

# Tentative Activities

The first weekend of our visit will include cultural immersion activities in Port-au-Prince through people and organizations who can share an independent and authentic Haitian perspective on history, culture, politics, development, and spirituality.

The majority of our stay we will be in two rural cities developing the mathematical and computer programming skills of Haitian children. Using a set of creative, active learning activities developed during the first week of the course on campus, we will use the Scratch programming environment ([scratch.mit.edu](http://scratch.mit.edu)) to implement these activities. We will spend 4-5 hours each day teaching 5<sup>th</sup> and 6<sup>th</sup> grades at the AFAL (a peasant women's organization) school in Laschobas and the Maison Fortune Orphanage in Hinche. We also expect to spend some time doing teacher training using some common software applications.

Visits are planned to local sites of interest including a Haitian market and Bassin Zim, a beautiful waterfall near Hinche. After a debriefing on our Haitian experience we return to Port-au-Prince via a charter flight with Missionary Air Fellowship (<http://www.maf.org/haiti>) before returning to the US.



**Important Note:**  
Students must make the deadlines for deposits and full payment as instructed below. **October 3rd** is the last day to **ADD or DROP J-term study/travel courses**. For the College's cancellation and refund policy for study/travel courses, visit the J-term section on the OIE's website ([www.rmc.edu/studyabroad](http://www.rmc.edu/studyabroad)).

Date	Amount Due
<b>At time of registration</b>	<b>\$100 deposit</b> (students must take check and signed add-form to Registrar's Office to be added to the course. \$100 is applied to 50% deposit (see below); refundable if student drops the course before Oct. 3rd*.)
<b>Prior to Aug. 3</b>	<b>50% deposit</b> (payable by check, due to Business Office. Non-refundable after October 3rd*.)
<b>Aug. 3 - Sept. 1</b>	<b>50% deposit at time of registration</b> (if being added to a J-term study/travel course during this period, this amount will become due immediately.)
<b>By Oct. 3</b>	<b>100%</b> (students' J-term study /travel program fee due in full. Students who have not paid in full by October 3rd will be automatically withdrawn from the J-term study/travel course. Travel Course Instructor will determine amount of refund available to withdrawn students*.)

*\* unless an earlier deadline was established by the instructor.*

### J-term Need-based Travel Scholarship:

There are still some funds to be awarded, for which you can apply through the Financial Aid Office (visit <http://www.rmc.edu/FAForms> to download an application form). The priority will be given to freshmen who are eligible. If you have already been notified you are the recipient of a January-term need-based scholarship, that amount should be noted and accounted for in your remaining balance after your first payment has been received.

**Eligibility:** To be eligible to apply, students must (1) have the 2011-2012 Free Application for Federal Student Aid (FAFSA) completed by the priority deadline of April 15th, 2011 and (2) be pre-registered for a J-term 2012 travel course.

**Application:** Please complete Part 1 and 2 of the application form. For Part 2, you will need to attach a brief letter explaining why you need financial assistance to participate in the travel course.

**Deadline:** Friday, September 23th, 2011.



Randolph-Macon College

Ashland, Virginia

J-TERM STUDY / TRAVEL COURSE 2012

## CSCI 181.01: Computer Service Learning in Haiti



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## Course Description



CSCI 181 Computer Service Learning in Haiti

This course offers an opportunity to use existing and pre-trip enhanced

computing skills to assist in the development of the computing concepts and skills of Haitian children. During the students' time in Haiti the students will be introduced to the history, culture, economic, political and spiritual aspects of Haiti and will be given an opportunity to begin to establish relationships with Haitian people.

A major thrust of the on-campus portion during the first week of the course will involve "hands-on" instruction on the Scratch and/or Alice programming environments, easy-to-learn visual programming languages geared towards young programming beginners.

These materials will be used for instruction of elementary school children in Haiti. The on-campus portion of the course will prepare the students for instruction in the selected area.



Prior to travel students will receive instruction on the concepts to be taught, the use of the selected tools and the effective delivery of the materials. Additionally the students will be tested on their mastery of the aforementioned items.

Three hours. Recommendations: some programming background is helpful, but not necessary since the programming skills needed will be learned and practiced during the prep week that precedes our two weeks in Haiti. Students with English-French translation skills are also invited to register for the course and assist with its presentation. This course will not count toward the Computer Science major or minor.

## ▶ The Faculty

Chuck Leska is an Associate Professor in the Department of Computer Science. His expertise lies in the areas of algorithm visualization, software engineering and computer science education. Prof. Leska regularly teaches courses that cover the computing topics necessary for this travel course and has previously taught a service learning course in Haiti.



Ben Burrell is an Associate Professor and Chair of the Computer Science Department. His interests include computer graphics, simulation & modeling and computer science education. Prof. Burrell has been to Haiti several times with groups from his church and as a member of a diocesan level committee working in the Central Plateau on a sustainable development project.



## Prerequisites

None

Recommendations: some programming background is helpful, but not necessary since the programming skills needed will be learned and practiced during the prep week before travelling to Haiti. Students with English-French translation skills are also invited to register for the course and assist with its presentation.

## Estimated Cost

Estimated cost is \$2000 and includes all transportation, lodging, meals while in Haiti, and activity costs.

## Travel Dates:

January 7-21, 2012  
(tentative)

## Destinations

Haiti:

Port-au-Prince, Lascahobas & Hinche