

NATIONAL CENTER FOR TELECOMMUNICATIONS TECHNOLOGIES

ICT Curriculum Workshop, July 11 - 14, 2005

Springfield Technical Community College, Springfield, MA

Day 1, Monday, July 11, 2005

Location, Scibelli Hall, Building 2, 7th Floor

8:00 - 9:00 Registration and Continental Breakfast

9:00 - 9:15 Welcome

9:15 - 9:30 Brief Introductions

9:30 - 10:30 Keynote Speaker – David Liroff, Vice President and Chief Technology Officer,
WGBH Educational Foundation

10:30 - 10:45 Break

10:45 - 12:00 Technical Updates - James Downing, NCTT Co-PI, Subject Matter Expertise
Michael Quassaunee, NCTT Co-PI, Open Content
Gordon F. Snyder, Jr., NCTT PI and Executive Director

12:00 - 1:00 Lunch - Ira Rubenzhal, President of STCC

Location – Putnam Hall, Building 17

1:00 - 2:30 Technical Session 1

Vladimir Riabov, Rivier College

Challenging Projects and Virtual Labs in Web-enhanced IT Classes (Bldg. 17 – Rm. 621)

Siben Dasgupta, Wentworth Institute of Technology

Application of Matlab for Digital Signal Processing (Bldg. 17 – Rm. 617)

Babak Beheshti, New York Institute of Technology

Cellular Wireless Migration to 3G and Beyond 3G (Bldg. 17 – Rm. 612)

2:30 - 2:45 Break

2:45 - 4:15 Technical Session 2

Karl Kapp, Bloomsburg University

Using E-Learning to Teach ICT (Bldg. 17 – Rm. 619)

Yakov Cherner, ATEL LLC

Integration of Interactive Simulations and Virtual Experiments in Fiber Optics and Wireless Communications Courses for Onsite, Online and Hybrid Delivery (Bldg. 17 – Rm. 617)

Warren Hioki and Michael Connolly, Community College of Southern Nevada

RFID and Bluetooth Technology (Bldg. 17 – Rm. 602)

4:15 Adjourn

Dinner on your own

NATIONAL CENTER FOR TELECOMMUNICATIONS TECHNOLOGIES

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Day 2, Tuesday, July 12, 2005

Location – Scibelli Hall, Building 2, 7th Floor

8:00 - 8:30 Continental Breakfast

8:30 - 9:15 NCTT Overview
Gordon F. Snyder, Jr., NCTT PI and Executive Director

Location – Putnam Hall, Building 17

9:15 - 10:45 Technical Session 3

Jeff Davis, Jamestown Community College
Public Key Encryption (part 1 of 2) (Bldg. 17 – Rm. 621)

Scott SaintOnge, NCTT
Introduction to Information Architecture on the Web (Bldg. 17 – Rm. 619)

Diane Snyder, STCC
Teaching and Learning Using Tablet PC's (Bldg. 17 – Rm. 602)

10:45 – 11:00 Break

11:00 - 12:30 Technical Session 4

Jeff Davis, Jamestown Community College
Public Key Encryption (part 2 of 2) (Bldg. 17 – Rm. 621)

Siben Dasgupta, Wentworth Institute of Technology
Application of Matlab for Digital Signal Processing (repeated) (Bldg. 17 – Rm. 617)

Warren Hioki and Michael Connolly, Community College of Southern Nevada
RFID and Bluetooth Technology (repeated) (Bldg. 17 – Rm. 602)

Location – Scibelli Hall, Building 2, 7th Floor

12:30 - 1:30 Lunch – Chance Glenn, Rochester Institute of Technology
Integrating Applied Research into the ICT Classroom

1:30 - 4:00 Steve Budd, STCC, Laura Qaissaanee, Brookdale Community College and Pete Saflund, NCTT
Grant Writing Session (part 1 of 2)

4:00 Adjourn

Dinner on your own

NATIONAL CENTER FOR TELECOMMUNICATIONS TECHNOLOGIES

ICT Curriculum Workshop, July 11 - 14, 2005

Springfield Technical Community College, Springfield, MA

Day 3, Wednesday, July 13, 2005

Location –Scibelli Hall, Building 2, 7th Floor

8:00 - 8:30 Continental Breakfast

Location – Putnam Hall, Building 17

8:30 - 10:00 Technical Session 5

Linda Scott, Education Development Center

How-to Access Students' IT Skills in Non-IT Classes (part 1 of 2) (Bldg. 17 – Rm. 621)

Gina Potenza, SUNY Institute of Technology

Economic Impact of Industry Sponsored Information Technology (Bldg. 17 – Rm. 612)

Sala Qazi, SUNY Institute of Technology

Optical Wireless Communications: Challenges and Opportunities (Bldg. 17 – Rm. 602)

10:00 – 10:15 Break

10:15 - 11:45 Technical Session 6

Linda Scott, Education Development Center

How-to Access Students' IT Skills in Non-IT Classes (part 2 of 2) (Bldg. 17 – Rm. 621)

Vladimir Riabov, Rivier College

Challenging Projects and Virtual Labs in Web-enhanced IT Classes (repeated) (Bldg. 17 – Rm. 619)

Michael Qaissaunee and Mohammad Shanehsaz, Brookdale Community College

The ABC's of Wireless Security: WEP, TKIP, WPA & Beyond (Bldg. 17 – Rm. 602)

Location –Scibelli Hall, Building 2, 7th Floor

11:45 - 1:00 Lunch

1:00 - 2:00 NCTT Open Content Development System Demonstration

2:00 - 4:00 Steve Budd, STCC, Laura Qaissaunee, Brookdale Community College and Pete Saflund, NCTT
Grant Writing Session (part 2 of 2)

4:00 Adjourn

Dinner on your own

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ICT Curriculum Workshop, July 11 - 14, 2005

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Day 4, Thursday, July 14, 2005

Location – Scibelli Hall, Building 2, 7th Floor

8:00 - 8:30 Continental Breakfast

Location – Putnam Hall, Building 17

8:30 - 10:30 Technical Session 7

Dennis G. Vaillancourt, National Center of Excellence for High Performance Computing Technology
High-availability Clustered Computing (Bldg. 17 – Rm. 621)

Sala Qazi, SUNY Institute of Technology

Optical Wireless Communications: Challenges and Opportunities (repeated) (Bldg. 17 – Rm. 612)

Michael Qaissaunee and Mohammad Shanehsaz, Brookdale Community College

The ABC's of Wireless Security: WEP, TKIP, WPA & Beyond (repeated) (Bldg. 17 – Rm. 602)

10:30 - 10:45 Break

Location – Scibelli Hall, Building 2, 7th Floor

10:45 - 12:00 Panel: Regional Partnership Defined

12:00 - 1:00 Boxed Lunch & Raffle

1:00 Partner Meeting

Dinner on your own