

Ohio School Boards Association Capital Conference and Trade Show

November 11 – 14, 2012

Greater Columbus Convention Center
Columbus, Ohio

21st century learning with INFOhio

21st Century Learning

Monday, November 12, 2012

9:00 a.m.

D 132

Lori Guerrini, library media specialist, Chagrin Falls EV

Melissa Higgs-Horwell, consultant, INFOhio

Jennifer Schwelik, e-Learning specialist, INFOhio

Strategic planning

Reach your district's goals by planning for the future.

Be proactive! Let OSBA help your district plan for a successful future by facilitating a strategic planning process. Experienced staff will work directly with the board, school officials, staff and the community members to develop a dependable plan to ensure your district reaches its vision.

Contact Kathy LaSota at (614) 540-4000 or (800) 589-OSBA to start the process that leads to a brighter future.

Please complete an online conference evaluation either during or after the event at www.surveymonkey.com/s/CC12Evaluation.

OSBA Mission

OSBA leads the way to educational excellence by serving Ohio's public school board members and the diverse districts they represent through superior service and creative solutions.

Ohio School Boards Association

8050 North High Street, Suite 100
Columbus OH 43235-6481
(614) 540-4000 fax (614) 540-4100
www.osba-ohio.org



THE INFORMATION NETWORK FOR OHIO SCHOOLS

21st Century Learning with INFOhio

At the end of this session you will be able to:

- identify and apply social media tools for you school or district
- define information literacy
- connect state provided resources and content to blended student learning environments.

1. Social media tools for classroom and professional learning.

2. INFOhio resources and content for student learning

3. Self-directed tutorials on social media, widgets and mobile apps

INFOhio <http://www.infohio.org>

Lori Guerrini - Lori.Guerrini@chagrinschools.org
Melissa Higgs-Horwell - Horwell@infohio.org
Jennifer Schwelik Schwelik@infohio.org

OSBA November 2012

Learn

Tools for Student Learning



ART Collection: Find high-quality, digital images of works of art from museums around the world.



Biography Reference Bank: Covers more than 570,000 individuals from antiquity through today.



Digital Video Collection: Hundreds of digital educational films and documentaries to show in class or have students view online.



EBSCOhost: Full-text articles from 6,000 magazines, scholarly journals and newspapers, plus hundreds of K-12 publications for educator professional development.



French- and Spanish-language encyclopedias: Ideal for native speakers, bilingual students and students learning a foreign language.



LearningExpress Library: Maximize the test-taking resources to practice for achievement exams and to prepare for college and the world of work.



Literature Online: A cross-searchable database of literature and criticism, covering works of poetry, prose and drama in English.



Mango Languages: Foreign language online learning system teaching practical conversation and cultural awareness. Includes English-as-a-Second Language packages.



NewsBank: Unique news and information resources to support a wide variety of school research needs, connecting classroom learning to the real world.



Oxford Reference Online: Over 175 reference books including dictionaries of quotations, art, architecture, history, literature, philosophy, religion, mythology, politics and science, plus English and bilingual dictionaries.



ProQuest Ancestry Library Edition: Genealogical resources spanning back to the 14th century. In-school access only; home access is not available.



Research Project Calculator: Learn how to approach a research task, keep on schedule and evaluate student research projects.



Science Online: Find videos, experiments, animations, activities and more.



World Book Early World of Learning: Designed for preschoolers and children in the early grades to develop and strengthen critical early childhood learning concepts.



World Book Web: Three complete online encyclopedias covering the needs from grade school to high school and beyond. Plus tools to enhance communication, collaboration and creativity.

New!



GO! INFOhio: Ask, Act, Achieve
GO! INFOhio! has everything you need for research in one place. Using ASK, ACT and ACHIEVE as the research model, students can find information on how to use primary sources and evaluate information for fact or opinion. go.infohio.org.



Username:

Password:

All public and nonpublic K-12 schools, students, their parents and educators across Ohio have unlimited use of these resources free of charge. State and federal funds provide these online resources for Ohio schools. The INFOhio Core Collection of Electronic Resources is funded in part through an Institute of Museum and Library Services LSTA grant awarded by the State library of Ohio to Libraries Connect Ohio, a collaboration of Ohio's three library networks, INFOhio, OhioLINK and OPLIN.

Due to the license agreements, the username/password may NOT be published where it would be available to the general public. Therefore, it cannot be posted on any district, building or library Web page that is publicly accessible. It cannot be included in any publications that are distributed to your entire community.



Teach

Tools for Teachers

For an introductory video about INFOhio Learning Commons, visit: learningcommons.infohio.org

INFOhio

THE INFORMATION NETWORK FOR OHIO SCHOOLS



Digital Learning Skills



INFOhio's 21st Century Learning Commons is an online community that allows faculty and staff to create personal learning environments. It allows teachers to discover ways to inspire students to think critically, solve problems, collaborate, communicate and innovate.

Educators who visit The Learning Commons will find an array of resources, including:

- ✓ **Professional Development Opportunities** — Learn how to integrate 21st century skills into your classroom instruction by participating in our self-paced online course, *21 Essential Things for 21st Century Success*. You may use these modules without cost for your own learning. If you are interested in credit, several options are available including college credit.
- ✓ **Learning Skills** — Utilizes an inquiry and knowledge building process to incorporate information literacy skills, standards, instructional strategies and a variety of electronic resources.
- ✓ **INFOhio Videos** — Offering more details about some of INFOhio's most popular online resources.
- ✓ **Knowledge Building Community** — Providing a place for educators to network, share and learn collaboratively by developing a personal learning network.
- ✓ **Discussion Forums** — Using INFOhio's discussion forums, collaborate with peers while completing your coursework.



Instructional Support



IMatrix
imatrix.infohio.org
The IMatrix lets educators search by subject area and grade level to find cross curricular connections and resources that link to College and Career Readiness Anchor Standards, Common Core Standards, and Research and Inquiry Standards.



GO! INFOhio: Ask, Act, Achieve
go.infohio.org
Start your class research projects with go.infohio.org. GO! INFOhio: Ask, Act, Achieve has everything you need for research in one place. You'll find student research guides, presentation ideas, tips and a teacher's guide.



Research Project Calculator
<http://www2.infohio.org/rpc/>
Offers a project rubric and support materials to provide teachers with easy to use lessons for all aspects of the research process and assists teachers in planning for assignments that involve writing an essay or report, creating a PowerPoint presentation or producing a video.



E-books
Thousands of fiction and non-fiction titles available, including complete works ranging from Shakespeare to SAT Math Essentials.



Digital Video Collection
Hundreds of digital educational films and documentaries to show in class or have students view online.



Professional Growth



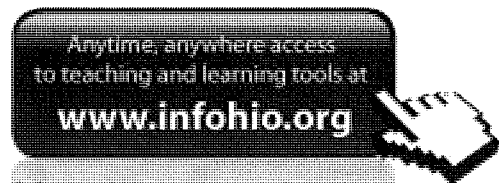
LearningExpress Library
Online tutorials to improve computer skills plus Praxis I and II preparation tests.



EBSCO Professional Development Collection
Hundreds of thousands of articles, many with Lexile level marked, from more than 500 professional journals covering all subject areas as well as general education topics and contemporary education issues.



Learn With INFOhio! Webinars
Learn about the latest education technologies and digital resources with INFOhio's series of free, one-hour webinars for Ohio educators. Certificates of attendance are available.



Username:

Password:



GO! Ask! Act! Achieve!

go.infohio.org



GO! Research Process

Ask!

Help developing topics and beginning successful projects.

Act!

Guide to finding and using valid information, organizing work and completing group projects.

Achieve!

Project presentation including citing sources, plagiarism and copyright awareness, traditional and Web 2.0 presentation techniques.

Teacher's Guide

Help using and teaching the research process and additional tools to use in the classroom.

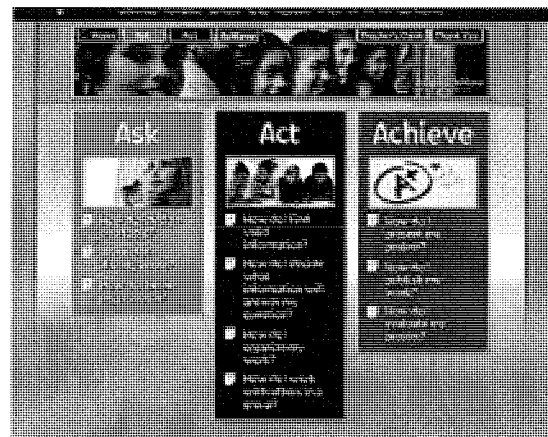
Students

Check go.infohio.org the next time you're faced with a research project. GO! has tips and resources to help you manage the work from start to finish.

Teachers

Start your class research projects with go.infohio.org. You'll find:

- Student Research Guides
- Presentation Ideas and Tips
- Teacher's Guide



Thank you to the Ohio Department of Education for funding this project.

Ask

How do I decide on a topic?

- Research planning (form)
- ALTES: think tank
- Narrowing my topic (form)
- Topics and subtopics (form)

What do I already know?

- Chart: know, want to know, already know
- Chart: know, need to know, resources

How do I begin?

- Research project calculator
- Wikipedia video
- What's my angle? (form)
- Question pick 'n mix (form)
- A gathering grid
- Boolify
- Your dictionary

Act

How do I find valid information?

- Search the OPAC
- INFOhio resources (by subject area)
- Choosing a search engine
- Search engine for images
- Royalty free music
- Science expert from CIESE
- Apps for INFOhio resources

How do I decide what information will answer my question?

- Evaluating sources
- Science Buddies - Data analysis

How do I organize my work?

- Research project calculator
- Map out your essay

- Bubbl.us: mind map of research
- Evernote: organize your notes
- Making note cards
- Diigo: organize your web resources
- EBSCO folders
- Dropbox: access your stuff anywhere
- Google Reader: up-to-the-minute information
- iGoogle: personal space on the web

How do I work with others in a group?

- Popplet: my group needs a flow chart
- Diigo social book marking: my groups needs to share bookmarks
- EBSCO folders (for group access)
- Google docs
- Wikispaces
- Google sites

Achieve

How do I present my project?

- Plagiarism tutorial
- Citation help (Noodle Tools)
- Quick citation
- Creating a citation in Word (help doc)
- Create an Infographic in Wordle
- Create a Wiki with Wikispaces

- Create a digital story with Animoto
- Create a multimedia presentation with VoiceThread (tutorial)
- Create a PowerPoint presentation (tutorial)
- Create a timeline with Dipity
- Create an online video with Masher
- Create a poster with Glogster

How do I publish my work?

- Publish your online profile
- Publish your project with Museum Box (tutorial)
- Publish your presentation with Jing (tutorial)
- Publish your video at SchoolTube
- Publish your work at your own site with Google Sites
- Publish your presentation at Slide Share
- Publish your work at issue

How do I evaluate my project?

- Check list for completing assignments
- Research Project Rubric
- Create a survey with Survey Monkey
- Create a survey with Poll Everywhere

21 On-Line Modules

nwoet.org/INFOhio21/module_list.php

1. *Are You Preparing Your Students for Their Future?*
2. *Are You Up-To-Speed? Getting Acquainted With INFOhio Resources for Teachers, Librarians and 21st Century Students*
3. *Are You Encouraging Student Success in Creative Projects and Research Assignments?*
4. *Are You Keeping Up Professionally?*
5. *Do You Use the Latest Trends to Keep Up?*
6. *Do you Promote and Model Digital Citizenship and Responsibility?*
7. *Are You Familiar with the Tools Available to Assist Students and Parents with Homework?*
8. *Can You Find Resources for All Learning Levels and Styles With One Click?*
9. *Do You Know How to Effectively Evaluate Your Students' Information Literacy Skills?*
10. *Are You Up-to-Speed With New Search Engines and Graphical Display Options?*
11. *Do You Use Cool Tools for 21st Century Projects?*
12. *Are You Preparing Your Students for College and Work Place Success?*
13. *Are You Using Practice Tests and Tutorials to Prepare Students for High Stakes Testing?* - INFOhio Power User
14. *Are You Going Beyond Google Search in your Classroom or Library for Inquiry based lessons?* - INFOhio Power User
15. *It's Not Your Mother's Encyclopedia! New World Book Tools for 21st Century Skills* - INFOhio Power User
16. *Do You Use the Free, High Quality Educational Videos Purchased for Ohio Teachers and Students?* - INFOhio Power User
17. *Do You Know How to Find Standards-based Materials? Introducing Cat 2.0* - INFOhio Power User
18. *Do You Know How to Find Free Usable eBooks and Mobile Apps for Research or Reading Assignments?* - INFOhio Power User
19. *Do You and Your Students Know How to Find and Use Images Purchased for Ohio Schools?* - INFOhio Power User
20. *Do You Access High Quality Materials for Your STEM Classroom?* - INFOhio Power User
21. *Capstone: Putting It All Together*

Project Criteria

The Skills certificate requires completion of a project where you apply concepts presented in the models to your own work or school environment.

For full project details visit nwoet.org/INFOhio21/project_details.php or email nwoet@nwoet.org

Complete just ONE of the following:

Action Research

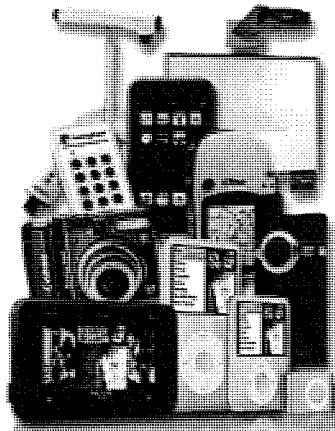
Instruct a lesson for students, co-workers or the public using 21st century media and information resources and strategies

Compare 21st Century Tools

Select two different yet similar resources, teaching strategies or technology tools and compare as they relate to your use. You are encouraged, but are not required, to work with students (of any age) during this comparison.

Individually Designed Project

You specify a need, a measurable outcome, and develop an instructional process that utilizes one or more 21st century media and information tools, resources and/or strategies.



© NWOET 2012
Permission to duplicate and distribute for non-profit educational use within Ohio is granted by this notice.
For other uses please contact nwoet@nwoet.org or phone 800-96-NWOET.
Revised 6/28/12.

21 FREE On-Line Modules

21ST CENTURY SKILLS

45- or 90-hour certificate with specialization in

Media & Information Resources

- Online, Anytime, Self-paced
- Skills Certificate, PD Hours, Grad Credit Also Available

Fees apply for certificates and graduate credit.

INFOhio

THE INFORMATION NETWORK FOR OHIO SCHOOLS



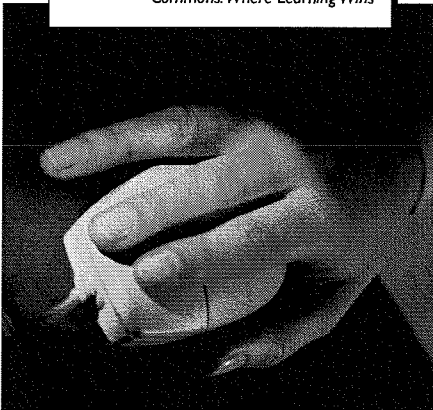
21 Essential Things For 21st Century Success

INFOhio, the information network for Ohio schools supports Ohio's entrance as the 14th state to join the Partnership for 21st Century Skills. By creating this 21st Century Learning Commons, INFOhio's goal is to enhance 21st century learning, provide a technologically advanced method to utilize the INFOhio electronic resources and foster a sense of global community through a variety of technology and learning methods. INFOhio makes it easy for you to inspire students to think critically, solve problems, collaborate, become innovative and creative – using a large online collection of K-12 resources.

What is a Learning Commons?

"The major question each teacher faces is how can technology help each of the learners in my care move toward excellence? The Learning Commons is the laboratory where the faculty and staff learn and develop their skills in embedding technology to boost learning and achievement." –

David V. Loertscher, The New Learning Commons: Where Learning Wins



Earn a PD Certificate

Certificates of professional development in Information Literacy are available from NWOET, working in partnership with INFOhio. Depending on the number of modules you plan to complete, you can take advantage of price breaks. See the prices listed on the registration form.

Earn a 21st Century Skills Certificate

You now have two option levels!

Earn your 21st Century Skills certificate with specialization in Media and Information Resources with either 45- or 90 hours.



45-hour* Certificate for \$159:

- Enroll into Option Four (21st Century Skills Certificate)
- Successfully complete 18 modules
- Complete a classroom-related project
- 1 graduate credit hour available for an additional fee

90-hour** Certificate for \$199:

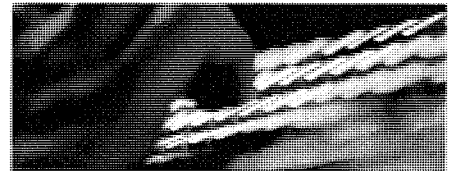
- Enroll into Option Four (21st Century Skills Certificate)
- Successfully complete 18 modules
- Complete a classroom-related project
- Also complete a "Go Beyond" activity for each module
- 3 graduate credit hours available for an additional fee

Earn Graduate Credit

\$159 for 1 hour or \$199 for 3 hours PLUS an additional fee, which varies based on which university partner you select, is required. One or three semester hour credit options are available based on the number of modules completed. A final project and additional online assessments are required.

Each module includes:

- Read** - a brief explanation of a new topic
- Discover** - background application exercise
- Respond** - comment or "post" to the online Forum
- Go Beyond** - extended application exercise is required with some options



Registration

Register online: < <http://www.nwoet.org/infohioLC> >

OR call 1-800-966-9638 with Visa, MC or Discover

OR mail check or PO to:

21st Century Skills %o NWOET
245 Troup Ave., Room 119
Bowling Green State University
Bowling Green, OH 43403

Name: _____

E-mail: _____

District/Agency: _____

Phone: _____

Recieve Professional Development Hours Only:

There is no classroom project required.

- \$ 15 – 1 module (2 hrs.)
- \$ 30 – 2 modules (4 hrs.)
- \$ 45 – 3-4 modules (6-8 hrs.)
- \$ 60 – 5 modules (10 hrs.)
- \$ 75 – 6 modules (12 hrs.)
- \$ 90 – 7-8 modules (14-16 hrs.)
- \$105 – 9 modules (18 hrs.)
- \$120 – 10 modules (20 hrs.)
- \$135 – 11-12 modules (22-24 hrs.)
- \$150 – 13 modules (26 hrs.)
- \$159 – 14-21 modules (28-42 hrs.)

75 hour PD Certificate by also completing "Go Beyond" activities.

- \$199 – 18 modules (2 hrs.)

21st Century Skills Certificate in

Media & Information Resources:

- \$159 – 45-hour Certificate (14 modules + completed project required)
- \$199 – 90-hour Certificate (18 modules + completed project and "Go Beyond" activities required)

Graduate Credit:

\$159/1 hr.; \$199/3 hrs. PLUS an additional fee paid to college.

Call 1-800-966-9638 for payment options.

- Ashland University
- Call for availability of credit from Bowling Green State University or other institutions

**Connect.
Communicate.
Share.
Collaborate.**

<http://Learningcommons.infohio.org>

INFOhio welcomes all Ohio education professionals to join the Learning Commons and participate in the Knowledge Building Community, a social network for educators that is safe and open inside Ohio school Internet filters.

The KBC incorporates:

- Blogging
- Sharing files and photos.
- Linking and posting to friends.
- Participating in discussions.

Create public or private groups for online collaboration. For example:

- Teachers and administrators can share best practices.
- Schools and districts participate in professional learning communities.

Teachers join and participate in:

- Book discussions.
- Common Core resource sharing.
- Educational use of Web 2.0 tools.
- Classroom innovations and best practices.



Join the KBC, a FREE social network for Ohio education professionals.

To join:

1. Go to INFOhio's Learning Commons, create an account and log in.
2. Click *Community* at top of page or sidebar on left. This is the KBC, *Knowledge Building Community*.
3. Join groups, find friends, start a blog.
4. Share and learn with educators across Ohio.

INFOhio
THE INFORMATION NETWORK FOR OHIO SCHOOLS



INFOhio's Learning Commons LPDC Proposal

Vision

This self-directed project is for Ohio teachers to enhance 21st century learning, provide a technologically-advanced method to use INFOhio electronic resources, and foster a sense of global community through a variety of technology and learning methods.

Completion of the 21 Things will be the primary focus of the project. Each Thing takes at least three hours to complete; the final activity in each Thing requires a response segment. Supplementary classroom activities are suggested for participants to apply to their curriculum what they learned in each module.

Project Management

- One or more district librarian[s] [master's degree or beyond] will act as the trainer/adjunct – a true educational leader within the district.
- The local Professional Development Committee will grant a blanket accommodation/approval for those attending this course for CEU or graduate credit[s]. Once approved, the course commences.
- As an official iCOACH, [one of sixteen trained 21st Century Learning Commons support personnel], LGCA's Barb Reynolds will attend/present sessions as needed, as well as give individual technology assistance. Although optional, this meeting introduces the Learning Commons with hands-on time to locate the website and register.
- Attendees will take one of the TRAILS tests [results are anonymous] at the beginning and end. Each can select an appropriate test level [grades 3, 6, 9, or 12] depending upon classroom assignment.
- Participants will be supplied with a rubric to record their activities and to submit, along with appropriate documentation] to the LPDC as proof of completion.
- The participants will be given an exit questionnaire to help the iCOACH and LGCA district librarians evaluate this project.
- Depending upon the number of modules completed, participants can earn 2 graduate credit hours.

LPDC Course Suggestion: INFOhio's 21st Century Learning Commons

Graduate Credit: 2 graduate credit hours.

Type of Classes: Combination individual online and one live-meeting held within each district

Background:

- INFOhio [www.infohio.org] provides a learning tool for all Ohio K-12 students and educators supported by state and federal funds.¹ It offers a large online collection of educational resources, which includes images, videos, popular magazines, newspapers, scholarly journals, encyclopedias, audio and e-books, as well as content in multiple languages. [Examples: Art Index, Biography Reference Index, Digital Video Collection, EBSCO Host, NewsBank, Science Online and World Book in English, French and Spanish] These resources help students develop 21st century thinking skills, virtual collaboration skills, and new ways to express themselves.
- INFOhio's 21st Century Learning Commons [<http://learningcommons.infohio.org/>] is an online resource for all Ohio educators to explore.² The Commons provides an array of resources to help educators understand how learning has changed, adapt teaching methods and discover new ways to inspire students to think critically, solve problems, collaborate, innovate, and create. It also supports Ohio joining the Partnership for 21st Century Skills, the leading national advocacy organization focused on integrating 21st century learning into core subjects.
- One portion of the Commons consists of 21 'Things' or modules which is the focus for this course; each has six parts:
 - *Read* - a brief explanation of a new topic
 - *Discover* - background application exercise
 - *Go Beyond* - extended application exercise
 - *Respond* - comment or "post" to the online Forum
 - *Standards* - 21st century standards included in the module and an outline of the learning
 - *CEU/Credit* - Explanation of CEU/Credit options with the module
- TRAILS [Tools for Real-time Assessment of Literacy Skills] [www.TRAILS-9.org] is a free knowledge assessment with multiple-choice questions targeting a variety of information literacy skills based on 3rd, 6th, 9th, and 12th grade standards. The assessment items are based on *Ohio Academic Content Standards* and the American Association of School Librarians' *Information Power* and *Standards for the 21st-Century Learner*.

The Web-based system was developed to provide an easily accessible and flexible tool for teachers to identify strengths and weaknesses in the information-seeking skills of their students. Project participants will take this assessment of skills to measure themselves as a pre- and post- Learning Commons activity. They may self-select the test level; results will remain anonymous and may be reported to the LPDC to reflect trends within the district.

¹ The website of fee-based electronic resources is free to Ohio residents.

² The 21st Century Learning Commons is open to all; connections to INFOhio resources from within the Commons are blocked without prior authorization.



Ashland University 2012/13
Comprehensive
Professional Development Proposal Form

Office Use Only (Rev. 4/27/2012)

Class #: _____ Term: _____
Registration: _____
Grades Due: _____

Class Title (max 24 characters including spaces): INFOhio 21 Things Part 1

Face-to-Face Online Hybrid Action Research Job Embedded Unique Design

(See Item 4, next page, for a description of each type of class)

Date Class Begins September 5, 2012 and Ends November 7, 2012

Beginning and Ending Times of Class Sessions: 3:45p.m. - 6:00p.m.

Contact Hours: 30 (See Item 4, next page, for hour requirements of each type of class) Semester Credit Hour(s): 2

Date Final Projects are due to Adjunct: _____

In Person Registration OR Online Registration

Date/Time/Location _____ Dates _____

Sponsoring School or Agency: Chagrin Falls Exempted Village School Schools

Class Location: Chagrin Falls Middle School

Adjunct Instructor responsible for class: Lori Guerrini

Adjunct/Instructor Status Approved by Ashland University Adjunct Approval Request in Process

Work Phone: 440.893.7695 ext. 4318 Cell Phone: _____

Email: lori.guerrini@chagrinschools.org

Additional Instructors (if any): _____

Class Coordinator (all class correspondence will be directed here): Lori Guerrini

Mailing Address: _____

Work Phone: 440.893.7695 ext. 4318 Cell Phone: _____

Email: lori.guerrini@chagrinschools.org

Director/Superintendent Designee: Charles Murphy

The Director/Superintendent Designee has reviewed and approved this proposal: Yes No

• Tuition (\$175/credit): 350.00

• Instructional Fee: (max \$103 Instructional fee recommended) _____

Payable to: _____

• Technology Fee @ \$15 per semester hour...for ANGEL online classes only. _____

Total Student Fee Collected by Ashland University: _____

Student Will Pay TOTAL to Ashland Direct Organization/Consultant will collect TOTAL

Address for AU to send Tuition Invoice: _____

Separate Fee Paid Directly to District, Organization, or Consultant: _____ Amount _____

This is an "Open" workshop to be posted on printed schedule and AU web page. Yes No

Approximate number of participants registering for credit: _____

**Items listed below directly reference
Ohio's criteria for High Quality Professional Development (HQPD).**

1. High quality professional development (HQPD) is purposeful, structured and continuous over time. Check those that apply.

- Class goals & vision are clear, focused and aligned with our district/organization priorities
- Includes planning, implementation, reflection, evaluation and revision
- Supports/advances the leadership capacity of the participants
- Participants will work in small learning teams and engage in sustained/ongoing experiences
- Our educational community/organization supports professional development as a condition for improvement
- Organization resources are allocated for planning, implementing and supporting professional development

1a. Provide a one paragraph description of this class. If this class is open to the public, this description will be posted on the Ashland University website.

This hybrid (online and face-to-face) workshop is for educators to enhance the teaching and learning of information literacy skills for the 21st century with emphasis on using online educational resources provided through INFOhio. Participants will work through eleven online modules, called Things, as developed by INFOhio. Each Thing addresses specific literacy and/or technology topics and skills that will be explored and practiced by participants. Participants will meet for 3 face-to-face classes during the ten-week workshop. All other work will be completed online.

2. High quality professional development (HQPD) is informed by multiple sources of data. Check those that apply.

- Data related to student achievement have been analyzed to determine the focus and content for this PD
- Opportunities to analyze their practice and examine multiple sources of data
- Opportunities to study the research that support claims made by advocates of a particular approach
- Data from evaluations of previous PD have been analyzed to determine the focus and content for this PD

2a. Describe the current educational issue/problem that this professional development class is responding to.

Information literacy is the catch all term that encompasses numerous skills for locating, assessing and using information. It is a skill that transcends curriculum areas. All educators bear the responsibility to teach information literacy skills. Studies and reports have demonstrated that students are lacking the ability to effectively research using Internet resources, although it is by far, the first place students go to for research and information purposes. Evaluating sources for credible information, using research databases, information overload, copy-and-paste responses, citing sources are just some of the areas in which students demonstrate weaknesses. It is vital that students learn and possess information literacy skills for success in college and adult life.

3. High quality professional development (HQPD) is collaborative. Check those that apply.

- Provides ongoing opportunities for educators to work together
- Diverse teams of educators have worked collaboratively to plan, deliver and evaluate this PD
- Incorporates communication technologies to broaden the scope of collaboration

4. High quality professional development (HQPD) includes varied learning experiences that accommodate individual educators' knowledge and skills. Check those that apply.

- Based on identified needs
- Includes a variety of learning experiences
- Reflects a logical sequence of experiences

3 & 4a. Attach an agenda that describes each session that the class will meet and the activities that will take place outside of class. The agenda must include the date/time for each session and a bulleted listing of all topics and activities for all sessions/activities. For each credit requested, your agenda must document...

- a. **Face-to-Face**...15 hours of traditional classroom instruction
- b. **Online**...15 hours of adjunct facilitated/monitored online instruction
- c. **Hybrid**...15 hours of a combination of face-to-face and online instruction
- d. **Action Research**...8 hours of traditional classroom instruction (at least 2 meetings) and 7 hours of team meetings
- e. **Job Embedded**...5 hours of traditional classroom instruction (at least 2 meetings) and 30 hours of team and individual study/implementation. Include description of how 30 hours will be monitored.
- f. **Unique Design**...Prior to submitting a "Unique Design" proposal, meet with the Ashland University Professional Development Director to assure that University and Ohio Board of Regents' credit requirements are met.

The agenda has been attached? Yes No

5. **High quality professional development (HQPD) is evaluated by its short- and long-term impact on professional practice and achievement of all students. Check those that apply.**

- Will be evaluated by assessing levels of participant satisfaction and learning of content
- Will be evaluated by evidence of new skills applied to practice
- Will be evaluated by the extent to which participants change to improve
- Will be evaluated by its impact on achievement of all students

5a. Describe in detail the assignment given and evidence gathered to assess participant performance and award graduate credit. The assignment must have at least 3 hours of work outside of class for each semester hour of credit.

Participants must create an INFOhio 21 Things online account and join the discussion forum. They must choose 11 out of the 21 Things to complete. Each Thing requires reading background information and completing exercises. Participants must post a response to the query listed at the end of each Thing on the forum. The instructor will monitor all posting activity. Participants must also complete a supplemental activity for each Thing. Examples of supplemental activities include lesson plans, PowerPoint presentations, brochures, annotated bibliographies and other. INFOhio estimates that each Thing takes between 2 and 3 hours to complete and that each supplemental activity takes between 1.5 and 2 hours to complete. All supplemental activities will be presented by participants to fellow participants and the instructor during face-to-face classes. All supplemental activities must be provided in hard copy to the instructor.

6. **High quality professional development (HQPD) results in the acquisition, enhancement or refinement of skills and knowledge. Check those that apply.**

- Supports the understanding/use of local, state, national standards and current school and district priorities
- Supports the study, evaluation and integration of relevant and current best practices and research into practice
- Enhances understanding of instructional strategies and addresses the needs of diverse learners
- Ensures that all educators understand and use various types of assessments to measure student learning
- Provides educators with tools to engage students, families and communities in improving student achievement

6a. List what participants will know and be able to do when they complete this class.

As a result of this workshop, participants will know the meaning of information literacy and know every online educational resource available through INFOhio. Participants will be able to use technology to access and use the INFOhio resources. Participants will be able to teach students how to use the INFOhio resources. Participants will include information technology and information literacy skills in lesson plans.

Items listed below directly reference the Partnership for 21st Century Skills Framework for 21st Century Learning.

7. **Identify the 21st Century Skills included in this class. Check those that apply.**

***Interdisciplinary Themes**

- Global Awareness...understanding and addressing global issues
- Financial/Entrepreneurial Literacy...enhancing workplace productivity and career options
- Civic Literacy...exercising rights/obligations of citizenship
- Health Literacy...understanding public health and safety issues

***Learning and Innovation Skills**

- Critical thinking...acquiring, analyzing, evaluating information to reach a conclusion
- Communication...using spoken, written or non-verbal language to obtain info and express ideas
- Research...planning and conducting an investigation
- Problem Solving/Design...framing, analyzing, and synthesizing information
- Collaboration...interacting with a diverse range of people to come up with new ways of thinking
- Meta-cognition...thinking about how you think and doing problem solving
- Critical thinking...understanding logical connections and solving problems systematically
- Creativity...making things that didn't exist before and solving problems in new ways
- Innovation...creating/implementing a new product/service to improve efficiency and effectiveness

***Information, Media, and Technology Skills**

- Information Literacy...assessing/evaluating information efficiently and effectively
- Media Literacy...understanding communication through various media
- Communication & Technology Literacy...using digital technology and communication tools to manage information

***Life and Career Skills**

- Leadership & Responsibility...using interpersonal skills to influence/guide others toward a goal
- Productivity & Accountability...meeting high standards for delivering quality work on time and showing positive work ethic
- Flexibility & Adaptability...adapting to varied responsibilities and working in a climate of changing priorities
- Initiative & Self Direction...monitoring one's own understanding, learning needs and work efficiency
- Social & Cross-Cultural Skills...working appropriately with others

REMEMBER TO ATTACH AN AGENDA