



SUMMER EDUCATORS INSTITUTE

Making the Connection

June 28-30, 2011

8:00am – 3:00pm

Bellingham Technical College

18 Clock Hours

The following workshops are available this summer. Please choose one:

International Cuisine I

\$250.00

Instructor: Brian McDonald

This workshop will focus on three prominent International Cuisines of the world including France, Germany, Scandinavia and Eastern Europe. Discussion topics include the eating habits, ethnic influences, indigenous foods and customs, cooking methods used, traditional equipment and each regions overall influence on today's restaurant market. Each morning of the workshop will be spent in the college's commercial kitchens preparing dishes of the representative regions. The workshop will also include a discussion with a guest chef on aspects of the culinary field and employment skills desired in the professional kitchen today. Our session will close with a peer roundtable discussion/brainstorming session on teaching strategies employed in secondary and post-secondary foodservice programs.

Instructor Credentials: Brian has cooked professionally for over 20 years holding positions as a corporate restaurant chef, garde manger chef, catering chef, private chef, and butcher. He attended the Culinary Institute of America, graduating number one in his class. He has worked at many fine restaurants and hotels including the Ritz-Carlton Hotel, Amelia Island, Florida, Rick Bayless' Frontera Grill, David Burke's Park Avenue Café in Chicago and locally at Seattle's Thirteen Coins Restaurant and Jerry Traunfield's Herb Farm Restaurant. He taught culinary arts for eight years in Asheville, North Carolina before joining Bellingham Technical College in 2003. Brian is a Certified Executive Chef and Certified Culinary Educator with the American Culinary Federation.

Desserts of France, Germany, Scandinavia and Eastern Europe

\$250.00

Instructor: Hilde Hettegger-Korsmo

This workshop will focus on desserts of three prominent International Cuisines of the world including France, Germany, Scandinavia and Eastern Europe. We will join Chef McDonalds group in the afternoon and discuss Historical and cultural influences on the cooking and preparation influenced by that cuisine. Each morning of the workshop will be spent in the college's commercial kitchens preparing desserts of the representative regions. The workshop will also include a discussion with a guest chef on aspects of the culinary field/pastry and employment skills desired in the professional kitchen today. Our session will close with a peer roundtable discussion/brainstorming session on teaching strategies employed in secondary and post-secondary foodservice programs.

Instructor Credentials: Hilde holds a Culinary Arts and Hospitality Management degree from a College of Culinary Arts in Salzburg, Austria, where she graduate at the head of her class, and obtained advanced certification as an apprenticeship instructor. Over the past 20 years Hilde has held a variety of positions in Austria, Italy and the US, ranging from restaurant and bar manager, catering director, and banquet manager. Hilde owned her own catering company specializing in European desserts before joining Bellingham Technical College as their adjunct pastry instructor in 2006. Hilde since has joined Bellingham Technical College as a tenure track instructor in pastry and culinary arts, and is in the process of completing her Certified Culinary Educator and Certified Working Pastry Chef with the American Culinary Federation.

Best Practices in Instrumentation & Control Technology Education

\$250.00

Instructor: Tony Kuphaldt

The objective of this Summer Institute session is to share ideas and best practices in teaching Instrumentation to students at the two-year college level and promoting Instrumentation as a rewarding educational and career path to students at the high school level. Open discussion-style sessions will be held at Bellingham Technical College, where BTC's Instrumentation and Control Technology program will serve as a template and starting point for discussion. Attendees will receive complementary CD-ROMs containing student reference material used in BTC's Instrumentation program, as well as video clips showing the educational techniques and practices in action.

Instructor Credentials: Tony Kuphaldt has taught in the Instrumentation and Control Technology program at BTC for the last 13 years, with 11 years of industrial experience as an instrument/electrical/automation technician in primary metal production, oil refining, and machine tool industries. He is the author of the "Lessons In Industrial Instrumentation" textbook. Tony has been twice listed in the "Who's Who Among American's Teachers" registry and has been an actively participating member of the IICTA (Industrial Instrumentation and Controls Technology Alliance) since 2006.

Solar and Fuel Cell Technology

\$250.00

Instructor: Sam Cheung

Renewable energies are energy sources that are continuously being replenished by natural process and virtually inexhaustible. This workshop is designed to provide some basic building blocks to understand solar cell and fuel cell technologies. Discussion topics include characteristics of Photovoltaic cell and Polymer Electrolyte Membrane (PEM) fuel cell. An overview of fuel cells types, hydrogen storage and safety as well as fuel cell applications. The workshop will focus on hands-on applications such as electrolysis of water to produce hydrogen and oxygen with the solar cell and PEM fuel cell modules, using these two gases to power a fuel cell car or an electric fan and observe water as a by-product that can be used to recycle back into the process. Investigate the PEM fuel cell construction by dismantling and assembly of a single fuel cell, single and stack fuel cell efficiencies, and series or parallel fuel cell

configurations. Teachers will be given the information needed to help incorporate clean energy for the future into physics, chemistry, mathematics, science and technology classes.

Instructor Credentials: Sam Cheung has been an electronics technology instructor with BTC for 6 years. He worked for IBM more than 25 years as a development engineer and his work experiences are in the areas of thin-film, laser and optical measurements, PC development and server system performance. He received numerous awards as well as a US patent. Sam holds a MS degree in electrical engineering and a Masters degree in Education.

Welding Bootcamp: Industrial Skill Upgrade

\$250

Instructor: Mary Kuebelbeck

This workshop will focus on helping high school metal shop instructors bring their welding skills up to current industry standards in the area of Gas Tungsten Arc, with refreshers in Shield Metal Arc and Gas Metal Arc Welding techniques. The workshop will take place in BTC's state-of-the-art welding facility. Participants will be introduced to BTC's welding curriculum and desired student achievement standards for employability in today's welding marketplace. High school teachers will receive guided practice in learning and refining welding skills from BTC's program instructor. Note: for teachers who have participated in previous Welding Bootcamps, individualized instruction will be provided as needed or requested. Teachers do need to have, at a minimum, basic welding skills, and equipment.

Instructor Credentials: Mary Kuebelbeck has been a full-time welding instructor for four year and an adjunct welding instructor for nine years at BTC. Mary has worked in industry fabrication shops and many Artists studios. Mary is a local, and regional exhibiting Metal Sculptors, holds a WABO certification, and has Associates in Welding Technologies, and a Career & Technical Education certificate from BTC.

Registration: Complete the attached registration form and submit with payment to:

Bellingham Technical College
3028 Lindbergh Ave
Bellingham, WA 98225
Attn: Business Office

Fax registration to: 360-676-2798
Phone: 360-752-8350 (for registration questions)

For workshop questions: Linda Crawford, email: lcrawford@btc.ctc.edu
phone: 360-752-8353
Linda Ruthrauff, email: lruthrau@btc.ctc.edu
phone: 360-752-8409