Faculty Academy
2008

1st Regional
Conference on Education and Technology

Improving Online Learning

May 12-14, 2008
Erma Byrd Center at the Public Higher Education Center
in
Beaver, WV

Hosted by

[New River Community and Technical College logo]
Thanks and Recognition

Hosting the Faculty Academy is never the result of one person’s effort. This first Faculty Academy at New River was only possible with the active participation of our Presenters and Chairs (listed in the program). In all, there are over 40 of these people this year! And while New River is certainly well represented we also have participation from Concord University, Fairmont State University, West Virginia School of Osteopathic Medicine as well as guests from Bluefield State College, Marshall University School of Medicine, WVU Tech and the West Virginia Department of Education. And for a first effort, this is simply incredible. As I sought people out for particular sessions and received responses such as “I would be happy to participate in any manner you feel appropriate”, it made me realize the kind nature and eager willingness that characterize many of our faculty members at New River. I enjoy working in such an environment and with such people.

Cindy Dalton deserves our thanks and recognition for providing the name badges, gifts, and meals. Lori Midkiff deserves thanks for helping to publish the printed Proceedings and the Call for Proposals. Lisa DeLilly fought the good battle (she’ll know what I mean) and deserves our thanks for getting the New River Faculty Academy 2008 coffee mug gifts for Presenters and Chairs.

And although they couldn’t be here for our first Academy, both Dr. Spring and Dr. Faulk have been instrumental in providing their support of the wonderful concept behind the Faculty Academy. And finally, I thank the members of the IT Advisory Group who served as a sounding board during the planning process.

Sincerely,

Dr. David J. Ayersman, Chief Information Officer
New River Community and Technical College
Panel Discussion (50 min)

Session # 1

May 12, 2008  0900-0950

Presenters:  Willis Nordlund, Bill Bradberry, John Mark Walkup and Terry Armentrout
Company:  New River Community and Technical College
Email:  wnnordlund@newriver.edu
Title:  Teaching in the IVN Environment
Proposal:  Teaching in the IVN (Integrated Video Network) environment poses some challenges to the instructor and students but it also offers some interesting possibilities. In this session, we will share our combined experiences of teaching IVN courses. We will identify both (a) things that haven’t been effective, as well as (b) the teaching methods and strategies that do seem to work. With a new IVN system being planned at New River, many instructors may be interested in learning more about the possibilities and challenges of teaching in the IVN environment. This session will provide the general information needed by instructors who haven’t yet used IVN and will engage the audience in a friendly discussion about these issues.

Software Demonstration (20 min)

Session # 2

May 12, 2008  1000-1020

Presenters:  Mollie Jarrell, Bill Bradberry and Renae McGinnis
Company:  New River Community and Technical College
Email:  mjarrell@newriver.edu
Title:  Creating and Teaching a WEWCT (Web Enhanced or Hybrid) Course
Proposal:  A common question for instructors is “How do I web-enhance my course?” and this session will offer answers to that question. Clearly there isn’t just one answer to the question, but instead there are many possibilities for (a) putting some of your course content online, (b) engaging students in online discussions, (c) developing online quizzes and tests, (d) receiving student assignments electronically using a drop-box, and (e) having students work collaboratively in small groups to develop online web sites. This session will involve our suggestions and personal experiences in developing and teaching a web-enhanced course.
## Faculty Academy 2008 -- Schedule and Proceedings

### Session # 3

**Software Demonstration (20 min)**

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<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Presenters</th>
<th>Company</th>
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<th>Room</th>
<th>Session Chair</th>
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<tbody>
<tr>
<td>May 12, 2008</td>
<td>1025-1045</td>
<td>Nora Overath</td>
<td>New River Community and Technical College</td>
<td><a href="mailto:noverath@newriver.edu">noverath@newriver.edu</a></td>
<td>W18</td>
<td>Jeremy Ball</td>
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</table>

**Title:** Online Student Testing at New River

**Proposal:** There are multiple testing programs administered throughout New River but very few people really understand how the testing is actually implemented. Some of these tests include COMPASS, Pierson Vue, AccuPlacer, and Aztec. This session will provide an overview of those tests and will explain the procedures used at New River for delivering them.

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### Session # 4

**Software Demonstration (20 min)**

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<tbody>
<tr>
<td>May 12, 2008</td>
<td>1100-1120</td>
<td>Chad Hinz and Steve Butler</td>
<td>New River Community and Technical College</td>
<td><a href="mailto:chinz@newriver.edu">chinz@newriver.edu</a></td>
<td>W17</td>
<td>Eric Tucker</td>
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**Title:** Teaching in a One-Computer Classroom

**Proposal:** There are many possibilities for incorporating technology into your classroom when you teach in a one-computer classroom. Often, these rooms are called “technology-enhanced” or something similar to that, but this session will identify the equipment commonly found in these rooms and will provide some explanation of how to operate the equipment. We will also discuss specific suggestions for how to incorporate the equipment into your teaching.
Software Demonstration (20 min)

Session # 5

Presenters: John Dynak
Company: New River Community and Technical College
Email: jdynak@newriver.edu
Title: Using Custom Animations to Enhance PowerPoint Presentations
Proposal: Preparing effective renderings of mathematical and scientific concepts may appear to be difficult and time consuming to the average educator. The purpose of this presentation will be to familiarize educators with methods that can improve their presentation skills by constructing effective animations of mathematical equations and scientific concepts. Being able to offer creative presentations will afford greater learning behavior. Using animated drawings can also help students improve their problem solving skills. In this session, I will demonstrate how to prepare effective animations for lecture presentations. The principle methods will use masking and overlay techniques to make dull lectures come alive. These techniques can enhance online as well as in-class learning. While at first it may seem daunting, with a bit of patience and a touch of creativity most educators can render animations to add a lot of dazzle to their presentations.

Poster Session (50 min)

Session # 6

Presenters: David Ayersman
Company: New River Community and Technical College
Email: dayersman@newriver.edu
Title: Converting from CART to WebCT in a Hurry
Proposal: The conversion of course materials from CART to WebCT is well underway and while some training has been conducted to assist instructors with the transition, there are a number of instructors who might still be interested in the highlights of how to quickly convert CART course materials into WebCT course materials. This lunchtime overview session will provide details for instructors pertaining to the actual conversion of instructional materials, how to get started, which file formats to use, how to create PDF and ZIP files, and where to turn for additional support. This session will offer some recommendations and tips to instructors who might still be working on the conversion of course materials. There will be opportunities for questions and brief discussions related to the topic.
All events will be at the Public Higher Education Center. Sessions in W17 and W18 will be broadcast via IVN to each New River campus.

**Faculty Academy 2008 -- Schedule and Proceedings**

**May 12, 2008 1300-1350**

**Poster Session (30 min)**

**Session # 7**

**Presenters:** Nick Bassett

**Company:** New River Community and Technical College

**Email:** nbassett@newriver.edu

**Room:** Atrium

**Session Chair:** Steve Butler

**Title:** Web-Enhancing an IVN Course: Mixing Delivery Modalities

**Proposal:** While some instructors teach web-enhanced courses and some others teach IVN (Interactive Video Network) courses, this session will provide information about combining the two different instructional modalities. Information will be provided about my own personal experiences in hopes that others might benefit from an approach that I think works. This poster session will provide information explaining my own teaching methods and the various components of my courses that are delivered via IVN and through WebCT.

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**Faculty Academy 2008 -- Schedule and Proceedings**

**May 12, 2008 1300-1350**

**Poster Session (30 min)**

**Session # 8**

**Presenters:** Jack Thatcher

**Company:** West Virginia School of Osteopathic Medicine

**Email:** jthatcher@wvsom.edu

**Room:** Atrium

**Session Chair:** Jeremy Ball

**Title:** Animations as Supplemental Resources for Biology Courses

**Proposal:** Computer animations are becoming prevalent as textbook inclusions, web sites and instructional CDs. How should these be incorporated into courses? At WVSOM, a series of animated lessons have been composed that present cellular and molecular processes. To evaluate their efficacy, students were provided with animations in conjunction with the Developmental Genetics course. Thirty-one students from the classes of 2009 and 2010 participated in the study. The proportion of subjects who used the animations was 31%, while 16% studied the majority of the files, and 57% thought the animations saved study time. Interestingly, 12 times more subjects devoted the majority of their study time to handouts. They also rated the handouts higher than the animations, although the difference was not significant. Experience with animations, handouts and lectures increased the number of subjects preferring each, while no one was left preferring the textbook. Before and after conducting the study, the greatest preference was for all four media, followed by handouts, then lectures, then animations. To directly compare animations to handouts, candidates from the class of 2012 are being mailed a representative animation and handout. The preliminary results suggest that the animation is as effective as the handout. These results suggest that animations are a valuable supplemental resource for many students, but not for everyone, and caution should be exercised with efforts to replace traditional teaching methods with digital animations. This data will be displayed on a poster, while examples of the animations will be run on a laptop computer.
Paper Presentation (20 min)

May 12, 2008 1400-1420  Session # 9

Presenters: Travis Conner
Company: New River Community and Technical College
Email: tconner@newriver.edu

Session Chair: Michael Palm
Title: Non Credit Options for Online Learning
Proposal: There is a wide variety of noncredit course options available online. Students can, for absolutely no cost, take courses in hundreds of subjects such as art, science, business, history, and more. These classes range from introductory level to advanced (Masters+). The schools offering them are also well known; MIT, Harvard, Oxford, and Stanford are just a few of the elite institutions offering noncredit courses. These range in involvement from a simple lecture podcast to full streaming video presentations. The first half of this presentation is intended to make instructors more aware of these resources and to offer suggestions regarding how to use this information to improve their courses and students’ knowledge. The second half will provide information regarding the challenge these course present to “for pay” online courses and suggestions on making them more competitive.

Software Demonstration (20 min)

May 12, 2008 1425-1445  Session # 10

Presenters: Lizabeth Rogers
Company: New River Community and Technical College
Email: lrogers@newriver.edu

Session Chair: David Ayersman
Title: Really Understanding Web Self Service
Proposal: All instructors and advisors at New River have full access to the Web Self Service portion of SCT Banner. How well are you using it? While many are posting mid-term and final grades using Web Self Service, few probably realize the full range of tasks that can be accomplished. From scheduling to current enrollments, there are features of Web Self Service that you might find beneficial. This session will provide an overview and demonstration of them.
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May 12, 2008  1500-1520

Software Demonstration (20 min)  Session #  11

Presenters:  Jeremy Ball
Company:  New River Community and Technical College
Email:  jrball@newriver.edu  Session Chair:  David Ayersman
Title:  Electronic Communications in the Online Learning Environment
Proposal:  With a new email system and one common course management system, New River has many new possibilities for communicating that can facilitate the online learning environment. This presentation will review the New River email system and will explain policies and procedures for using email at New River. A thorough demonstration of the online address book that is available to everyone at New River will also be provided. Information for changing passwords and forwarding email will be explained. Course-based email, discussion lists and chat features of WebCT will also be briefly demonstrated.

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May 13, 2008  0900-0950

Interactive Demonstration (50 min)  Session #  12

Presenters:  David Ayersman and Roger Griffith
Company:  New River Community and Technical College
Email:  dayersman@newriver.edu  Session Chair:  Jeremy Ball
Title:  Roadmap for Instructional Technology at New River
Proposal:  This session will provide information regarding existing and planned technology services at New River. Existing services will be briefly explained and demonstrated. Procedural information and IT support services will be explained so that folks will gain a better understanding for how best to receive these services. Current efforts are to streamline support services and procedures in a way that will best accommodate the needs of our clients. Information about how this is being accomplished will be provided. Looking into the future of New River, this session will also identify and discuss major milestones and key events related to future projects. An overall timeline will also be provided for these planned projects.
All events will be at the Public Higher Education Center.
Sessions in W17 and W18 will be broadcast via IVN to each New River campus.

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May 13, 2008  1000-1020
Software Demonstration (20 min)  Session # 13

Presenters: Nathan England
Company: New River Community and Technical College
Email: england@newriver.edu
Title: Creating Graphics for Online Instruction
Proposal: From simple screen captures to animated GIFs and screen recordings, there are many easy ways to incorporate “just the right” graphic or sequence of graphics into your course to help teach a particular topic. This session will demonstrate and explain some of these techniques. While the focus will be primarily on methods that do not require purchasing any additional software, we will also provide information about some easy to use and inexpensive screen capture and screen recording solutions such as Camtasia, Snagit and ViewletBuilder. Interestingly, there are publicly available online video tutorials available through YouTube that provide detailed explanations for how to use these tools. And for New River instructors there are small technology grants available to purchase these course development tools if needed for an instructional development effort.

Room W17

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May 13, 2008  1025-1045
Software Demonstration (20 min)  Session # 14

Presenters: Joycie Wawije
Company: New River Community and Technical College
Email: jwawije@newriver.edu
Title: Web Enhancing Your Courses to Promote Critical Thinking Through Interactions
Proposal: Learning is a two-way channel. In order to optimize learning in any classroom, communication and interactions, not only between students, but also between the instructor and the students must be maximized. All play an important contributory part in the process of imparting knowledge no matter what the discipline may be. My goal is to demonstrate how WebSCT can be used to alleviate the monotony of everyday classroom instruction by Web enhancing a tradition classroom. I shall also show how it can be used to create a positive classroom environment that is conducive to learning and promote the development of analytical and critical thinking skills.

Room W17
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Keynote Presentation (50 min)  
Session # 15

Presenters: Roxann Humbert

Company: Fairmont State University

Email: Roxann.Humbert@fairmontstate.edu

Title: Demonstrations of Effective Online Learning Strategies and Design Principles

Proposal: Faculty members new to online learning often rely on traditional methods to teach and assess their students. Feature rich online course management tools make it convenient for faculty to develop and deliver other types of content, activities and assessments. Building on the constructivist approach, the principles of good practice, and Angelo and Cross’s “Classroom Assessment Techniques”, this session will provide participants with examples of various ways to incorporate content in their classes, how to design their classes to establish a sense of community, and how to develop online assessment techniques. Participants will be provided with examples of ways to use group work in online classes, how to locate and incorporate learning objects, and how to develop several online classroom techniques such as the focused list and one sentence summary.

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Lunchtime Presentation (50 min)  
Session # 16

Presenters: Jason Garris

Company: New River Community and Technical College

Email: jgarris@newriver.edu

Title: Podcasts

Proposal: There is a lot of “buzz” about podcasts and their usefulness in education. This session will be a compilation of four podcasts that will be played while everyone enjoys lunch.
Interactive Workshop (120 min)

Session # 17

Presenters: Jack Thatcher
Company: West Virginia School of Osteopathic Medicine
Email: jthatcher@wvsum.edu
Session Chair: Karen Carter-Harvey
Title: Using Flash to Produce Dynamic Animations of Cellular and Molecular Processes
Proposal: Molecular and cellular processes often involve dynamic interactions occurring at the microscopic or sub-microscopic levels. Traditionally, instructors explain these processes using a series of static images displaying intermediate steps. This forces students to use their imaginations to reconstruct the transitions between these reference points. It would greatly facilitate comprehension if students could visualize these processes occurring in three dimensional space. The advent of the computer offers a means for satisfying this curricular need. The standard program for composing animated illustrations is Adobe FlashTM. The objective of this workshop will be to provide participants with basic skills for using Flash to compose animations depicting cellular and molecular processes. Instructions will also be given for downloading these animations into PowerPoint slide shows.

Software Demonstration (20 min)

Session # 18

Presenters: Jennifer Humphries
Company: Concord University
Email: jhumphries@concord.edu
Session Chair: Shirley Davis
Title: Using Respondus to Simplify the Creation of Quizzes in WebCT
Proposal: Although quizzes can be created directly within WebCT, it is much easier when you use a tool called Respondus. The Respondus software is available to all New River instructors and this session will provide an overview and quick demonstration of it. If your textbook publisher provides a test bank in a format like Microsoft Word or even as a CSV (comma separated values) format, using Respondus will enable you to quickly upload that information into your WebCT course. This session will explain how creating test banks, question sets, and quizzes can be greatly simplified by using Respondus.
Roundtable Discussion (50 min)

**Session # 19**

**Presenters:** Roger Griffith, David Ayersman and Nick Bassett  
**Company:** New River Community and Technical College  
**Email:** rgriffith@newriver.edu  
**Room:** W17  
**Session Chair:** Greg Shrewsbury  
**Title:** Criteria for Evaluating Online Courses  
**Proposal:** There are basic expectations of online instructors regarding what key elements should be included in an online course and how frequently interactions should occur among students and the instructor. In this session, we will enumerate these expectations and provide a checklist of them for participants. We will dialogue with participants to identify examples of these criteria that seem to work well from their own experiences. This roundtable session is intended to be a working dialogue about these issues. The 22-item checklist is based on information from the Southern Regional Education Board (SREB) and addresses issues such as (a) students with special needs, (b) obtaining technical assistance, and (c) the traditional elements of an online course.

Software Demonstration (20 min)

**Session # 20**

**Presenters:** Robert Chapman  
**Company:** New River Community and Technical College  
**Email:** rchapman@newriver.edu  
**Room:** W18  
**Session Chair:** Robert Davis  
**Title:** Preparing Students to Compete in a Global Environment  
**Proposal:** Real world demands for computer fluent and information literate entry-level employees increases as the globalization of business continues to expand. Do our graduates meet the minimum needs and expectations of prospective employers? What are the expectations? What can we do to help students become more competitive in a global environment?
## Session 21
### Software Demonstration (20 min)

**Presenters:** Eric Tucker and David Ayersman  
**Company:** New River Community and Technical College  
**Email:** etucker@newriver.edu  
**Title:** Distance Learning Support Issues and Procedures  
**Proposal:** Providing support for students and instructors involved in distance education can be challenging. New River has recently created a College-wide Help Desk and is now creatively providing extended support for early evening classes. What support is available to students and instructors involved in weekend classes? What about students and instructors who NEVER come to campus? With some folks as far away as Michigan, it is increasingly important to have centralized data and online access to support information. This session will provide an overview of these challenges and the solutions being developed at New River.

| All events will be at the Public Higher Education Center. | New River Community and Technical College |
| All sessions in W17 and W18 will be broadcast via IVN to each New River campus. |  |

## Session 22
### Panel Discussion (50 min)

**Presenters:** Tim Hofmann, Carolyn Sizemore, Lisa Brewer, Greg Wingo and Donna Lewis  
**Company:** New River Community and Technical College  
**Email:** thofmann@newriver.edu  
**Title:** Online Degree Programs  
**Proposal:** There are multiple opinions on the issue of completely online degree offerings. Some believe that having a completely online degree program isn’t a good idea and could compromise the quality of a New River educational experience. Others believe that these issues can be overcome and that offering a completely online degree is the direction that New River should take. There are probably many more who see the logic of both arguments but aren’t yet decided about which direction New River should go. This panel discussion brings together these various perspectives and offers an informal public discussion of the issues. Panelists will each speak for five minutes or less and then a public question and answer session will ensue.

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**Faculty Academy 2008 -- Schedule and Proceedings**

**Lunchtime Presentation (50 min)**

**Session # 23**

**May 14, 2008  1200-1250**

**Presenters:** Renae McGinnis  
**Company:** New River Community and Technical College  
**Email:** rmcginnis@newriver.edu  
**Room Atrium**  
**Session Chair:** Steve Hedrick  
**Title:** Assessment Issues and Online Student Evaluations of Instruction  
**Proposal:** All instructors should be asking the question “What can I do to improve student learning within the classroom?” New River’s Plan for Assessing Student Learning incorporates course, program and institutional assessments with both direct and indirect means of assessment. This session will involve a discussion and demonstration of the indirect form of assessment used at New River for the online evaluation of instructors and courses. Broader issues of indirect assessment will also be addressed. Finally, direct forms of assessment will be discussed and information that I’ve learned from the annual meeting of the Higher Learning Commission will be shared with the group.

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**Panel Discussion (50 min)**

**Session # 24**

**May 14, 2008  1300-1350**

**Presenters:** David Perkins, Jerlee Taylor-Bond and Monica Fleming  
**Company:** New River Community and Technical College  
**Email:** dperkins@newriver.edu  
**Room W18**  
**Session Chair:** Steve Butler  
**Title:** Teaching Online Courses from a REAL Distance  
**Proposal:** Most New River distance education students and instructors are actually located within the 9-county region of Southern West Virginia. Because of this, there are on-campus facilities and resources that instructors and students are able to access. But some students and instructors are located as far away as Virginia and Michigan. What challenges does this pose for them? How do they overcome these challenges and what improvements can New River make to facilitate teaching online courses from a distance when on campus resources are not realistically available? This session will bridge together three New River instructors to discuss these issues. The audience will be at the Byrd Center but each of the three presenters will be off site.
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New River Community and Technical College

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New River Community and Technical College

May 14, 2008 1400-1420

Software Demonstration (20 min)

Session # 25

Presenters: Deena Rodgers
Company: New River Community and Technical College
Email: drogers@newriver.edu

Title: Services for Online Students and Instructors
Proposal: The purpose of this session is to provide an overview of current online services, to identify areas where New River can make improvements in these services and to also reveal any projects or initiatives currently underway in these areas. There are online student services available to students and instructors participating in online courses but many do not yet know of their availability. This session will provide an overview of the services currently available to online students and instructors and will address admission, registration, financial aid, and even purchasing textbooks and acquiring an ID card. An informal question and answer session with audience members is hoped to further identify areas where New River can focus to make additional improvements. How do students and instructors at a distance acquire a New River ID card? By missing an on-campus orientation session, how disadvantaged are remote students and instructors? It is hoped that the audience will pose questions similar to these so that the we can gain a better understanding of the issues.