-221 Grades K-12

## **60 hours**

Participants will learn and understand how to select and administer appropriate assessments using data from multiple sources to include informal reading inventories, running records, writing samples, and performance tasks among others, to inform their planning of reading instruction to meet the needs of all students. Systemic problem solving will involve the use of a tiered instructional framework model for instructional assessment and ongoing student support to include screening, diagnosis, and progress monitoring. Participants will learn how to deliver sound, research-based instruction focused on identified student challenges. Through high quality, differentiated and research-based instructional approaches, participants scaffold learning strategy carefully with increased intensity to meet students at their identified level of performance and rate of progress as leveraged with SLOs, IEP goals, objectives and learning targets. Increased achievement and closing learning gaps are intervention priorities that will be used to intervene with strategy for Tiers II and III.

### **Course Outcomes:**

- Understand and practice with tiered instructional models to close achievement gaps among Tiers II and III students.
- Understand the purposes of multiple informal assessment types to include reading inventories, informal assessments, and analyzing writing samples.
- Match readers to text and use data to scaffold strategy for text complexity.
- Understand and apply various measurement concepts to the characteristics of reading assessments to include test reliability, validity, standard of error of measurement, and derived scores from standardized tests.
- Apply ongoing progress monitoring effectively in order to deliver effective and timely interventions for MTSS students using effective assessment procedures.
- Use data as a systemic problem solving process to differentiate instruction, intensify instruction, and apply intervention methods to meet the needs of all students using scientifically based instructional strategies and techniques.
- Identify appropriate criteria for selection of materials to include in student portfolios for ongoing progress monitoring and implementation of curriculum with content geared toward meeting the instructional needs of Tiers II and III students using effective tiered intervention strategies.
- Use assessment data to plan and implement appropriate and allowable accommodations as determined by the student's IEP or 504 Plan.

## **Differentiating Instruction and Assessments**

### **Competency 4: Foundations and Applications of Differentiated Instruction**

No. RL-ED-112 Grades K-12

## **60 hours**

Participants will understand and apply knowledge of the socio-cultural, socio-political, and psychological variables that constitute differentiated reading instruction for all students through all content areas. Through an understanding of the stages of language progression and proficiencies within the English language for ELLs, participants will learn how to apply leveled instruction to increase language proficiency among students. The factors that impede student reading, characteristics of language and cognitive development, and overall language proficiencies will be effectively differentiated using age and grade appropriate methods. Participants will select and use developmentally appropriate tools, materials, and resources to address sociocultural and linguistic differences as they import to planning and instruction. Participants will embed

increased use of complex print and digital text sources into assessments, scaffolding techniques, and re-teaching opportunities for individual and small group instruction. Differentiation will include scaffolding reading instruction for struggling learners in all six of the reading components, as well as for English language learners at various levels of language proficiencies. Participants will be taught how to apply student progress monitoring and use of data to design, plan, and implement a differentiated curriculum that includes research-based approaches for comprehension, oral language, phonological awareness, phonics, fluency, vocabulary, higher order thinking to further critical reading among students.

**Course Outcomes:**

- Create differentiated lessons and apply differentiated strategy through design and strategy reflective of an understanding and application of knowledge of socio-cultural, socio-political, and psychological variables to differentiation.
- Use design strategy for grouping and classroom environment.
- Use online and print tools for differentiation such as learning profiles, interest surveys and tiered questioning.
- Use research-based strategy to differentiate for writing development and to reinforce text comprehension.
- Plan for and implement allowable and appropriate instructional accommodations as specified in students' IEP or 504 Plans.
- Modify assessments for students with cognitive disabilities without interrupting rigor, high expectations, and opportunities for achievement as they reflect grade appropriate levels of access to general education.
- Design, re-design, scaffold, and acquire new strategy to develop lessons with using research-based, effective methods for differentiation in instruction and assessment of students.
- Use and scaffold with learning profiles, student-facing scaffolds, organizers, interest surveys, cognitive-friendly learning materials, tiered questioning prompts, and other student "hooks" for rigorous learning and assessment.

**General Education Courses**  
**3 courses - 20 hours each**

**Assessment that Drives Instructional Decision-Making**

No. 203 **Grades K-12**

Aligned to: Danielson Domain 3, Marzano Domain 1

Using assessment criteria to drive instruction requires the use of reliable data. Teachers that are actively and systematically use this data can understand student performance and thus leverage it best for effective progress monitoring. Participants will be introduced to multiple assessments that include feedback models and other formative methods that feed instructional decisions. Participants will learn to find and use this data effectively to make informed instructional decisions with.

**Course Outcomes:**

- Use and practice with evaluating and monitoring work against assessment criteria.
- Plan with, and practice using, assessment criteria aligned with performance standards.
- Use assessment and performance standards to reflect and improve upon practices with.
- Practice with effective strategies to communicate learning and instructional goals to students, while demonstrating flexibility and responsiveness to student needs.

## **Vocabulary and the Language Arts Florida Standards - LAFS**

### **No. 250a Grades 3-8**

Acclimating adolescents into effective vocabulary understanding and use is one challenge of the LAFS. Using the FSS, participants will analyze the vocabulary components of the lessons in units of instruction. In order to review aligned instructional and experiential practices, participants will discuss and practice with the vocabulary instructional components housed within them. Sound, research-based vocabulary practices will serve as catalysts to effective implementation of vocabulary module components to improve teaching and learning.

#### **Course Outcomes:**

- Develop understanding and working knowledge of the vocabulary instructional challenges within the LAFS, and the application to the FSS.
- Plan and implement with vocabulary instructional components applied to sample instructional units.
- Develop working knowledge of, and practice with, sound, research-based vocabulary practices to effectively implement modules while supporting relevant vocabulary components.
- Analyze the assessment features of curriculum that support vocabulary in order to effectively support expectations of the LAFS.

## **Working the Brain Into Teaching and Learning**

### **No. 103 Grades K-12**

Meeting old challenges with new ideas can be fraught with mind-boggling confusion if design principles aren't organized around cognition-friendly curriculum and pedagogy. Participants in this e-course will explore and experiment with learning theory that embraces new design and cross curricular strategy that engages brain plasticity. Wrapping learner minds around new knowledge through engaging lessons and strategy that builds capacity are some of the goals of this e-course.

#### **Course Outcomes:**

- Develop working knowledge of the elements that make cognitive-friendly instructional design.
- Experiment with learning theory that invokes hands-on, cross-curricular strategy for teaching and learning.
- Apply methods that capitalize on brain plasticity for higher retention and increased literacy skills.