

MERRIMACK EDUCATION CENTER

Summer 2008

Fitchburg State College and MEC Course Offerings



Merrimack Education Center
Professional Development
40 Linnell Circle
Billerica, MA 01821
(978) 528-7800, Extension 235
Phone in Registration (978)528-7800, Ext. 252(voice mail only)
www.mec.edu

Merrimack Education Center
Professional Development
40 Linnell Circle
Billerica, MA 01821

Degree Programs

For a brochure please call Eileen Crear at 978-528-7800 ext. 235

For information please call Isabelle Kunselman at 978-528-7800 ext. 238

M.Ed. Elementary Education

Program Description

The Merrimack Education Center offers a M.Ed. in Elementary Education uniquely designed to meet the needs of teachers. Students in the Masters Program are required to acquire thirty-six credits in a suggested sequence within six years. The program is flexible enough to serve a variety of student interests and life situations. A program advisor will assist each student in program planning, course scheduling, and selection of electives. Eight common core courses are required for each thirty-six credit program. The Masters in Elementary Education may be a part of a program leading to licensure.

M.Ed. Secondary Education

Program Description

The Merrimack Education Center offers a 36-credit hour generic Masters degree for teachers at the Secondary level that does not lead to licensure in any area. However, it may be part of a program leading to licensure. This program provides teachers with the opportunity to update their knowledge and skills and to participate in courses specific to their professional goals. The M.Ed. program addresses the education reform issues and curriculum/development models to meet the needs of today's school systems. It provides teachers with the latest researched-based practices and technologies to enhance classroom instruction. In addition to the required core courses the remainder of the curriculum will be individually planned with an advisor.

M.Ed. Special Education: Initial Licensure Program Teacher of Students with Moderate Disabilities

Program Description

The M.Ed. in Special Education program is designed to prepare students for careers in teaching children with moderate disabilities. Students may choose to work at grade levels Pre-K through 8, or 5-12.

M.Ed./CAGS Educational Leadership and Management: Technology Leadership

Program Description

This program is designed to provide future leaders in technology to school systems. The technology degree track will provide an in-depth examination of the implications of the technology revolution that has the potential to transform teaching and learning in our schools. Special emphasis will be placed on the key role that technology leaders have in initiating the processes of change, technology integration, and faculty development. The technology track will include a variety of opportunities for hands-on, technology-based experiences, and will include critical core courses in educational leadership and management.

M.Ed./CAGS Educational Leadership and Management Program Description

M.Ed.

The Master of Education in Educational Leadership and Management prepares the student to meet the standards of Massachusetts Educator Licensure as either a Supervisor/Director (P-12) or School Principal (P-6, 5-8,9-12). The program offers courses and experiences that equip school administrators with the skills and competencies necessary to become affective educational leaders.

CAGS

The purpose of this 39-credit program is to enable the professional educator who has earned his/her master's degree to pursue advanced graduate study in educational leadership and management, and prepares the student to meet the standards of Massachusetts Licensure as a Supervisor/Director (P-12) or School Principal (P-6, 5-9, 9-12).

Certificate of Advanced Graduate Studies in Interdisciplinary Studies in Education (CAGIS)

Program Description

Each student's CAGS program is planned under the direction of an advisor and is built on the academic background, professional position, and career goals of the student. CAGS programs consist of an integrated core curriculum, an internship, and elective courses. By broadening the individual's background the candidate becomes an effective leader who has the knowledge and skills to influence institutional reform.

Specialized Programs

District-Based Teacher's Preparation Program for Initial Licensure in Secondary Education

The Merrimack Leadership Academy

Superintendent Licensure Program

Principal/Assistant Principal Licensure Program

For more information on any of the above programs contact:

Isabelle Kunselman

40 Linnell Circle

Billerica, MA 01821

978-528-7800 ext. 238

ikunselman@meccorp.mec.edu

CLASS CANCELLATIONS

Occasionally, due to unforeseen circumstances, i.e., snow, power outages, instructor illness, etc., classes must be cancelled. Cancelled classes are always rescheduled. **IF EITHER THE CHELMSFORD PUBLIC SCHOOLS OR BILLERICA PUBLIC SCHOOLS ARE CLOSED ALL ACTIVITIES AT THE MERRIMACK EDUCATION CENTER IN CHELMSFORD AND BILLERICA ARE CANCELLED.** Teachers may use their own discretion in cancelling their classes due to inclement weather when Chelmsford/Billerica Public Schools are not closed.

TITLE IX & NONDISCRIMINATORY POLICY

The Merrimack Education Center is in compliance with federal regulations Title IX, Section 504 and the Commonwealth of Massachusetts regulations under Chapter 622 of the Acts of 1972 and does not discriminate in educational opportunities, admissions, recruitment, hiring or employment practices based on race, color, sex, religion, handicap, national origin, or sexual orientation.

Every effort has been made to make this publication accurate as of the publication date. It is subject to change at any time at the discretion of Fitchburg State College or the Merrimack Education Center. This publication is not intended to be a contract explicit or implied, and we reserve the right to cancel courses or make changes regarding the information contained herein.

- Cost for all courses is \$570 for MEC credit and \$776 for FSC graduate credit.
- Students may register from April 21, 2008.
- \$10 late charge after June 16, 2008.

- **Underenrolled courses will be cancelled ONE WEEK PRIOR to start of class.**
- Under the new recertification requirements, 3 graduate credits are worth 67.5 PDPs or 45 PDPs. MEC credit is worth 37.5 contact hours and a minimum of 37.5 PDPs. The PDP value of any course is a matter between the individual teacher, his or her district, and the Massachusetts Department of Education.
- **MEC CREDIT IS NOT FITCHBURG STATE GRADUATE CREDIT. However, the same amount of work and hours are required for either type of credit.**
- Purchase Orders must accompany registration form.
- Instructors may charge a materials/textbook fee up to \$150.00.
- **REGISTRATION BY PHONE: AUTOMATED PHONE-IN** (for MC, Visa and Discover only) **978-528-7800, Extension 252 (voice mail only)**
- All courses are graduate-level courses.
- No registration is complete unless payment is received and processed.
- **Refunds: 100%, less \$25 before 1st meeting, 50%, less \$25, before 2nd meeting, 0% after 2nd meeting.**
- For further information call 978-528-7800, Extension 235
- Contact MEC if you require special accommodations to participate in any of our staff development activities.
- **Transfer from MEC to FSC credit must be completed by the end of the first class.**
- **Transferred courses are only valid if taken within six years of graduation date**
- **NO MORE THAN TWO COURSES MAY BE TAKEN PRIOR TO MATRICULATION.**

Merrimack Education Center

Summer 2008

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Admission Procedure

Applicants for the enrollment in the Masters of Education are required to:

1. Complete Fitchburg State College application
2. Pay application fee of \$25.00 to Fitchburg State College
3. Provide the following:
 - copy of teaching license
 - 3 letters of recommendation
 - official transcript of undergraduate degree
 - resume
 - an official report of the Miller's Analogies Test (MAT) or the Graduate Record Exam (GRE)

PLEASE NOTE: MAT or GRE is not required if matriculating into the CAGS program or taking a second Masters.

Admission Process

Admissions materials are forwarded to the Department Graduate Committee. The Graduate Committee weighs the evidence submitted and recommends acceptance to the Graduate Dean who recommends and approves graduate admission. While the admission decision is based on minimum requirements, it is not perfunctory. Each applicant is screened based on this criteria.

Mail all documentation to:

**The Graduate Admissions Office
Fitchburg State College
160 Pearl Street
Fitchburg, MA 01420-2697**

The Field-Based Masters of Education in Elementary or Secondary Education offered at the Merrimack Education Center is designed to meet the professional development needs of teachers.

These programs are high-quality, specialized programs which may or may not lead to any specific area of licensure as defined by the Commonwealth of Massachusetts.

Math Perspectives Assessing Math Concepts Institute K-3

The Merrimack Education Center's Professional Development Program is pleased to announce that they will be sponsoring the highly acclaimed and popular Kathy Richardson's *Math Perspectives, Assessing Math Concepts Institute K-3*.

We are offering this five-day program on a first-come, first-served basis.

Date: Monday - Friday, July 7-11, 2008
Location: 40 Linnell Circle, Billerica, MA
Cost: \$650.00 (includes refreshments and lunch)
PDPs: 30
Time: 8:30 am - 4:00 pm

At an additional cost of \$250, students may take the course for 3 graduate credits through Fitchburg State College.

Program audience: Grades K-3 - classroom teachers, math coordinators, curriculum specialists, special needs teachers and building administrators.

We will need at least 26 participants and no more than 42. The last time this institute was offered in Massachusetts, it "booked" in 48 hours. We will need a written response to include the following:

School District
Name of Person
P.O./Check
Telephone Number (home and school)
Mailing Address
E-Mail Address

Books will be provided, along with interview sheets for class use only. If districts wish to purchase books, there will be an additional cost per participant.

Please mail or fax registrations to:

Professional Development
Merrimack Education Center
40 Linnell Circle
Billerica, MA 01821

Course Offerings Summer 2008

AMERICAN ROOTS: ART AND MUSIC OF THE HEARTLAND

3 credits **PDEV 6681**

This course stirs the melting pot of American culture to allow its core ingredients - folk art and music - to surface. Participants explore, through primary sources, oral/aural tradition, and hands-on crafting, the road that colonists, pioneers, and slaves traveled in search of their American dream. Teachers of art, music, science, social studies, literature or elementary classrooms benefit from this study of American cultural heritage. Art and/or music skills are not a prerequisite.

Frances Sacco
July 14 - July 18

84 Brick Kiln Rd., Chelmsford
8:30 am - 4:30 pm

ATYPICAL CHILD WITHIN THE REGULAR EDUCATION CLASSROOM

3 credits **PDMT 6000 level**

This course will explore ways of meeting the needs of the challenging child in the classroom. Participants will discuss various disorders from the DSM-IV which are commonly present in the public school setting. An overview of diagnostic procedures and instruments will be offered. The main focus will be on exploring strategies for meeting the needs of students with diverse needs within the public school setting.

Beverly Hegedus
July 14 - July 18

40 Linnell Circle, Billerica
8:30 am - 4:30 pm



CLASSROOM TECHNIQUES AND BEHAVIOR MANAGEMENT

3 credits **EDUC 6052**

This course will focus on the proactive procedure a teacher can utilize in order to secure and maintain a positive learning environment. Utilizing audio/visual material, small group discussions and a practical case-study approach, our emphasis will be on developing strategies which maximize the development of self-discipline on the part of each student. Expected learning outcomes will include an enhancement of one's: 1) ability to develop a classroom management plan, 2) ability to implement positive reinforcement and consequences in matters of student behavior, 3) strategies for developing effective partnerships with parents and peers; and, 4) conflict management skills.

Julie Kiricoples
August 4 - August 8

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

COLLEGIAL SUPERVISION

3 credits

EDLM 9020

The nature and function of supervision as it relates to both the teacher and the supervisor are studied. Also presented is a contemporary view of the concept of supervision from both a theoretical and practical perspective. The role of the "supervisor" is discussed as it has evolved from the traditional model to the instructional leadership model - a model that embraces collegiality and professional development. Included are strategies and processes related to a variety of supervisory models, e.g.: clinical supervision, mentoring, differentiated supervision, cooperative development, and self-directed development. Emphasis is on studying ways in which the planning, organization, and evaluation of instruction may be effectively improved through the cooperative participation of school personnel.

Daniel Leclerc
*July 14 - July 18
*August 4 - August 8

40 Linnell Circle, Billerica
1:00 pm - 5:00 pm
8:00 am - 12:00 pm

*Please note dates and times (must attend both weeks)

COMPUTERS AND WRITING

3 credits

ETEC 8600

This course provides teachers and administrators, at all levels, and in all subject areas, with strategies for developing and implementing a computer-assisted process writing program in their classrooms and schools. Participants examine the process of writing (generating ideas, drafting, responding, revisiting, editing, and publishing) and are introduced to ways of using the computer to facilitate writing growth at each stage. Working with current writing software programs, editing tools, and desktop publishing packages, participants devise a computer-assisted writing program for their own classrooms and schools. Previous computer experience is not required.

Karen Morin
July 28 - August 1

PC Lab, 40 Linnell Circle, Billerica
8:30 am - 4:30 pm

CONSTRUCTION AND USE OF READING GAMES

3 credits

EDUC 7008

Participants are involved in developing and assessing learning games used for reading instruction. Many methods and materials are presented, shared, and discussed by the instructor. Reading games are made by course participants to meet their individual needs in the classroom. Flexibility and adaptability of games will be emphasized in a variety of learning situations. This course is applicable to grades K-12.

Connie Gale
July 21 - July 25

84 Brick Kiln Rd., Chelmsford
8:30 am - 4:30 pm

THE CONTEMPORARY EDUCATIONAL LEADER

3 credits

EDLM 9600

This course explores the significant issues and relevant research affecting individual and systemic educational leadership. Candidates will actively investigate such topics of contemporary concern as diversity, reform movements, the profession of teaching, the power of leadership, creative curricula, innovative learning environments, the promise and potential of new educational technologies, equity in funding, and financial megatrends. The course will provide administrators and staff developers with new insights into the key ideas and critical components of proactive leadership.

Kevin O'Malley
*July 7, 8, 9, 31 August 1

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

*Please note dates

CONTENT INSTRUCTION IN A STANDARDS-BASED CLASSROOM

3 credits **EDUC 7029**

The purpose of this course is to provide the participants with the knowledge, skills and understanding to provide instruction in content in a standards-based learning environment. Participants will conduct a brief review of literature of the essential concepts and skills of a content area(s), design an environment conducive to content learning, align learning experiences with the Massachusetts Frameworks and National Standards, and develop lessons to engage students with the diverse learning abilities in achieving high learning standards. They will also develop appropriate assessment strategies to align with goals of this program. This is a practical and comprehensive course designed to assist the teacher in designing a standards-based classroom.

Emphasis will be focused on the Massachusetts State Frameworks. In accordance with our goal, **NO CHILD LEFT BEHIND**, particular emphasis will be placed on Math and Language Arts. However, the course will cover other content areas to include: Science, Social Studies, Foreign Language and Special Education. Classroom and content area teachers K-12, special educators, and administrators are invited to participate in this institute. Practical, hands-on materials will be developed and shared. Lessons will be aligned with the Massachusetts State Frameworks. Assessment will also be an integral part of lesson development and classroom management in order to help meet educational goals as they apply to achievement in MCAS.

Margi Lanzoni PC Lab, 40 Linnell Circle, Billerica
August 11 - August 15 8:30 am - 4:30 pm

COOPERATIVE LEARNING STRUCTURES & STRATEGIES IN THE CONTENT AREA

3 credits **EDUC 7022**

This is a comprehensive course in Cooperative Learning which is designed to provide an in-depth look at a variety of instructional practices and strategies appropriate for effective teaching and learning in the inclusionary and heterogeneous classroom. Theoretical study of Johnson & Johnson, Kagan, Slavin, Kohn, Aaronson and Lanzoni will be included in this course. This course is open to regular and special education teachers as well as administrators. Learning objectives are pertinent for all disciplines including: Math, L.A., Social Studies, Science, Special Education, ESL, Foreign Languages, and Unified Arts. Class projects will align with the requirements of State and National Standards. Participants will research, investigate, and develop strategies according to the above mentioned criteria. This will all result in meaningful products which can be used to improve current classroom instruction.

Margi Lanzoni 40 Linnell Circle, Billerica
August 4 - August 8 8:30 am - 4:30 pm

CREATING EDUCATIONAL WEBSITES

3 credits **ETEC 8700**

Learn how to create an effective and attractive educational website for students and your community. This course will focus on creating web pages with Web authoring tools. Using these tools, you will be able to publish to the World Wide Web without having to do any programming. Upon completing this course, you will have your own website on the Internet. Prior to enrolling, you should have general experience with the Internet and specifically the World Wide Web.

Brandon Eang PC Lab, 40 Linnell Circle, Billerica
July 21 - July 25 8:30 am - 4:30 pm

**Summer 2008
REGISTRATION BY MAIL FORM**

Social Security Number _____

Name _____

Street _____

City _____ State _____ Zip _____

Home Phone _____ Work Phone _____

e mail: _____

School/District _____

FSC-graduate credit (\$776) workshop (\$150)
 MEC credit (\$570)

Course Title _____

Location _____

Course Title _____

Location _____

Course Title _____

Location _____

\$ 10 late fee - after June 16, 2008

Total Payment Enclosed \$ _____

Method of Payment:

Check or money order (Payable to MEC)

MC, Visa, Discover # _____

Expiration Date _____

Professional Development Office

40 Linnell Circle

Billerica, MA 01821

Telephone (978) 528-7800 Extension 235

Phone in Registration (978) 528-7800, Ext. 252 (voice mail only)

CREATING VISUAL MEDIA TO IMPROVE INSTRUCTION “MOVIE MAKING FOR EDUCATORS”

3 credits

PDMT 6017

This course will offer students an introduction to movie making on desktop video production. Using state-of-the art editing software (Final Cut Pro HD) desktop editing software, students will focus clearly on defining message content, intent and their target audience. Students will complete projects including, pre-production, storyboarding, production logo, and planning sequence. They will also learn the fundamentals of non linear editing, camera composition, rule of third, and interpersonal communication. Students will shoot on a digital camcorder with mini-DV video format. Students are required to purchase one mini-DV tape.

Brandon Eang

***Westford Academy, Westford Room 206**

***7:30 am - 3:30 pm**

July 7 - July 11

***Please note location and times**

CURRICULUM AND TECHNOLOGY

3 credits

SEED 8250

BIOL 8250, ENGL 8250, ESCI 8250, HIST 8250, SCED 8250

This course looks at integration of educational technology in the classroom, and its relationship to learning theories. MAC and IBM computer hardware, and interfaces for classroom inquiry including video and microscope cameras, digital image capture, scanners, and computer projection panels are examined. Students learn similarities between standard software programs available for writing, computation, and data analysis. It includes a survey of software for studies, ranging from Encyclopedias on CD-ROM to programs that are specific to the study of various topics in science, art literature, math, and, language. The class explores the use of the Internet as a classroom resource, the hardware and software necessary to get online, search engines, browsers, URLs, online journals, education web sites, online interest groups, and how to design a web page.

Daniel Leclerc

PC Lab, 40 Linnell Circle, Billerica

***July 7 - July 18**

***8:00 am - 12:00 pm**

***please note dates and times no classes on Saturday or Sunday**

****Blackboard Hybrid Course (FSC credit only), \$15 Blackboard user fee**

DEVELOPING INTERDISCIPLINARY MATH LEARNING CENTERS

3 credits

EDUC 7006

This course explores a variety of instructional strategies and materials inherent in developing and implementing multi-level, multi-media Math Learning Centers. These centers are applicable to a variety of learning styles and methodologies. We will focus on integration and interdisciplinary criteria as they apply to Math and a variety of curriculum areas. NCTM standards will be discussed. Participants will develop and construct an Interdisciplinary Math Learning Center to be used in their own classrooms. Techniques for effectively incorporating cooperative learning into the implementation of these centers will be presented and explored. We will review how to provide reinforcement for MCAS skills with the use of Learning Centers. Scheduling, testing, assessment and evaluation techniques will be an integral part of the focus of this very practical, exciting K-12 course.

Connie Gale

84 Brick Kiln Rd., Chelmsford

July 28 - August 1

8:30 am - 4:30 pm

DEVELOPING MATH MATERIALS FOR CLASSROOM USE

3 credits

EDUC 7007

This course involves the construction and use of varied math materials used for instruction in K-12 classrooms. Displays of multi-level, multi-media materials emphasize hands-on methods of instruction. Scheduling and evaluative techniques are also discussed. Please bring index cards, stickers, text and scissors to class.

Jane Molchan

40 Linnell Circle, Billerica

August 11 - August 15

8:30 am - 4:30 pm

DIFFERENTIATING CONTENT INSTRUCTION IN INCLUSIVE CLASSROOMS

3 credits

SPED 8011

This course will delineate instructional and managerial strategies that can be used in classrooms to address the individual learning needs, strengths, and styles of all students. Emphasis will be placed on best practices that maximize student learning within the regular classroom. The most current and promising practices, as well as relevant research, will be presented. Areas of specific study will include special education, second language learners, learning style and brain research, gifted and talented, technology and rubric design. **The varied learning environments, content, processes and product for the course strive to reflect the best practices in differentiated instruction.**

Gail Cahill

40 Linnell Circle, Billerica

July 14 - July 18

8:30 am - 4:30 pm

DYNAMICS OF PLANNED CHANGE

3 credits

EDLM 9100

A study of planned change, essentially aimed at education, which includes review and analysis of sociological and psychological factors inherent in the change process. Such topics as organizational behavior, intervention theory, inter-group relations, and management techniques, among others, are reviewed. The course schedule includes a series of multi-hour sessions mixing lecture, simulation, problem-solving and discussion of the four major components of the course: Organizations; Planned Change; Strategic Planning; and Managing Change. All topics are considered in the light of the overall objective of changing/improving schools with an eye toward improving the education of children and, consequently, improving their lives.

Diane Bemis

40 Linnell Circle, Billerica

***June 26 - July 2**

8:30 am - 4:30 pm

***Please note dates no classes on Saturday or Sunday**

EDUCATIONAL GAMES: A HANDS-ON APPROACH TO LEARNING MATERIALS

3 credits

EDUC 6139

Both students and teachers enjoy educational games to infuse and reinforce educational strategies such as critical thinking, cooperative learning and outcome assessment. Whole class games - Jeopardy, Concentration, Wheel of Fortune, Bingo, Tic-Tac-Toe, and Smart Toss - will be featured. Hands-on sessions will give participants an opportunity to construct these games for any discipline. Games integrate Framework content and foster thinking skills. Pre-K-12.

Elizabeth Luz

40 Linnell Circle, Billerica

July 14 - July 18

8:30 am - 4:30 pm

EDUCATOURS: ON-SITE EXPLORATION - RESOURCES FOR GENERATING WRITING ACTIVITIES ALIGNED WITH THE MASSACHUSETTS COMMON CORE OF LEARNING

3 credits

PDEV 6273

This course will offer participants the opportunity to visit historic sites and museums in order to gather creative ideas for constructing frameworks-oriented curriculum for all subjects and grade levels. A particular advantage of this class is that it will give teachers a working knowledge of each site with the assistance of the educational director in charge of school programs. Each day's itinerary will generate lessons that call for inquiry-based learning, critical thinking, and skillful writing. Our visits include the MIT Museum, the Longfellow House and its Brattle Street neighborhood including the Mt. Auburn Cemetery; Walden Pond with Thoreau impersonator and scholar, Richard Smith; Orchard House, The old Manse, and Sleepy Hollow Cemetery; the Fruitlands Museums; the Peabody-Essex Museum, the Stephen Phillips House; the Salem Customs House and the Friendship Cargo Ship.

Joanne Byrnes/Risa Dubin/Mary May *Chelmsford High School

July 7 - July 11

8:30 am - 4:30 pm

***Please note location**

FROM READING TO WRITING

3 credits

PDEV 6877

This course paves the way for a writing workout tailored for students from grades 4-10. Each segment begins with a reading from multicultural literature chosen both for its appeal and also for its designation as a model of excellence in writing. These selections, each exemplifying a particular writing technique, engage the reader and then provide scaffolding for the development of solid writing skills and activities generated by the standards of the DOE, the NCTE, and the IRA. Students climb from the introductory level of word choice, sensory imagery, and figurative language to mid-level writing of paragraphs polished by sentence variety and supported by textural references. These lessons also lead the writer around obstacles to paragraph focus, organization, unity, and coherence. Ultimately, the reader-writer advances to multiparagraph papers that contain a thesis statement, well-chosen support, and an effective conclusion. Teachers who take this course will leave prepared to help their students face the "Writing on Demand" assignments presented in high-stakes testing. They will also have a portfolio of self-created lessons for works they use in their classrooms. Participants must bring to class one novel and/or three short stories that are part of their curriculums.

Joanne Byrnes/Mary May

*Chelmsford High School

July 14 - July 18

8:30 am - 4:30 pm

***Please note location**

HUMAN RESOURCES AND PERSONNEL ADMINISTRATION

3 credits

EDLM 8010

This course focuses on establishing the rationale and organizational structure that supports effective human resource administration. Among the topics included in this course are staff selection, teacher induction, teacher tenure, promotion and dismissal, salary scheduling, policy making, relations with professional and nonprofessional personnel, and employee welfare. Emphasis is placed on the interpersonal dynamics of the educational enterprise as it relates to human resource management. Additionally, there is an exploration of issues involving, affirmative action and concerns about the under representation of minorities in teaching and administration.

John Mara

40 Linnell Circle, Billerica

*July 10, 11 August 28, 29, 30

8:30 am - 4:30 pm

***Please note special scheduling**

INTEGRATING TECHNOLOGY INTO THE MATH CURRICULUM K-12

3 credits

PDEV 6258

Integrating technology into the math curriculum is designed for elementary, middle and high school classroom teachers, lead teachers and curriculum coordinators who want to develop practical and useful integrated lessons and units for their own use or to share with others. This hands on course will develop strategies for teachers to evaluate mathematics software and internet sites and use the best pieces to develop integrated math units for their classroom. Units will be developed in coordination with the Massachusetts State Frameworks for Mathematics and the National Council of Teachers of Mathematics Principles and Standards for School Mathematics 2000. Participants will share an integrated project that they design and will implement in their own classroom or school setting. Basic computer knowledge is suggested.

Jacqueline Scheibel

*Florence Sawyer School, Bolton Room 202

July 23 - July 27

*8:00 am - 4:00 pm

***Please note location and times**

INTEGRATING WEB 2.0 TOOLS IN THE CLASSROOM

3 credit

PDMT 6100

The internet is changing. The "new" internet is referred to as Web 2.0 or the Read/Write Web. There are now a multitude of web-based tools available that can allow people, to write online documents, and share information with others through social software like blogs and wikis and use video to support teaching. These tools can positively impact teaching and learning and the implications are significant. This course is designed to provide teachers with an overview of new internet technology tools (Web 2.0 tools, including Blogs, Podcasting, Wikis, RSS Skype, YouTube, TeacherTube, and more). This course will support differentiated instruction models of learning and can be applied to all grade levels and content areas (language arts, social studies, science, math, world language, music, special education, library/study skills, etc).

Mary Marotta

*Nashoba Regional High School Bolton, Room 222

June 23 - June 27

8:30 am - 4:30 pm

***Please note location**

Special scheduling - Hybrid class (Monday, Tuesday and Thursday at Nashoba and Wednesday and Friday online)

**INTEGRATION OF HANDMADE BOOKS ACROSS ALL
CONTENT AREAS K-12**

3 credits

PDMT 6027

This course looks at the integration of handmade books in the classroom and its relationship to learning theories. Hands-on sessions will give participants an opportunity to construct these books for any discipline or grade level. In addition, participants will obtain an insiders view of the children's book publishing process. Hand-crafted books integrate Framework content and foster critical thinking skills. Participants should have resources for their own content areas on hand in order to produce usable book prototypes.

Elizabeth Luz
June 23 - June 27

84 Brick Kiln Rd., Chelmsford
8:30 am - 4:30 pm

LEARNING AND THE BRAIN

3 credits

PDEV 6643

This course is designed for teachers, principals, and administrators for the purpose of focusing on new knowledge and understanding of how the brain functions in order to improve schooling and learning. The latest information and findings in cognitive neuroscience will be explored for participants to gain insights that will transform thinking about instruction, curriculum, and school environments.

Christine Parish
August 11 - August 15

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

LEGAL ISSUES IN PHYSICAL EDUCATION AND ATHLETICS

3 credits

EXSS 6000

In the areas of physical education and athletics, the words negligence, liability, and discrimination are legal terms we should be familiar with and understand. Today, litigation is abound in our society. There is an ongoing need to be educated in the areas of school-related safety and civil rights. This course will provide vital insights into the legal responsibility associated with physical education and athletics. Administrators, educators and coaches must be proactive to protect the well-being and individual rights of all students/athletes. Current school issues, policies and practices in the areas of physical education and athletics will be researched and discussed.

Anthony Catalano
July 21 - July 25

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

LITERACY IN ELEMENTARY AND MIDDLE SCHOOL EDUCATION*

3 credits

EDUC 8400

This specialized course in literacy education examines research and literature related to literacy development. Specific attention is focused on language development, reading/writing process, and on literature-based instruction. Classroom strategies and curriculum adaptations that enhance the learning and motivation of diverse learners, including those which integrate the Fine Arts, are presented, implemented, and appraised.

Claire Grant
July 28 - August 1

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

MATH PERSPECTIVES: ASSESSING MATH CONCEPTS

3 credits

PDMT 6044

Math Perspectives: Assessing Math Concepts is an in-depth study of how children learn number concepts. Participants spend the week immersed in looking at children's thinking and learning in order to identify students' instructional needs. Participants will learn to use "Assessing Math Concepts," developed by Kathy Richardson. Their experiences will allow them to use the assessments in classrooms and enable them to assist others in their use.

Mary Waight
July 7 - July 11

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

**COST \$650 - includes refreshments and lunch
additional cost of \$250 for FSC credit**

MEDIEVAL IMMERSION

3 credits

PDEV 6529

Travel back in time in this interdisciplinary history and art course. Increase your knowledge of medieval lifestyles, individuals, inventions, architecture and legends. Examine and interpret historians' changing opinions about this period including the "medieval industrial revolution" and opportunities for women. Attention to frame-works topics. Practice hands-on activities applicable to the classroom: sing, dance, feast, create a "medieval" play, make coats-of-arms, illuminated manuscripts, simple costumes, and more. Develop and share curriculum units and write/present your medieval "autobiography".

Adaptable to K-12 classrooms.

Hope Luder
July 28 - August 1

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

MEMOIR: ITS ROLE IN THE HUMANITIES, GRADES 5-12

3 credits

PDMT 6000 level

Memoir peoples the cultures of the world and periods of history, bringing alive the voices and experiences of time and place. While the well-crafted memoir uses many of the tools of prose fiction, including setting, characterization, dialogue, point of view and voice, the ethical author is judicious, keeping authentic the remembered incidents and conversations selected in the memoir. This course will examine the ethics and role of memoir in the humanities curriculum, generating activities and units of study consistent with the Massachusetts Curriculum Frameworks and relevant to each teacher's grade and humanities discipline. To this end, please bring a pertinent memoir of your choice to the first class.

Margaret Bourgeois
July 21 - July 25

40 Linnell Circle, Billerica
8:30 am - 4:30 pm



METHODOLOGIES IN APPLIED BEHAVIOR ANALYSIS

3 credits

PDMT 6000 level

This course is designed to explore strategies used to establish, strengthen and weaken target behaviors using the methodologies found in the science of applied behavior analysis. Topics such as generalization, maintenance, curriculum modification, errorless teaching, antecedent control procedures, shaping and chaining procedures, differential reinforcement procedures and punishment procedures will be studied, along with the use of discrete trial training.

Amy-Joe Mongeau
July 28 - August 1

40 Linnell Circle, Billerica
8:30 am - 4:30 pm



PLAY IN EARLY CHILDHOOD EDUCATION: THEORY, RESEARCH, PRACTICE

3 credits

EDUC 7190

This course is designed for early childhood educators and students of early childhood education who are interested in investigating play, the most important means that young children have in growing cognitively, socially, emotionally, physically, linguistically and kinesthetically. Theories of play, methods to enhance development through play and effective approaches to support young children's play, as well as materials and resources, are explored.

Nancy Tyler Higgins
July 21 - July 25

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

POSITIVE STUDENT MANAGEMENT

3 credits

PDMT 6000 level

This course is based on the proactive steps that a teacher can take to effectively communicate and develop appropriate classroom management strategies for students. We will focus on the need for teachers to assertively communicate to students the expectations that he/she has for the class and to reinforce group and individual requirements with specific rewards and consequences. As a result of our course participants will be better able to: (1) proactively establish positive rapport with students; (2) conference with parents; (3) develop, in conjunction with students a classroom management plan; (4) focus on positive student progress; (5) help students determine their own self-discipline awareness; and, (6) consider skills in other areas of conflict (in life) to show relevancy.

William Tsimtsos
June 23 - June 27

40 Linnell Circle, Billerica
8:30 am - 4:30 pm



PUPPET POWER IN THE CLASSROOM: UNLOCKING DOORS TO THE MIND

3 credits

PDMT 6000 level

This course will provide an overview of puppetry in education and how it can stimulate learning and provide a unique way to assess understanding of literature, social studies, multi cultural issues, and interpersonal relations. Teachers will learn how to construct a variety of puppets/masks, how to use them in an expressive way, and how to use them effectively in the inclusion classroom. Applicable for grades K-12, including special needs, bi-lingual and ESL.

Judith O'Hare
August 11 - August 15

40 Linnell Circle, Billerica
8:30 am - 4:30 pm



READING AND UNDERSTANDING PEOPLE

3 credit

PDEV 6878

This is a course that offers practical knowledge to be applied anywhere in life when interacting with people. Reading and understanding people is an invaluable skill. Teaching is about fulfilling the needs of the learner. In order for educators to succeed in being effective with their students, they need to be up to par in their people reading skills. It is not only important to understand the concepts to be taught and why the learner needs to learn them, but it is also important to understand what will motivate the learner to respond positively to the learning environment that's provided. Honoring differences is the key. Participants will look at dozens of characters from popular books, movies, and TV to bring alive the temperament and personality styles depicted and defined by behavioral scientists. Other aspects in the course will involve looking at critical clues to a person's integrity, work habits, special interests and becoming more aware of the myriad of nonverbal messages one conveys.

Christine Parish
June 23 - June 27

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

RESEARCH AND APPLICATION OF MEDIA FOR CLASSROOM INSTRUCTION "ADVANCED PHOTOSHOP FOR THE CLASSROOM TEACHER"

3 credits

PDEV 6079

This course will offer students a continuation of Photoshop and give them deeper understanding of the tools and concepts used in the production of digital images. Students will further develop their editing skills in using state-of-the-art editing software (Adobe Photoshop CS), and also practice using advanced-level techniques to create visually dynamic images solution. Assignments will focus on visual problem solving for digital imaging from conceptual stage through finish art. Students will be directed to resources that will reinforce their learning, and understanding to improve their skills, such as Commercial Arts, Prints, related books and Internet sites.

Brandon Eang
July 14 - July 18

*Westford Academy, Westford
*7:30 am - 3:30 pm

*Please note times and location

RESEARCH AND APPLICATION OF MEDIA FOR CLASSROOM INSTRUCTION "PHOTOSHOP FOR THE CLASSROOM TEACHER"

3 credits **PDEV 6111**

Now is the time of low-priced digital cameras, inexpensive RAM upgrades, scanners, flashcard readers, and the many web possibilities make this course a necessity for the innovative teacher. Photoshop, the premier image editing application, has gone from an expensive luxury to a cost-effective need. Applications using edited images are now used regularly in presentations, newsletters, fliers, and web pages. The ability to enhance captured images adds an important component for the teacher.

Brandon Eang *Westford Academy, Westford
*June 24 - June 30 *7:30 am - 3:30 pm

*Please note dates (no class on Saturday or Sunday), location and times

SEMINAR: RESEARCH IN EDUCATIONAL LEADERSHIP

3 credits **EDLM 8050**

This course is designed to acquaint the candidate with the current research in educational administration and how to assess its effectiveness and pertinence to educational problems and issues in our cultures. Quantitative and qualitative educational research findings will be identified and assessed. Candidates will design an action research project that will prepare them to address current critical educational issues in an informed and lucid manner. Field based experiences are a mandatory part of this course.

Michele Zide PC Lab, 40 Linnell Circle, Billerica
*June 24, July 9, 30, August 13 *5:00 pm - 9:00 pm

*Please note dates and times

** Blackboard Hybrid Course (FSC credit only), \$15 Blackboard user fee

SCIENCE AND THE LIVING WORLD: ELEMENTARY LIFE SCIENCE SERIES

3 credits **PDMT 6113**

This course is aimed at helping elementary teachers with the elementary life science curriculum Standards. This course will broaden science content knowledge, introduce new inquiry-based teaching strategies, and help you integrate more technology into your lessons. This course draws on the resources of WGBH/Teachers' Domain and includes downloadable short clips from public broadcasting programs such as NOVA and ZOOM. This is the first course in a series for teaching life science in the elementary school. This course is online with the convenience of working at one's own pace and without travel. This course will also count as a content course for elementary Recertification.

Dr. Christopher Cratsley **ONLINE**
July 7 - August 15 **ONLINE**

On-line Introductory Session: (optional) Wednesday, June 25, 5:00 pm

** Blackboard Hybrid Course (FSC only), \$15 Blackboard user fee. Students must register with the Merrimack Education Center no later than two weeks prior to the first class, by June 20, in order that access to Blackboard is established.



ONLINE

ONLINE

SHAKESPEARE: HISTORY, POLITICS, AND POWER IN THE CLASSROOM

3 credits **PDMT 6000 level**

This course examines five of Shakespeare's history plays in relation to the culture and politics of both Shakespeare's world and our contemporary one. Special emphasis will be placed on the history plays in regard to power, politics, leadership, and literary aesthetics.

Margery Kimpton 40 Linnell Circle, Billerica
August 11 - August 15 8:30 am - 4:30 pm



TEACHERS ROCK (AND ROLL) (K-12): DEVELOPING HIGHER ORDER THINKING THROUGH MUSIC INSTRUCTION

3 credits **PDMT 6000 level**

Students in this course will develop lesson plans using music to promote higher order thinking skills across disciplines. Music from the Rock and Roll Hall of Fame will enable participants to delve into the creative, critical, and social aspects of the issues raised by the music and its artists. History, literature, culture, media, and politics are among the topics to be discussed in creating lessons. Participants in this course will also be provided with lesson plans that promote learning standards as articulated in the Massachusetts Curriculum Frameworks.

Richard Moore 40 Linnell Circle, Billerica
August 18 - August 22 8:30 am - 4:30 pm



TEACHING AND UNDERSTANDING WORLD CULTURES - GRADES 3-11

3 credits **PDMT 6000 level**

Under the Massachusetts Curriculum Frameworks, this course attempts to broaden the background of all teachers preparing students to live in a global society. What works in the classroom will be the focus of this course covering: Africa, China, India, Japan, Middle East, and Russia. New materials, videos, mnemonic devices, and a new grading system for maps made by students will be highlighted. Sources and resources will be discussed. \$10 materials fee payable at first class.

Theodore Kyrios 40 Linnell Circle, Billerica
July 28 - August 1 8:30 am - 4:30 pm



TEACHING IN THE INTERACTIVE CLASSROOM

3 credits

PDMT 6000 level

This course is designed to introduce the digital interactive classroom. Participants will use the Smart interactive whiteboards and Smart Notebook software to explore and create interactive lessons by content level. This course will show teachers how to use the new Smart Senteo interactive response system that will be used as an assessment tool to support the classroom instruction. Other emerging technologies such as the tablet pcs, document cameras, classroom management software, ipods, and other web tools such as blogs and wikis will be used to support the interactive classroom.

Mary Marotta

40 Linnell Circle, Billerica

August 18 - August 22

8:30 am - 4:30 pm



TEACHING LITERACY IN SOCIAL STUDIES AND SCIENCE IN GRADES 1-8

3 credits

PDMT 6000 level

Students will learn how to use writing techniques, reading strategies, and varied activities to help the children better understand and master the social studies and science information and concepts developed in grades 1-8. Go back to your classroom with sample lessons and many effective ideas. Please be prepared to bring your designated textbooks to class. Note: This course can easily be adapted to higher grade levels.

Karen Morin

40 Linnell Circle, Billerica

August 18 - August 22

8:30 am - 4:30 pm



TEACHING THE TRADITIONAL ARTS OF JAPAN - I

3 credits

PDMT 6000 level

Examine traditional Japanese arts using a "hands on" approach. Arts to be explored include: Bunraku (puppet making), bonsai (tree dwarfing), Haiku (poetry), tea ceremony (including tea bowl making), kite making, Ikebana (flower arranging), and origami. The course will show how to adapt these arts into successful classroom use for grades three to eleven learners.

Theodore Kyrios

40 Linnell Circle, Billerica

August 4 - August 8

8:30 am - 4:30 pm



TEACHING THE VIETNAM WAR: GETTING THE ESSENTIALS DOWN

3 credits

PDEV 6987

An exploration of the Vietnam War and its meaning for the United States and Vietnam in the new millennium. What was the war all about for the U.S.? Where is Vietnam and who are the Vietnamese? What was the war like for the soldiers on all sides who fought it? How did the war begin and why did it end the way it did? Why was the war so divisive at home? What are the lessons of the war? And what light does the Vietnam experience shed on U.S. society and U.S. foreign policy today? In examining these core issues, participants will become aware of resources (written, visual, and human), particularly primary sources - not readily available to most teachers. While the course will be especially useful to secondary school history teachers, it should also be attractive to all teachers who see the value personally and professionally in grappling with one of the most controversial events in our national history.

Paul Shannon

40 Linnell Circle, Billerica

August 4 - August 8

8:30 am - 4:30 pm

TOPICS: ADVANCED DRAWING INTENSIVE

3 credits

CRAR 7000 level

This is an advanced course in drawing for students who have had previous drawing experience. This course focuses on free-hand drawing, representational objects, natural forms, problems of analysis, idea development, response, perception, composition, and technical standards. Students will develop their understanding of contour, gesture, indication of surface texture, form, tone, and spacial development. Anatomy and structure of the figure and head will be covered in depth.

Robert Collins

40 Linnell Circle, Billerica

July 21 - July 25

8:30 am - 4:30 pm



TOPICS: FUNDAMENTALS OF DRAWING 1

3 credits

CRAR 7000 level

This is a foundation course in drawing for the advanced art candidate or the individual candidate who seriously wants to learn how to draw realistically. The manner in which the material is presented is intended for the novice, however, those with more advanced skills will also benefit from this course. This course focuses on free-hand drawing, representation of objects, natural form, problems of analysis, idea development, response, perception, composition, and technical standards. Candidates will also develop an understanding of contour, gesture, indication of surface texture, form, tone, and spacial development.

Robert Collins

40 Linnell Circle, Billerica

July 7 - July 11

8:30 am - 4:30 pm

TRAUMA SENSITIVE PRACTICE FOR THE SCHOOL SETTING

3 credits

PDMT 6000 level

This course will examine educational practices that enable schools to become supportive environments in which traumatized children can focus, behave appropriately and learn. The course will address the antecedent life events that contribute to traumatic consequences for children and ultimately compromise school success. The course utilizes case studies, video, group discussion and lecture. Participants will create an action plan for implementing trauma sensitive practices in the school setting including classroom management, instructional and assessment strategies and comprehensive support services. This course is appropriate for administrators, educators, counselors and school nurses.

Donna Georges
June 23 - June 27

40 Linnell Circle, Billerica
8:30 am - 4:30 pm



UNDERSTANDING ALGEBRA CONCEPTS AND REASONING AND STRATEGIES FOR STRENGTHENING STUDENT UNDERSTANDING

3 credits

PDMT 6026

Algebra can be thought of as a language, a way of thinking which helps develop anyone's logical and critical reasoning capacity, and which has become more and more crucial for children entering the future work world. This course is designed for any elementary or middle school educator who wishes to dramatically increase their own comfort level in working with algebra. The focus is on developing confidence in your ability to speak the language of algebra and reducing the fear of the subject. We accomplish this through standard questions as well as interesting or non routine problems.

Grant Phillips
July 7 - July 11

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

WRITING TO UNDERSTAND POETRY

3 credits

PDEV 6875

This research-based course is designed for classroom teachers, administrators, curriculum coordinators, Chapter I, ESL, Bilingual, and special needs teachers who want to involve themselves in the process of writing poetry and become more knowledgeable about the teaching of poetry.

Margery Kimpton
July 21 - July 25

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

WRITING WITH AND FOR CHILDREN/LITERATURE FROM THE INSIDE OUT

3 credits

PDMT 6019

In a twist to the traditional study of prose fiction in which literature is presented, read and analyzed, this course first engages the teacher and the student in the process of writing prose fiction. Focusing on the elements of style, teachers and students create and share their work, developing working definitions and models applicable to the literature of all grades. Hands on, classroom ready exercises and activities focus on setting, description, character development, plot structure, conflict and point of view.

Margaret Bourgeois
July 14 - July 18

40 Linnell Circle, Billerica
8:30 am - 4:30 pm

*Each program core course includes task(s) which require each student to access and use library materials appropriate for graduate-level study and research, including meaningful primary resources. The same literature review and library use standards apply for each student in each core course irrespective of the specific course schedule. It is the student's personal responsibility to access the library materials needed for such graduate-level study and research.

****Blackboard Courses (must be taken for FSC credit) - Students must register with the Merrimack Education Center office no later than 2 weeks prior to the first class in order that access to Blackboard be established. A Blackboard course is a combination of classroom and online participation. Students must have Internet access. There is a \$15 Blackboard user fee.**

*Our onsite cafeteria
Joe's Bistro
offers continental breakfast and lunch*

WORKSHOPS

ASPERGER SYNDROME: A SPECIAL CHALLENGE FOR EDUCATORS

Facilitator: Julie Kiricoples
Dates: August 21 & August 22
Location: 40 Linnell Circle, Billerica
Cost: \$150
Time: 8:30 am - 2:30 pm
PDPs: 10

Neurobiological information will be presented to provide a conceptual framework for teaching students with Asperger Syndrome. Social interactions, emotional IQ, conversations and imagination, flexibility of thought and sensory/motor functions will be topics examined. Social skills development will be explored in depth through the use and implementation of social stories using Carol Grey's model. Educational accommodations (IEP) for the Asperger student will be presented. **A \$30 materials fee (paid at first session) will cover the cost of a professional Resource Book.**

MICROSOFT OFFICE FOR CLERICAL STAFF - BEGINNER

Facilitator: Diane Boyajian
Date: August 5
Location: PC Lab, 40 Linnell Circle, Billerica
Cost: \$125
Time: 9:00 am - 3:00 pm

Do you need to polish your skills with the Microsoft Office Suite (Word, Excel, PowerPoint)? In this hands-on workshop, participants will learn time-saving formatting tips to help eliminate repetitive tasks and increase your productivity. You will also learn how to create tables, enter formulas in spreadsheets, create professional looking graphs and charts, and create impressive presentations.

MICROSOFT OFFICE FOR CLERICAL STAFF - ADVANCED

Facilitator: Diane Boyajian
Date: August 7
Location: PC Lab, 40 Linnell Circle, Billerica
Cost: \$125
Time: 9:00 am - 3:00 pm

Going beyond the basics of Office, this workshop will focus on the time-saving features that will help you become more productive with Word, Excel, and PowerPoint. Participants will learn how to create templates, work with large documents, manage and present data, and use the advanced database features of Excel. Feel free to bring any documents or spreadsheets with you for personalized help.

The Merrimack Education Center Announces a Unique Online Partnership with WGBH and Fitchburg State College

Online Professional Development Opportunity for Elementary Teachers in Teaching Life Science

The Merrimack Education Center in partnership with WGBH/Teachers' Domain and Fitchburg State College is offering a three-credit online graduate course, **Science and the Living World**. This course is aimed at helping elementary teachers with the elementary life science curriculum Standards. This course will broaden science content knowledge, introduce new inquiry-based teaching strategies, and help you integrate more technology into your lessons. This course draws on the resources of WGBH/Teachers' Domain and includes downloadable short clips from public broadcasting programs such as NOVA and ZOOM. This is the first course in a series for teaching life science in the elementary school.

This course is online with the convenience of working at one's own pace and without travel. Three (3) graduate credits are available from Fitchburg State College. The course will also count as a content course for elementary Recertification purposes.

Title: Science and the Living World
Course Number: PDMT 6113
Instructor: Dr. Christopher Cratsley, Fitchburg State College
Course Dates: Summer 2008 – ONLINE (July 7 – August 15)
On-line Introductory Session: (optional) Wednesday, June 25 – 5 pm
40 Linnell Circle, Billerica
Limited enrollment
Three (3) graduate credits, Fitchburg State College
Graduate Credit: Three (3) graduate credits, Fitchburg State College
Cost: \$776
\$15 Blackboard user fee*
Technical Requirements: Internet service
E-mail
Word processing software
Shockwave and Flash (free download)
Acrobat Reader (free download)
Quick Time (free download)

* Students must register with the Merrimack Education Center no later than two weeks prior to the first class in order that access to Blackboard is established.

For further information, contact Isabelle Kunselman at 978-528-7800, Extension 238. To register, call Eileen Crear at 978-528-7800, Extension 235.



THE RENZULLI LEARNING SYSTEM

In brief:

1. **Renzulli Profiler** In less than 45 minutes, a teacher can gain an accurate understanding of each student's academic strengths, interests and learning and expression styles. Teachers say this tool alone makes the system essential.
2. **Renzulli Differentiation Search Engine** This powerful tool instantly searches the Renzulli Enrichment Database of over 13,000 **pre-screened** activities and selects those that **match** the student's profile. The Enrichment Database is constantly safety-tested, refreshed and updated by Renzulli education experts.
3. **Wizard Project Maker** This unique feature enables students and teachers to design, track and complete challenging problem-based learning projects built around regular curricular topics, teacher assignments, and individual and small group interests.
4. **Total Talent Portfolio** This feature records each student's progress and can be accessed at any time by teacher or parent. The Total Talent Portfolio holds a collection of the student's best work, and is easily transportable from grade to grade, school to school.

Helping teachers help ALL students achieve

As a teacher, you want all of your students to achieve. You strive to meet the needs of children with diverse abilities and interests, yet you are forced to compromise. As a result, the struggling kids don't get all the attention they deserve, and the more advanced don't get the challenge they need to excel.

Your dilemma is a common one. In fact, one research study found that students experienced no instructional differentiation in 84% of their activities.

Cost: \$ 6,500 per school, includes Professional Development and software.

Call James McCormick at 978-551-7800, Extension 543 for a demonstration.



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**BEGINNING FALL 2008
BROCHURE AND REGISTRATIONS WILL BE ONLINE**