

Renew a Teaching License

by Professional Learning Board



IA Relicensure Package #1 (6 LRCs - ISEA Member)

This online PD course package contains classes to help ISEA member teachers in Iowa address the required LRCs to renew a teaching license. The IA Relicensure Package #1 includes 6 self-paced courses (15 hours each) for a total of 6 license renewal credits.



**IA Relicensure Package #1
Non-Member (6 LRCs)**



**Cognitive Skills
Understanding Learning
Challenges**



Pedagogy Essentials



**Raising Academic
Achievement**



**Reading Across the
Curriculum**



**Technology for Today's
Classroom**



**Understanding Special
Learning Populations**



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ONLINE LRC: Cognitive Skills - Understanding Learning Challenges

“These classes are very well done. I gained a better understanding of what teachers try and accomplish.”

- Chary P.

We all know brain plays a major role in learning, but few are aware of how. In a class where each child differs in his ability to learn, it is essential that educators know how the brain is related to the process of learning, in order to help facilitate student performance. Such knowledge will also give the educator an advantage when faced with the challenge of teaching a child with special needs. Cognitive Skills is a two part integrated course that will equip educators with extensive knowledge about the process of learning.

The first section, Cognitive Skills: Understanding Learning Challenges will focus on the skills involved in learning and introduce you to various techniques and strategies on identifying a child with learning difficulties and to overcome their challenges. It also provides tips on how to make learning fun, challenging and different.

The second section, Accommodating All Learners, will help you understand more about various learning styles, and how these impact the way a student learns. You will gain knowledge about specific teaching approaches that can be used to reach and teach each learning style.

Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, Planning for Instruction and Instructional Strategies.

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.



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- Implement **practical resources and tools** in your classroom
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ONLINE LRC: Cognitive Skills - Understanding Learning Challenges

Course Outline

SECTION A: *Cognitive Skills - Understanding Learning Challenges*

LESSON 1: Introduction

- Definition of cognitive skills and the barriers to successful learning
- Statistics on America's students
- Five typical approaches prescribed for learning difficulties

LESSON 2: The Brain and Learning

- The brain structure and the latest techniques and technology in brain research
- Learning about what impacts brain development in a young child

LESSON 3: Testing

- Learning about IQ tests and Achievement tests
- The importance of the right test to diagnose learning difficulties
- Understanding the connection between cognitive skills and learning
- Learning about several types of testing and how they can be used effectively

LESSON 4: Cognitive skills

- The 2 parts of learning.
- Explanation on why cognitive skills are foundational tools
- The various theories of learning
- Learn in detail about attention and memory and how these skills can be developed in students

LESSON 5: Learning Styles

- Types of learning styles including visual, auditory, kinaesthetic
- Learning styles inventory and its applications
- Understanding ways in which knowledge of learning styles can impact teaching strategies and curriculum planning

LESSON 6: General Training Strategies

- The definition and symptoms of autism
- The autism spectrum and primary conditions within this spectrum
- Other similar conditions, including Rett's syndrome and Fragile X syndrome
- Primary management for autism
- Functioning of the brain in autism and the cause for deficits



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ONLINE LRC: Cognitive Skills - Understanding Learning Challenges

LESSON 7: Reading Strategies

- Learning about basic and critical reading skills
- Strategies to improve basic and critical skills
- Comprehension strategies
- Learning about the steps in reading. Understanding the various reading approaches

LESSON 8: Special Conditions

- Understanding specific cognitive issues in conditions such as ADHD, Dyslexia, PDD, Autism, Asperger's and ODD
- Learning strategies which teachers may use while working with children with these conditions



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ONLINE LRC: Cognitive Skills - Understanding Learning Challenges

Course Outline

SECTION B: *Accommodating all Learners*

LESSON 1: Every Learner Learning

- Teaching and Learning
- What we Know, Paradigm Shift
- Accommodating all Learners, Change
- About the Brain, The Brain and Learning
- Introduction to Learning Styles
- Teacher as Learner
- The Paragon Learning Style Inventory (PLSI) and how it can be used to enhance learning
- Administering the PLSI
- Contexts in which the PLSI can be used in the classroom

LESSON 2: Who Are Our Students? Teaching Across Types

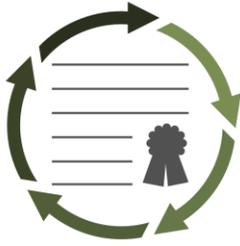
- Characteristics of today's youth
- Aspects of physical and cognitive access to the general curriculum
- Academic learning styles and students' skill development as it aligns with age
- Observing interactions to identify learning styles and preferences
- The concept of perception and differences in perception
- The importance of finding solutions that are win-win for both teacher and student
- How to build a win-win pedagogy based on the 5 principles
- Strategies to employ when the teacher's learning style conflicts with students' styles
- Learning about thinking styles

LESSON 3: Technology

- Media as a flexible tool to reach all learners
- Recent research on technology and traditional models of delivery
- Traditional media versus digital media
- Digital media and how it can be used to customize materials and methods
- Technology Timeline

LESSON 4: Theories and Strategies

- Components of multiple intelligences
- Activities to develop each type of intelligence
- Bloom's taxonomy, differentiated instruction, and informal learning
- Hemisphericity and activities that can stimulate both left and right sides of the brain
- The 4-quadrant model



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ONLINE LRC: Pedagogy Essentials

“I enjoyed the information and many awesome tips available in this course. I was impressed by all of the templates and classroom supplements provided.”

‘Pedagogy’ is both the science and art of education. In teaching practice, there is often a disconnect, between the theory we read about, and the realities in the classroom. This course is designed to target and bridge that gap while helping teachers to pinpoint practical ways of harnessing research and pedagogical guidelines that directly benefit teaching.

Examine how teachers use research findings to choose the most efficient instructional methods that encourage and build students’ desires to explore and learn with information on research based instructional strategies that can be adapted to address different areas of learning while improving student achievement. The second section considers how teachers can develop an effective curriculum. The ultimate goal here is to equip teachers to create powerful, yet practical units and lesson plans that enable students to learn more effectively and efficiently.

In the final section, explore the largely practical realm of teacher organization. You will be provided with organizational strategies and resources that assist you in providing the best instruction and assessment for students with the least amount of time and effort. Making this content relevant to the 21st century teacher, examine how to use technology and organize the various components of not just the classroom, but also all of your other responsibilities. Start organizing your classroom today.

Standards:

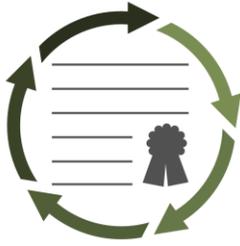
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ONLINE LRC: Pedagogy Essentials

Course Outline

SECTION A: *Research-based Instructional Strategies*

LESSON 1: Introduction

- The importance of education and a review of statistics of educational achievement in America
- The benefits of incorporating research proven instructional strategies in the classroom
- Myths related to learning and teaching and the truth revealed through research

LESSON 2: Teacher-focused Approaches and Strategies

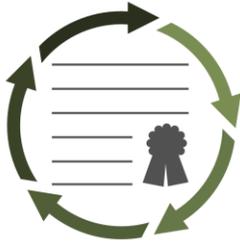
- Developing Reflective Practice
- Understanding the learning process
- A look at research-based strategies focused on what the teacher can do in the classroom to improve student learning and achievement.
- Classroom application of strategies and approaches such as Daily review, Teaching in small steps, The use of cues, questions and advanced organizers, etc

LESSON 3: Active Learning

- The importance of active student participation and engagement
- Understanding student engagement and active learning
- A look at research-based strategies focused on how the teacher can encourage students to be actively involved in the classroom with the aim of improving student engagement, learning and achievement
- Activities and projects that a teacher can involve the students in, based on the strategies such as cooperative learning strategies, building thinking skills, effective note taking, etc

LESSON 4: Research-Based Strategies for Literacy and Math

- Understanding the importance of literacy
- The elements required to develop good reading skills
- Research-based strategies on improving students' reading skills and classroom applications of the same
- The importance of developing one's writing skills
- Research-based strategies on improving students' writing skills and classroom applications of the same
- The importance of math in real life situations and the need for developing one's math skills



ONLINE LRC: Pedagogy Essentials

Course Outline

SECTION B: Curriculum Development

LESSON 1: Introduction

- Curriculum Development
- Curriculum vs. Syllabus
- Effective Curriculum
- Curriculum Development
- The Curriculum Development Process
- Curriculum Planning

LESSON 2: Developing a Standard-based Curriculum

- Standard-Based Curriculum
- Yearlong Curriculum
- Elements of a Long-term scope and sequence of curriculum
- Types of Curriculum Maps
- Backwards Planning
- Creating a Unit Plan
- Components of the Unit Plan
- Effective Lesson Planning
- Preparing a Lesson Plan

LESSON 3: Curriculum Integration

- Curriculum and levels of Integration
- Approaches of Integration
- Interdisciplinary Curriculum
- Benchmark descriptors of interdisciplinary curriculum
- Models of Curriculum Integration
- Implications of Implementing an integrated curriculum

LESSON 4: Curriculum Evaluation

- What is Curriculum Evaluation?
- Need for Evaluation
- Types of Curriculum Evaluation
- Models of Curriculum Evaluation
- Criteria for Evaluation
- Phases of Curriculum Evaluation
- Tools for Evaluation



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ONLINE LRC: Pedagogy Essentials

Course Outline

SECTION C: *Classroom Organization for the 21st Century*

LESSON 1: Being an Organized Teacher

- Understanding the purpose and benefits of being organized for the teacher and for students
- Examining the reality of stress and burnout among teachers
- The traits an organized teacher possesses
- Specific actions that make a teacher organized, and classroom examples for each

LESSON 2: Organizing Your Classroom

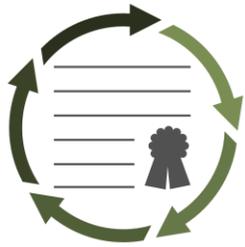
- The overarching goals of organizing the classroom space and activities
- Effective design of classroom space, choosing the best layout and organizing the physical environment as well
- Managing Classroom material like submissions and resources efficiently
- Organizing Classroom activities including independent, group and whole class work
- Strategies to manage and track student behavior positively, during lessons and through transitions

LESSON 3: Ten Tech Tools for Organized Teaching

- Essential considerations behind using technology to organize your classroom and teaching
- Ten useful tools/apps to organize teaching responsibilities, and the classroom applications of each

LESSON 4: Classroom Applications

- Planning for Continuous Assessments in the Classroom and methods to carry them out effectively
- Working within a teaching team, partnering and preparing to be a substitute
- Organizing parent partnerships at both one-way and two-way levels
- Getting Classroom projects and events efficiently planned and carried out
- Ensuring windup is productive, for teachers and students, at a daily and annual level



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ONLINE LRC: Raising Academic Achievement

“This course has given me a greater understanding of IBL and how it works. The tips and web tools included in the lessons, make the concept seems more attainable.”

- Heather H.

Teachers learn to identify students who are struggling academically and address academic interventions for support. This course helps teachers gain skills in improving curriculum and implementing inquiry-based learning to increase academic achievement. Teachers learn to adjust existing evaluation practices to create effective and dynamic evaluation methods that assess student work, while ensuring that the educational focus is on teacher and student development.



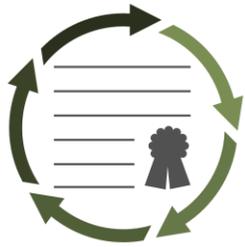
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ONLINE LRC: Raising Academic Achievement

Course Outline

SECTION A: *Raising Academic Achievement through Standards*

LESSON 1: Standards and Academic Interventions

- Understanding standards in education
- Understanding and differentiating between core instruction, accommodations, modifications, and interventions
- Academic interventions, classroom intervention plans, and understanding warning signals of students at risk

LESSON 2: Response to Intervention

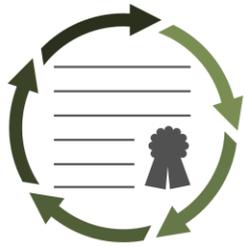
- Understanding Response to Intervention (RTI)
- Connecting RTI and the standards
- Essential components of RTI
- Tiered interventions
- Challenges when implementing RTI

LESSON 3: Literacy interventions

- Importance of literacy skills
- Problems students face in literacy
- Standards in English Language Arts/Literacy
- Academic interventions for struggling readers
- Academic interventions for students struggling with writing skills

LESSON 4: Math intervention

- Importance of math
- Problems students face
- Standards in Math
- RTI and Math
- Specific interventions for improving math skills



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ONLINE LRC: Raising Academic Achievement

Course Outline

SECTION B: *Examining and Evaluating Student Work*

LESSON 1: Evaluating Student Work

- Meaning of assessment and why it is needed for growth
- Considering criticism of assessment methods
- What constitutes a well-designed assessment?
- Tools of holistic assessment

LESSON 2: Effective Grading Process

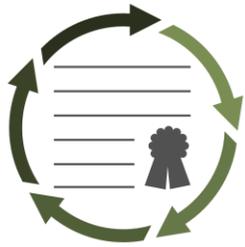
- The key to consistent assessment
- Learning to grade group work
- Practical tips for handling complaints
- Creating rubrics to assist the grading process

LESSON 3: Examining Student Work

- Introduction to examining student work and research that supports it
- Drawing teachers into an inquiry-based learning experience
- Examining student work to change practice
- Turning apprehensions into learning opportunities

LESSON 4: Planning, Process and Takeaways

- Planning and carrying out ESW meetings
- Choosing appropriate student work samples
- Facilitating collaborative work
- Using protocols for smooth functioning



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ONLINE LRC: Raising Academic Achievement

Course Outline

SECTION C: *Inquiry-based Learning*

LESSON 1: Introduction to IBL

- The need of an Inquiry Based Learning (IBL) approach and knowing the constituents involved
- Academic research that supports IBL
- Differences between IBL and traditional education
- Define roles of teachers and students

LESSON 2: Inquiry-based Learning Model

- The need for a model to apply the IBL approach
- Various models developed by academicians
- Practical applications of the inquiry model for teaching lessons
- The emotional trajectory of an inquiry process

LESSON 3: Designing IBL

- The foundations for IBL through effective lesson plans and activities
- Ways to classify students based on their understanding and experience with IBL
- Manage the dynamic classroom environment
- Principles and methods of assessing students

LESSON 4: Enhancing the IBL Classroom

- Creation of a support system for effective inquiry-based learning
- Use of technology to enhance the IBL experience
- Technology as a tool for professional development
- Web tools that can help at different stages of inquiry



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ONLINE LRC: Reading Across the Curriculum

“Course was great. It delivered a lot of new information and gave great strategies that can be implemented in the classroom.”

- Heather F.

Reading should be a meaningful activity that is focused on comprehension and that results in understanding. The strategies in this course are imperative for all educators to help their students become proficient readers.

Reading Across the Curriculum helps teachers understand how to assess reading skills in the classroom and plan instruction accordingly. When every day teaching is carefully designed around this type of data it means that all students can learn and grow.

Tackling Tough Text equips educators to empower their students with confidence when handling tough text. Strategies to break down, engage and interact with the text are all explained in detail. Reading is a complex cognitive process that develops cognitive skills.

In Guided Reading, the teacher acts as a facilitator for small groups. In these groups, students are encouraged to critically analyze what they read, while using proven reading strategies such as summarizing, predicting, clarifying, revisiting, rereading, connecting, and so much more. Guided Reading also encourages students to make real-world connections between the reading material and their lives. Guided Reading is the bridge between shared reading and independent reading. Through the use of the Guided Reading strategy, a teacher helps the student grow out of teacher modeled reading to independent self-reading and self-correcting. Teachers scaffold the literacy learning of the Guided Reading group to help them transition from the previously taught shared reading, to independent reading via guided reading.

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ONLINE LRC: Reading Across the Curriculum

Course Outline

SECTION A: *Reading Across the Curriculum*

LESSON 1: The basics of developing reading skills

- The importance and nature of the 'reading' skill
- Language development in the early years
- Implications of different levels of daily language exposure
- Understanding how the brain processes what we already know and have experienced, to develop reading skills

LESSON 2: Reading assessments and varying student levels

- The true diversity in the range of students' reading abilities
- The purpose of reading assessments and components included to assess students' phonemic awareness, phonics, fluency, vocabulary and comprehension
- Categories of reading assessments and their suitability for varying students
- Common reading assessments and their usage

LESSON 3: Making reading 'meaningful'

- Deconstructing the nature and essential elements of meaningful reading in your classroom
- The benefits of and the need for new lesson formats to replace traditional ones, including pre-reading elements to strengthen students' understanding of the text
- Making the actual reading process interactive and thorough by using reading guides, visual imagery, inquiry charts, questions and promoting word comprehension
- Effective ways to extend the life of the text beyond the lesson through post reading, vocabulary and fluency strategies

LESSON 4: Strategies for effective lesson planning

- Scaffolding a common textbook to support varying reading levels using four steps
- Using different books, on a common topic or learning objective to meet differing needs
- Question-Answer Relationships (QARS) as a way to teach students about various questions that arise while reading a text, and ways to answer them
- Effectively approaching different structures of texts



ONLINE LRC: Reading Across the Curriculum

Course Outline

SECTION B: *Tackling Tough Text*

LESSON 1: Comprehension

- Understanding the importance of building students' self-efficacy to ensure learning
- Exploring the need for appropriate background knowledge and reading strategies for successful student comprehension
- Examining strategies for teaching reading comprehension
- The need to go beyond traditional teaching models toward participatory literary practices
- The Reading Comprehension Checklist – the research behind it and the practical highlights of the checklist

LESSON 2: The Checklist

- Exploring the roadmap to activate students' background knowledge
- Understanding essential steps while working with the checklist, to ensure an internalization of the reading comprehension process
- Examining the value of pre-reading in making stronger readers, and the four steps involved

LESSON 3: Working with Questions

- Understanding how to *label* and *analyze* questions that accompany the text

LESSON 4a: Time to Read

- Beginning the final part of the checklist; the actual *reading* of the text
- The process of identifying and underlining five *key words* in the text
- Exploring the recommended *sequence* of answering questions
- The importance of emphasizing students' *self-confidence*

LESSON 4b: Evaluating the Checklist

- Exploring the practical aspects and *benefits* of using the checklist in the classroom
- Using the evaluation in the checklist to *identify* areas where students need more help
- Understanding the need for *tough text* levels and the significance of the checklist



ONLINE LRC: Reading Across the Curriculum

Course Outline

SECTION C: *Guided Reading*

LESSON 1: An Overview

- Integrating Guided Reading into classroom curriculum, following step by step proposed plan to adapt it
- Examining the pros and cons of traditional vs Guided Reading groups, and its various components
- A look at the foundational principles of Guided Reading, and how these make teaching more effective and relevant
- Impact of Guided Reading, and its implementation across grades

LESSON 2: Procedure

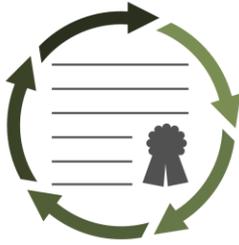
- Exploring the different ways teachers can implement a Guided Reading instruction program to match individual student needs
- Examining Manzo's 9 steps to improve reading comprehension among students through guided learning methods
- A look at strategies to provide differentiated instruction, to reach every child
- Stages of reading and assessing student levels by specific characteristics

LESSON 3: Strategies

- Implementing Guided Reading by integrating strategies so that students can learn to comprehend, predict, question, make mental images and summarize as they read
- Tips for implementing age-appropriate strategies to match student age and intellect
- Examining the scope, implementation of Guided Reading for ELLs (English Language Learners), CCNs (Complex Communication Needs) and students with special needs
- Understanding the application of Guided Reading across curriculum to help students learn to think critically, make deductions, improve their memory, pay attention to detail, remember facts and figures accurately and recall events with a photographic memory
- Examining the challenges faced during Guided Reading

LESSON 4: Resources and Organization

- Practical tips for effective implementation of the Guided Reading Program, and using resources creatively
- Tips to manage student behavior, striking the perfect balance
- Learning the key to staying organized
- Assessing the reading level of students, and exploring its various components
- Using technology effectively for Guided Reading groups



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ONLINE LRC: Technology for Today's Classroom

“Technology Today was an excellent online course. It was very informative, and I learned about new technology issues happening in this world today. It was very easy to continue where I left off. I would recommend this program to others. Thank You.”

- Bernadette B.



This three part integrated course, Technology for Today's Classroom, helps to bridge the gap, enabling safe implementation of technology in classrooms and preventing misuse by either students or adults while promoting effective learning.

The first part enhances **professional development** by presenting tools, techniques and resources to advance skills in using technology. Introduction to Technology for Teachers highlights the advantages of using technology as both a resource and a tool for educators in their classrooms.

Technology can promote effective learning only when used in the right manner. **Technology in the 21st century Classroom**, imparts valuable information regarding the principles of integrating technology in a way that promotes learning without being a distraction.

The third section of this course stresses the need to protect students from possible dangers in the online world. It helps to create awareness about the threats existing in the virtual world. **Internet Safety** is filled with practical ideas and steps that educators can take to ensure safety of the students who have access to the internet whether through classroom technology, at home or via their cell phones.

This integrated course helps educators gain an extensive outlook using technology effectively and safely.

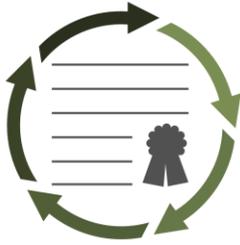
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ONLINE LRC: Technology for Today's Classroom

Course Outline

SECTION A: *Introduction to Technology*

LESSON 1:

- Basics of Computer
- Email
- Benefits and harmful effects of technology
- Devices and gadgets for the Classrooms

LESSON 2:

- Platforms and providers
- Spreadsheets and Word processing
- Presentation software
- Organization using cloud-based storage applications

LESSON 3:

- Interactive aspects of technology
- Digital Scavenger Hunts
- Interactive quizzes and activities
- Design tools

LESSON 4:

- Types and Models of Learning
- Flipped and Hybrid Classroom
- Learning Management Systems
- Webinars and Video Conferencing tools



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ONLINE LRC: Technology for Today's Classroom

Course Outline

SECTION B: *Technology in the 21st Century Classroom*

LESSON 1: Overview

- The mindset behind using technology
- How learning environments and education have changed with technology
- Technology standards and essential conditions required for learning to take place while using technology

LESSON 2: Tool Set

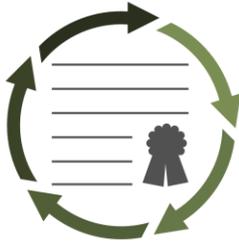
- Tools in the classroom including blogs, wikis, Skype, Twitter, Google docs and Google earth
- Implementing a code of conduct
- The need for parent education, and learning to create a permission slip
- Integrating technology into the curriculum

LESSON 3: Skill Set

- The skill set required to succeed in the 21st century, and how these skills relate to technology
- Technology to teach students to create, connect, communicate, collaborate and think critically
- Digital learning farms
- Roles students can take on while using technology in the classroom including tutorial designers, official scribes, researchers, collaboration coordinators, contributors to society and curriculum reviewers

LESSON 4: Mind-set

- Digital literacies
- Literacy including basic literacy, information literacy, media literacy, visual literacy, global literacy and network literacy
- Ethical use of digital media
- Digital footprints



ONLINE LRC: Technology for Today's Classroom

Course Outline

SECTION C: *Internet Safety in a Connected World*

LESSON 1: Connecting on the Internet

- Social networking as an integral part of everyday life
- Features and red flags of social networking sites commonly used by teens
- Posting and viewing photographs and videos safely
- Latest wearable technology – Smart Watches

LESSON 2: The Internet in Daily Life

- Diverse means of electronic communication – Chatting, Emails and Blogs
- Gaming and virtual world – a distraction for modern teens
- Electronic Commerce - Online shopping and traces of online activities - Digital footprints
- Dangers that exist when not careful about safety and privacy on the internet
- Interactive Scenarios:
 - Handling peer pressure and secure chatting options
 - Effects of gaming

LESSON 3: Downloading from the Internet

- Shielding unauthorized copying and piracy
- Sending out files
- Literary theft – Plagiarism and its categories
- Software that harms computers and guidelines to prevent this

LESSON 4: Staying Safe on the Internet

- Online Predators and their behaviors – Grooming and gifting
- Cyberbullying – Forms and effects
- Monitoring software and parental controls with usage agreements
- Reporting online crimes, gathering evidence, and calling for help



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ONLINE LRC: Understanding Special Learning Populations

“As a gifted and talented teacher, I was very pleased to see all of the correct information on gifted learners in this course. I learned a lot more about the ADHD students, and will be able to recognize twice-exceptional learners more.”

- Syndy R.

As teachers, we all face situations where we accommodate students with special needs in our classrooms. In such situations, how can we modulate our teaching to ensure that we reach each and every child? This integrated course, *Understanding Special Learning Populations* is designed to help teachers encourage and maximize each child's potential.

Terms like Autism, ADHD, learning disability and gifted learners are being constantly used. What is it? What makes these children unique? And most importantly, how as an educator can you enhance their learning ability? These are questions that are answered in this course.



The integrated course has three parts, each one dedicating to a particular special population, namely *Introduction to Autism, Understanding ADHD and Differentiation for Gifted learners in the Classroom*. The course presents various strategies, adaptations and modifications to the environment and the mode of instruction that help teachers accommodate and teach students with these conditions. Along with enhancing an educator's skills, the course is rich and filled with ideas and suggestions that promote your confidence in handling children of differing abilities.

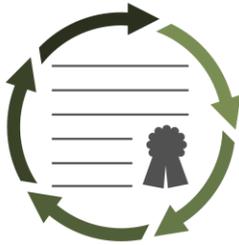
Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, Planning for Instruction and Instructional Strategies.

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

Each online self-study LRC course includes:

- **Convenient access** anytime, anywhere, any device
- Interactive **online** textbook
- Implement **practical resources and tools** in your classroom
- Demonstrate comprehension with quizzes and checks for understanding
- Align with your **Professional Learning Plan**
- Course Action Plan Survey
- **Official Transcript** from the ISEA



ONLINE LRC: Understanding Special Learning Populations

Course Outline

SECTION A: *Introduction to Autism*

LESSON 1: Overview

- The definition and symptoms of autism
- The autism spectrum and primary conditions within this spectrum
- Other similar conditions, including Rett's syndrome and Fragile X syndrome
- Primary management for autism
- Functioning of the brain in autism and the cause for deficits

LESSON 2: Social Interactions

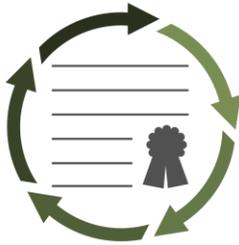
- Theory of mind and how best a teacher can interact with a student at each level
- Language and communication in autism
- Ways in which students with autism understand language and express themselves, and learn strategies that can be used to strengthen comprehension and expression in the classroom
- Social development and how teachers can help promote social development

LESSON 3: Expressions of Autism

- Sensory issues seen in autism and how teachers can work with students who may be struggling with these issues
- Other symptoms that affect a child's ability to learn including splintered development, perseveration, deficits in imitation and repetitive behavior
- Motivation and how students with autism may be motivated

LESSON 4: Autism in School

- Classroom organization and management strategies that will help accommodate a child with autism in school
- Strategies that may be used to adapt the classroom environment, classroom schedules and teaching materials in order to promote learning
- Behavior issues that may be seen in a student with autism and learning to respond to these issues
- Working along with the parents and the team in the treatment and education of a student with autism



ONLINE LRC: Understanding Special Learning Populations

Course Outline

SECTION B: *Differentiation of Gifted Learners in the Classroom*

LESSON 1: Characteristics

- Who gifted learners are
- Types of gifted learners including academic, linguistic, and artistic learners
- Qualities of gifted learners

LESSON 2: Personal, Social and Cognitive Needs

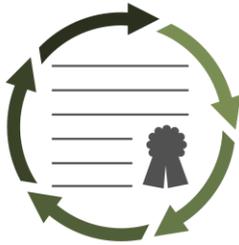
- Needs of gifted learners, especially personal, social and intellectual needs
- Differentiation and how it can be implemented including aspects process and assessment
- Independent learning and curriculum compacting and how these can be used for gifted learners

LESSON 3: Special Populations

- Twice exceptional students and how these students require additional support
- Indicators of twice exceptionality and strategies that can be used to teach this special population

LESSON 4: Practical Strategies

- Several practical strategies that can be used while working with gifted learners and special populations
- Pre-assessment in teaching gifted learners
- Strategies such as H.O.T.S, Morning Minute, Learning contracts and tiered instruction



ONLINE LRC: Understanding Special Learning Populations

Course Outline

SECTION C: *Understanding ADHD*

LESSON 1: Introduction

- Definition of and challenges in ADHD
- Causes of ADHD
- Strengths of students with ADHD
- Prognosis and treatment of ADHD

LESSON 2: Core Issues in ADHD

- The brain in ADHD and how the changes in the brain cause deficits
- Challenges in ADHD and strategies that may be used to overcome these, especially in the areas of attention, hyperactivity and impulsivity
- Strategies that are useful in working with students with ADHD including instruction sheets, classroom seating, movement breaks and rules
- Dealing with anger and addictive behavior in students with ADHD

LESSON 3: Associated Issues in ADHD

- Issues seen in ADHD including issues in organization, motivation and social skills
- How teachers may help students to organize their schoolwork and complete it
- How students with ADHD may be motivated
- How students with ADHD may be supported so that they build positive friendships in the classroom

LESSON 4: Accommodations

- Classroom accommodations that can help a student with ADHD to learn and perform well
- Modified seating and lighting
- How a classroom schedule and organization can support learning
- Adapting homework, visual aids and assessments in order to help a child with ADHD cope with the curriculum