

# Facilitating the Future 2011

Spoooner High School

June 20-23 & July 18-21, 2011



## FTF- Common CORE Investigations

CESA #11 has supported a series of workshops throughout the school year to provide an opportunity for grade level or content teams to explore the ELA and Math Common CORE Standards. This process, designed for leadership teams, includes a module approach that can be duplicated with additional staff at the building level. The modules explore the underpinnings, connections and context of the CCSS (Common CORE State Standards); organization aspects; specifics in the standards and their application, and vertical connections of the CCSS across grade levels. There will be one day workshops for any teams that may have missed the school year opportunity. Monday, June 20 will be a K-12 exploration of the Math Common CORE standards and Thursday, June 23 will be a K-12 exploration of the ELA Common CORE standards.

## FTF – PLC (Professional Learning Communities)

A PLC is composed of collaborative teams whose members work interdependently to achieve common goals linked to the purpose of learning for all. The teams engage in collective inquiry into best practice in teaching and learning; are action and results oriented and have a commitment to continuous improvement. Building a structure to support and implement the multiple initiatives in education, such as RtI and Common CORE Standards, is imperative. The Professional Learning Community structure provides the vehicle to support educators in continuous school improvement. This four day PLC training will train leadership teams in the PLC concepts and process, assist in building the capacity for schools/districts to implement the PLC process and integrate the elements of RtI (High quality instructional practice, Collaboration, and Continuous review of student progress) into the PLC model. This community will be week 2 only.

**Food Science for Family & Consumer Science Teachers:** Week 1-Participate in a UW-Stout Food Science course. Study and learn about the biochemistry of macronutrients (Carbohydrates, Proteins, Lipids, and Water) influencing the functional properties and interactions of food ingredients. The course will also cover concepts in the biology of foodborne microorganisms influencing food safety and quality. Teachers will learn relevant concepts for inclusion in a high school Food Science Course. Week 2-A duo of FCS and Science teachers from a high school will work together to develop and align curriculum to transform food science courses into science equivalency credit courses. By weeks end all paperwork will be ready to present to local school board.

**On Course:** Looking for ways to teach "soft skills" to your students? "Wish that they would take a more active role in their education? Gain proven strategies and activities to empower your students (any grade level) to want to learn and actually apply what they are learning. This dynamic, hands-on, activity based course will provide you with realistic ideas to use within your curriculum. Also, you will gain tools to communicate more effectively with parents, administration and colleagues. Once completed, you can then teach Success Strategies to high school students who can earn transcribed credit with WITC to be applied as a general education elective to the program of their choice. (Successful completion of this learning community will satisfy the requirements for WTCS Certification Course #52 Teaching Methods.)

**\*\*Teaching and Learning on the Cloud:** The increasing use of smart phones, ipads, and tablet PCs today prompts students and teachers to find ways to more efficiently access data and programs. Living and teaching on the cloud is an efficient, convenient, and green way to be productive. Using the cloud, there are fewer printouts, less waste, programs and information are convenient and can be accessed virtually anywhere from any device. This one-week session will give participants hands-on experience using Google's productivity tools (e-mail, calendar, address book, web pages, to do list, word processor, spreadsheet, presentations, photos, drawings, and much more). Participants will create their own web presence as an individual, teacher, or student. They will also create sample documents and a google web page. Finally, they will collaborate with peers by sharing and working together on documents. This community will be week 1 only.

**\*\*Building Bridges Between School and Work in a Green Economy:** Tours, Tours, and more Tours! Each day of this session will provide you the opportunity to get out of the classroom to see what is happening in the real world. We will visit business sites in most of the Career Cluster areas, ranging from agriculture, health, manufacturing, public safety, and transportation. In addition to learning about the "greening" of the economy, we will focus on how technology is changing work and what skills and education your students need to succeed.

**Learning Pathways:** This course will prepare educators to create a learning environment that supports learners through the application of principles of accelerative learning. The course emphasizes teaching and learning techniques that promote active learning. The concept of preparing a positive learning environment through the use of music, peripherals, manipulatives, and suggestion will be explored. The principles of brain-based learning, constructivism, multiple intelligences, and learning styles will be incorporated and applied in the learning process. (Successful completion of this learning community will satisfy the requirements for WTCS Certification Course #52 Teaching Methods.)

**\*\*Fundamentals of SolidWorks®** introduces solid modeling and the tools to create and modify fully parametric three-dimensional models, assemblies, and drawings using the SolidWorks® solid modeling software program. At the conclusion of the course, participants will have the opportunity to complete the CSWA (Certified SolidWorks Associate) exam. This is an excellent opportunity for technology education and trade and technical instructors to network while learning solid modeling skills, which may enhance future classroom instruction. Information on instructional materials and educational software will also be provided.

**\*\*Wisconsin Comprehensive School Counseling:** All 4 levels of training will be available at Facilitating the Future. Level I and III will be offered week one and Level II and II.5 will be offered week two.

**Level I:** Builds the foundation for transitioning to a comprehensive school counseling program.

**Level II:** Integrates curriculum plans for program activities into the comprehensive program formulated during Level I training.

**Level II.5:** Ensures the Wisconsin Standards and Benchmarks are met for grades 4, 8 and 12. the "Curriculum Action Plan" created for the district during a Level II training will serve as the starting point for each counselor.

**Level III:** Develops an accountability action plan for program evaluation and assessment of program implementation, student impact and counselor performance. Levels should be completed in order. Unsure about which level of training to register for? Please call Jim Lee at CESA #12 or Barb Landstrom at WITC Shell Lake to determine appropriate training levels.

**Economics for Any K-14 Classroom:** Earn THREE FREE graduate credits (and up to three more credits at the regular rate) for learning how to integrate economics into your existing K-14 curricula. Join us and you will receive a CD ROM with over 1200 lessons, allowing you to search by concepts, standards and grade level. By the end of the workshop you will have created classroom-ready unit plans that meet WI Academic Content Standards for Economics and Personal Finance Literacy. This work is made possible by the Council for Economic Education through funding from the US Department of Education Office of Innovation and Improvement.

**\*\*CISCO IT Essentials:** This is an industry recognized technology certification. WITC has selected the IT Essentials course in partnership with area high schools for the development of a transcribed credit program. CISCO IT Essentials Learning Community covers the following: 1) High schools wanting to partner with WITC will need to get one instructor certified to teach the IT Essentials course. Full certification also requires the selected instructor to get CompTIA A+ certification within two years. 2) The IT Essentials instructor certification course will cover, in addition to the standard curriculum, how to utilize the CISCO Netacademy website to create classes, student user accounts, activate tests, submit grades, and print certification documents. 3) High school students successfully passing the transcribed IT Essentials course at their school will receive three credits from WITC along with the CISCO certification.

**The Engineering is Elementary® (EiE)** project fosters engineering and technological literacy among children. EiE is creating a research-based, standards-driven, and classroom-tested curriculum that integrates engineering and technology concepts and skills with elementary science topics. EiE lessons not only promote K-12 science, technology, engineering, and mathematics (STEM) learning, but also connect with literacy and social studies. Students work in teams to apply their knowledge of science and mathematics, using inquiry and problem-solving skills.

The Engineering is Elementary learning community will focus on helping elementary school educators enhance their understanding of engineering concepts and pedagogy. Teachers will work through some of the hands-on engineering design challenges, and learn how they can immerse their students in this work. Storybooks featuring children from a variety of cultures and backgrounds introduce students to an engineering problem. Students are then challenged to solve a problem similar to that faced by the storybook character. This learning community is being offered week 1 only.

**\*\*Technology Adventures:** Explore technology integration in your online or face to face classrooms with Aaron Doering from the University of Minnesota. Spend a week learning how to design, develop and integrate innovative uses of technology to support teaching and learning. Use web tools and social media to build local and world-wide learning communities. An optional Week 2 session will be available to continue the work and spend in-depth time in preparation to deliver and assess your own course.

**\*\*College and Career Ready:** Learn a few more things to help high school students become more college and career ready. Elements of this learning community include: 1) Learn what basic skills levels are necessary for postsecondary programs, 2) Work in dual-credit work groups by content, i.e. early childhood, tech ed, accounting, technical math, to transcript a high school course for technical college credit, 3) Learn more about testing required for admission to college, 4) Take the COMPASS and ACCUPLACER tests and consider students taking them in early high school years, 5) Learn from K12/technical college/four year college panelists about College and Career Readiness.

To register online go to this address and click on "Register for Facilitating the Future" [www.cesa11.k12.wi.us/prodev/ftf.cfm](http://www.cesa11.k12.wi.us/prodev/ftf.cfm) OR complete this form, print and fax to: 715-986-2040 - Attn: Marge

## VISIONS FOR THE FUTURE

June 21, 2011

Aaron Doering will focus on innovative technology to support teaching and learning.

June 22, 2011

Jane Bozarth specializes in finding ways to cut the high costs of e-learning.

\*\*These learning communities are sponsored in part by the Northwest Tech Prep School to Work Consortium Grant.