

## **AIA Continuing Education to Volterra, Italy 10/18/16-10/27/16**

Revised 12/18/14

**Sponsors:** The University of Detroit Mercy School of Architecture and the Volterra-Detroit Foundation. Program is available for AIA Michigan and AIA Pittsburgh members.

**Tour Leader:** Professor Dan Pitera, FAIA, University of Detroit Mercy School of Architecture

**Dates:** October 20-27, 2015 plus travel days with an optional trip to the Milan World Exposition.

**Accommodations:** Volterra International Residential College with eight bathroom suites housing from 1 to 6 individuals each. Bringing spouses, partners, family or friends to share rooms is acceptable. Room pricing is on a per person basis.

**Contact:** For questions and the process for reserving a limited spot on the program contact Professor Stephen Vogel, FAIA at vogelsp@udmercy.edu.

### **Preliminary Schedule:**

	<b>Morning</b>	<b>Lunch</b>	<b>Afternoon</b>	<b>Dinner</b>
Sun. 10/18/15			Departure USA	
Mon., 10/19/15			Arrival Volterra Wine Tasting	Volterra
Tues., 10/20/15	Class #1	Volterra	Tour #1	Volterra
Wed., 10/21/15	Class #2	Volterra	Tour #2	Volterra
Thurs., 10/22/15	Tour #3	Florence	Florence	Florence
Fri., 10/23/15	Class #3	Volterra	Volterra	Volterra
Sat., 10/24/15	Tour #4	Biological Farm	Tour #5	Volterra
Sun., 10/25/15	Tour #6	Siena	Montereggioni	Volterra
Mon., 10/26/15	Volterra	Volterra	Volterra	Special Farewell Dinner
Tues., 10/27/15	Departure Volterra		Arrival USA or Elsewhere	

### **Optional Trip to the 2015 Milan World Exposition**

Tues., 10/27/15			Arrive Milan	
Wed.10/28-Thurs., 1029/15	Milan	Milan	Milan	Milan
10/30/15	Departure Milan		Arrival in USA	

### **Optional Trip to Milan**

If there is expressed interest among some who are participating in the program, we can arrange a special trip to the 2015 Milan World Exposition that closes the end of October. This can either be done as a group or individuals may wish to do this on their own. Our Italian-speaking tour guide is willing to accompany a group as long as enough people are interested. Likewise, AIA learning units may be determined for the activities in Milan. Of special interest may be the widely published vertical farm.

***AIA Learning Units [note: some courses are pending administrative approval]:***

Class #1: The Art and Architecture of Volterra (2.0 LU)  
Tour #1: Historic Volterra (2.0 LU/HSW)  
Class #2: Historic Preservation in Italy (2.0 LU/HSW)  
Tour #2: The Museums of Volterra (2.0 LU)  
Tour #3: Historic Florence (3.0 LU + 2.0 LU/HSW)  
Class #3: Sustainability in Italian Architecture (2.0 LU/HSW)  
Tour #4: Larderello Geothermal Plant (2.0 LU/HSW)  
Tour #5: Biological Farm (1.0 LU + 1.0 LU/HSW)  
Tour #6: Historic Siena/Montereggioni (2.0 LU + 1.0/HSW)

Total Learning Units: 22

See course details below.

***Program Cost:***

Estimated at \$2500/person including the following depending on final pricing and the dollar/Euro exchange rate.

- Accommodations at the Volterra International Residential College (with breakfast)
- Transportation to and from the airport in Pisa
- Group meals at pre-arranged locations
- Transportation for 4 out of town tours
- 4 Courses in Volterra
- 2 Tours in Volterra
- 4 Tours outside Volterra
- The cost of the Group leader

Not included:

- Transportation to Pisa from the United States and back or from elsewhere
- Overnight accommodation in Pisa, if desired.
- Optional trip to the 2015 Milan World Exposition.
- Museum/Historic Site tickets.

If spouses, partners or other family or friends share rooms but do not take the courses, special pricing may be worked out on an individual by individual basis.

A \$500 deposit will be required to reserve a place in the program on a first come, first serve basis. The check should be made out to the Volterra-Detroit Foundation. The deposit is refundable if the decision not to go is made by March 31, 2016. Because space is limited a waiting list will be developed if necessary.

### ***Class #1: The Art and Architecture of Volterra (2.0 LU)***

A lecture illustrating significant art and architecture found in Volterra with an emphasis on the techniques used to preserve and house the art and to maintain the historic Etruscan, Roman, Medieval and Renaissance buildings. This course will work in conjunction with Tour #1 and Tour #2 where you will visit the museums housing the art as well as the many historic buildings in the city. This class also coordinates with Class #3 where you will learn more specifically about requirements for historic preservation in Italy.

Learning Objectives:

- Be aware of the basic qualities of Etruscan, Roman, Medieval and Renaissance art and architecture.
- Understand how this art and architecture is protected and displayed.
- Be aware of issues facing the looting of art in Italy and how security is practiced.

### ***Tour #1: Historic Volterra, Italy (2.0 LU/HSW)***

A walking tour of one of the longest continuously occupied cities in Italy that gives an opportunity to see the architecture and planning principles discussed in Class #1. The city was one of the original 12 Etruscan League (pre-Roman) hill top cities and retains some of its original Etruscan walls and a famous Etruscan gate. It also has Roman, Medieval and Renaissance buildings as well as many 19<sup>th</sup> century structures. It is a great example of medieval city planning. Giulia Munday, Program Director of the Volterra International Residential College will lead the tour.

Learning Objectives:

- Be aware of the physical history of the pre-Roman Etruscans and their contribution to architecture.
- Track the changes through history of Etruscan, Roman, Medieval and Renaissance Architecture.
- Understand the principals of medieval city planning, using cities without cars and the importance of the economic development of heritage tourism.
- Experience the use and design of active public space and how the quality of life is improved through those spaces.
- Experience a “walkable” city and how the pedestrian is accommodated.

### ***Class #2: Historic Preservation in Italy (2.0 LU/HSW)***

A presentation by Italian architect Andrea Bianchi and others describing the laws, regulations and requirements governing historic preservation in Italy will be given. Case studies are utilized to illustrate the major considerations in the preservation process including the restoration of the Volterra International Residential College, which houses the classroom in which the presentation

will take place. This 10,000 square foot historic building was recently restored to current Italian preservation standards.

Learning Objectives:

- Understand Italian laws governing historical preservation of buildings
- Understand how Italian preservation law and American preservation law are similar or different.
- Observe differences in methodology of restoring materials in Italian construction.
- Understand the role of the architect and other professionals in Italian preservation practice.
- Understand the role of sustainability in the preservation of Italian buildings.

### ***Tour #2: The Museums of Volterra (2.0 LU)***

Tour the famous Guarnacci Etruscan Museum and experience the art and artifacts of Etruscan culture and how those artifacts are discovered, displayed and preserved. Tour the Art Gallery and Civic Museum of Volterra and finally visit the Alabaster Museum of Volterra. This later Museum is a superb example of contemporary adaptive reuse, combining historic architecture and contemporary interiors.

Learning Objectives:

- Understand the progression of Italian art from the Etruscan era to the Renaissance.
- Understand how art is discovered, conserved and displayed in Italy.
- Be aware of the technical issues of art preservation.
- Be aware of lighting and display systems for art and other artifacts.
- Understand how contemporary interiors and displays can be inserted into historic buildings.

### ***Tour #3: Historic Florence, Italy (3.0 LU + 2.0 LU/HSW)***

The walking tour of the historic City of Florence will include visiting some of the great monuments of architectural history. These include the Cathedral of Santa Maria del Fiore with its great Renaissance dome by the architect Brunelleschi and the Pazzi Chapel by the same architect. Included will be visits to great public spaces such as the Piazza della Signoria and Piazza della SS Annunziata.

Learning Objectives:

- Be aware of the economic benefits as well as problems in heritage tourism.
- Understand the importance of historic preservation.
- Experience the use and design of active public space
- Track the changes through history of Roman, Medieval and Renaissance Architecture.

### ***Class #3: Sustainability in Italian Architecture (2.0 LU/HSW)***

This course will be presented by a local architect and will discuss the stringent requirements in Italy for energy conservation and the use of renewable resources. This includes the requirements for

white, yellow and gray water systems in building design, water harvesting and collection and use of renewable energy systems.

Learning Objectives:

- Understand energy conservation requirements in Italy.
- Understand how white, yellow and grey water systems are integrated into building design.
- Understand efforts to provide renewable energy sources to power buildings including geothermal, solar and wind.
- Understand efforts in conservation.

#### ***Tour #4: Larderello Geothermal Plant (2.0 LU/HSW)***

Almost 2% of the energy produced in Italy is from geothermal plants. It accounts for 27% of the energy used in Tuscany where all of the plants are located. The Larderello Geothermal Power Station, near Volterra has been active since the early 20<sup>th</sup> Century. The tour will visit the plant and its associated museum. You will learn about this important source of renewal energy and how Tuscany is working to become energy independent.

Learning Objectives:

- Be aware of the history of geothermal energy production in Italy.
- Understand how large-scale geothermal energy is produced and distributed.
- Understand the potential future of geothermal energy and its positive impact on the environment.
- Understand how geothermal, wind and solar energy are interfaced.

#### ***Tour #5: Biological Farm (1.0 LU+ 1.0 LU/HSW)***

This tour will visit the famous biological farm “Fattoria Lischetto” in the hills outside Volterra. This farm produces, among many things, organic cheeses, cereals and olive oil. Enjoy a healthy lunch and hear how a true organic farm operates.

Learning Objectives:

- Understand the definition of “organic”.
- Be aware of the importance of healthy eating.
- Be aware of the importance of organic farming for the economy of Italy.
- Experience the enhanced taste experience of organic food.

#### ***Tour #6: Historic Siena and Monteregioni, Italy (2.0 LU + 1.0 LU/HSW)***

This walking tour is of the famous Tuscan city of Siena, which is the capital of the province of the same name. It's roots trace back to Etruscan times and remains of Etruscan, Roman, medieval and Renaissance periods of history are evident throughout. Its historic center has been declared by UNESCO a World Heritage Site and is one of the most visited cities in Italy. Of architectural interest is its famous town hall with equally famous frescos of the results of “good government” and

“bad government” and its unique Romanesque-Gothic cathedral. On the way back to Volterra, we will stop at the famous walled city of Monteggioni that is notable for not having extensive development outside the walls.

Learning Objectives:

- Be aware of the economic benefits as well as problems in heritage tourism.
- Understand the impacts of site on urban planning and design.
- Understand the unique storm drainage system in this medieval city.
- Understand medieval city planning and the creation of defensive, hill top walled cities.
- Experience the use and design of active public space.