

## COURSE SCHEDULE

### **Brownfields Job Training Program**

*March 5 – April 27, 2012*

*Harrisburg Area Community College*

*Lancaster Campus – East Building*

*All classes are in Room 202 unless otherwise indicated*

### **WEEK ONE**

#### **Monday, March 5th**

8:00 am Sign in, receive course materials - Welcome and orientation

8:30 – 12:00 **Introduction to Environmental Science, *Huey Huynh***, Adjunct Faculty Biology, HACC Lancaster

12:00 – 12:30 LUNCH on your own

12:30 - 3:00 **Introduction to Environmental Science, continued**

#### **Tuesday, March 6th**

8:00 – 10:00 **DVD - Brownfield: An Overview**

10:00-12:00 **The Brownfields Redevelopment Process in PA, *Jill Gaito***, Gaito & Associates, LLC and ***Kathy Horvath***, PA DEP, Land Recycling Chief

12:00-1:00 LUNCH on your own

1:00-2:00 **Laboratory Overview, *Carol LaRegina***

2:00-3:00 **PA Brownfields Success Stories**

#### **Wednesday, March 7th**

8:00 – 9:00 Travel to ALS Global, Middletown, PA

9:00 – 10:30 **Tour of Analytical Laboratory Services Environmental, *Michael Farling***, Eastern USA Operations Director, ALS Environmental, and ***Anna Milliken***, Lab Director, ALS Environmental

10:30 – 12:00 **Tour of PA Geologic Survey, *George Love***, PA DCNR, Bureau Director and State Geologist

12:00 – 1:00 LUNCH and travel to SAIC Environmental Equipment and Supply, Harrisburg, PA

1:00-4:00 **Tour of SAIC Environmental Equipment and Supply, *John Morton***, Environmental Equipment and Supply

**Thursday, March 8th**

8:00 – 9:00 **Introduction to Aerotek Recruiting Services, *Libby Miller***, Account Manager, Environmental, Engineering and Construction, Aerotek

9:00 – Noon **Water and Wastewater Treatment Plant Operators, *Gary Moyer***, Water Program Specialist, PA Department of Environmental Protection

Noon – 12:30 LUNCH on your own

12:30 – 3:00 **Sample Planning, *April Ferree***, Herbert, Rowland and Grubic, Inc.

**Friday, March 9th**

8:00 – 9:00 Brownfields Discussion

9:00 – 11:30 **Environmental Remediation, *Scott Wendling, PG***, Vice President, Geophysics, ARM Group

11:30 – 1:00 **Walking Tour of Lancaster Brownfield Sites, *Scott Wendling, PG***, ARM Group, Hershey

1:00-2:00 LUNCH on your own and travel back to classroom

2:00 – 3:00 Assessment

**WEEK TWO**

**Monday, March 12th and Tuesday, March 13th**

8:00 – 4:30 pm **HAZWOPER Certification Training**, East Building Room 202

**Wednesday, March 14th through Friday, March 16th**

8:00 – 4:30 pm **HAZWOPER Certification Training**, Lancaster County Public Safety Center, 101 Champ Blvd, Manheim, PA

## **WEEK THREE**

### **Monday, March 19th**

8:30 – 9:00 Assessment

9:00 – 11:00 **Resume Preparation and Interview Skills, *Wendy Gilman***, HACC Instructor, Lancaster Campus, Room 216

11:00 – 1:00 LUNCH and travel to Land Studies

1:00 – 4:00 **Watersheds, *Benjamin Uhler***, Project Manager, Geomorphologist, Land Studies – at the Land Studies Office, Lititz, PA

### **Tuesday, March 20th**

8:00 – 4:30 **Confined Space/Entrant Attendant and Supervisor Training**  
Lancaster County Public Safety Center, 101 Champ Blvd, Manheim, PA

### **Wednesday, March 21st**

9:00 – 9:30 Discussion of waste treatment facilities

9:30 – 10:00 Travel to Environmental Recovery Solutions, Lancaster, PA

10:00-11:30 **Tour of Environmental Recovery Solutions**

11:30 – 1:00 LUNCH and travel back to HACC classroom

1:00 – 3:00 **Overview of Underground Storage Tanks, *Robert Marion, PG***, President, GCI Environmental Services

### **Thursday, March 22nd**

8:00 –12:00 **Math and Measurement, *Mike Butala***, Adjunct Faculty, HACC

12:00- 12:30 LUNCH on your own

12:30 –4:00 **Math and Measurement, continued**

### **Friday, March 23rd**

8:00 – 9:00 Assessment

9:00-12:00 **Introduction to Surveying, *Michael Kreiger, PLS***, Regional Survey Group Manager, HRG, Inc.

12:00 – 1:00 LUNCH on your own

1:00 – 3:00 **Resume Preparation and Interview Skills, *Wendy Gilman***, HACC Instructor, Lancaster Campus, Room 216

## **WEEK FOUR**

### **Monday, March 26th**

8:00 – 12:00 **Technical Writing, *Mike Butala***, Adjunct Faculty, HACC

12:00 – 12:30 LUNCH on your own

12:30 – 4:00 **Technical Writing, continued**

### **Tuesday, March 27th**

8:00 – 11:00 **Green Solutions – Case Studies**

11:00 – 11:30 Travel to Wohlsen

11:30 - 1:00 **LEED Tour and Lunch and Learn at Wohlsen Construction, *William Sutton, LEED AP***, Wohlsen Construction

1:00-1:30 Travel back to HACC classroom

1:30 – 3:00 Discussion of LEED tour and Assessment

### **Wednesday, March 28th**

8:00 – 9:00 Travel to LASA facility

9:00 – 11:00 **Tour of Lancaster Area Sewer Authority, *Becky Cowan***, Operator  
4160 Blue Rock Road, Washington Boro, PA 17582

11:00 – 12:30 Travel back to classroom and LUNCH on your own

12:30 – 3:00 **Introduction to Solar Energy, *Mike Barnes***, President, I Need Solar.

### **Thursday, March 29th**

9:00 – 11:30 **Renewable Energy Technologies, *Dan Wagner***, HACC, Director, Workforce Training

11:30 – 12:00 LUNCH on your own

12:00 – 3:00 **Introduction to AutoCAD, *Beth Morris***, HACC, Adjunct, Technical Training, Room 216

### **Friday, March 30th**

8:00 – 10:00 **Introduction to Water Quality Management, *Richard Shertzer***

10:00 – 12:00 **Phase I Environmental Site Assessments and Compliance Auditing, *Maureen Egner***, Environmental Specialist, Skelly and Loy, Inc.

12:00 – 1:00 LUNCH on your own

1:00 – 3:00 **Lancaster County Planning Commission Overview, *Mary Gattis-Schell***, Senior Environmental Planner

## **WEEK FIVE**

### **Monday, April 2nd**

8:00 – 10:00 Assessment/Class Discussion

10:00 – 12:00 **Industrial Hygiene, *Robert Rowley, CIH, CSP***, Director of Industrial Hygiene Services, Skelly and Loy, Inc.

12:00 – 1:00 LUNCH on your own

1:00 - 3:00 **PA Environmental Regulations, *Chuck Rine, PG***, Senior Associate, Groundwater Sciences Corp. and Adjunct Professor, Environmental Specialist Program, HACC

### **Tuesday, April 3rd**

8:00 – 12:00 **Computer Training, *Melanie McNew***, HACC, Education Specialist  
East Building, Room 216

12:00-12:30 LUNCH on your own

12:30 – 4:00 **Computer Training, continued**  
East Building, Room 216

### **Wednesday, April 4th**

8:00 – 9:00 Landfill Discussion

9:00 – 10:00 Travel to Landfill in HACC Bus

10:00 – 12:00 **Tour of Frey Farm Landfill, *Robert Esbach***, Landfill Manager, LCSWMA

12:00 – 1:00 Return to HACC classroom and LUNCH

1:00 – 2:00 **Introduction to USDA-Natural Resources Conservation Service, *Noel Soto***

2:00 – 3:00 Landfill Discussion, continued

### **Thursday, April 5<sup>th</sup>**

8:30 - 9:00 Class review and travel to site

9:00 – 10:00 **Tour of National Novelty Brush Green Roof, *Rick Seavey***

10:00 – 12:00 Development of website list for potential jobs

12:00 – 1:00 LUNCH on your own

1:00 – 3:00 **Role of the Environmental Technician, *Les Gordon***, Minuteman Environmental Services

### **Friday, April 6th**

OFF – NO CLASS

## **WEEK SIX**

### **Monday, April 9<sup>th</sup>**

8:00 - 12:00 **Introduction to GIS, *Linda McCawley***

12:00 – 1:00 LUNCH on your own

1:00 - 3:00 **Map and Plan Reading, *Linda McCawley***

### **Tuesday, April 10<sup>th</sup>**

8:00 – 12:00 **Introduction to Brownfields Remediation, *Jim LaRegina, PG*, Senior Project Manager, Herbert, Rowland and Grubic, Inc.**

12:00 – 1:00 LUNCH on your own

1:00 – 3:00 **Resume Preparation and Interview Skills, *Wendy Gilman*, HACC Instructor, Lancaster Campus, Room 216**

### **Wednesday, April 11<sup>th</sup>**

8:00 – 9:00 Assessment

9:00 – 12:00 **Liability Issues for Environmental Technicians, *Pat Zaepfel, Esq*, Zaepfel Law, PC**

12:00 – 1:00 LUNCH on your own

1:00 – 3:00 **Brownfield Case Study, *Gerry Fitzpatrick*, Environmental Standards, Inc.**

### **Thursday, April 12<sup>th</sup>**

8:00 – 11:30 **Environmental Technician Responsibilities: Documentation & Sampling Procedures, *Keith Deah*, GSI Environmental**

11:30 - 12:30 LUNCH on your own

1:00 – 3:00 **Field trip to remediation site, *Keith Deah***

### **Friday, April 13<sup>th</sup>**

8:00 – 12:30 **Introduction to Geology and Groundwater, *Timothy Bechtel, PhD, PG*, Principal Geophysicist and *Felicia Bechtel, PG*, President, Enviroscan, Inc.**

12:30 – 1:00 LUNCH on your own

1:00 – 3:00 **Geophysics Demonstration, *Tim Bechtel and Felicia Bechtel*, Enviroscan, Inc.**

## **WEEK SEVEN**

### **Monday, April 16th**

8:00 – 9:00 Travel to Transfer Station, 1299 Harrisburg, Pike, Lancaster, PA 17603, 717-397-9968 on HACC bus

9:00 – 10:00 **Lancaster County Solid Waste Management Authority (LCSWMA) Transfer Station Tour, *Troy Gerlach and Roger Russin*, LCSWMA**

10:00 – 10:30 Travel to LCSWMA Waste to Energy Facility, 1911 River Road, Bainbridge, PA 17502, 717-426-1041

10:30 – 12:00 **Tour of LCSWMA Waste to Energy Facility, *Kevin Connor*, LCSWMA**

12:00-1:00 LUNCH and return to classroom

1:00 – 3:00 **Lancaster County Conservancy, *Mike Burcin***

### **Tuesday, April 17th through Thursday, April 19th**

8:00 – 4:30 **Lead Paint Inspector Training**  
Cocciardi & Associates  
HACC Midtown 1, Room 228, 1523 N. Fourth Street, Harrisburg, PA

### **Friday, April 20<sup>th</sup>**

8:00 – 11:00 **Map and Plan Reading, *Linda McCawley***

11:00 – 12:30 **Tour of Lancaster City Conestoga River Drinking Water Plant, *John Holden***

1:00 – 3:00 **Tour of Tellus360 Green Roof, *Mairtin Lally***

## **WEEK EIGHT**

### **Monday, April 23th**

8:00 – Noon **Class Review**

11:00 – 12:00 LUNCH on your own

12:00 – 3:00 **Stream Sampling Techniques, *Harry Campbell*, Senior Scientist, Chesapeake Bay Foundation and Adjunct Professor, Environmental Specialist Program, HACC**

### **Tuesday, April 24th through Thursday, April 26th**

8:00 – 4:30 **Asbestos Inspector Training**  
Cocciardi & Associates  
HACC Midtown 1, Room 228, 1523 N. Fourth Street, Harrisburg, PA

### **Friday, April 27th – LAST DAY**

8:00 – 10:00 **Natural Gas Overview and Opportunities, *Jake Wilburn and Don Wandling*, Rettew**

10:00 – 12:00 GRADUATION CEREMONY