

# CEGEP VANIER COLLEGE

## CENTRE FOR CONTINUING EDUCATION

### Web Programming

#### 420-999-VA

Teacher: Samir Chebbine

Lab 4

Jul 19, 2022

### Lab 4: Working with Web tables & Web Forms

Complete all these following HTML scripts as explained in my **Lab 4 YouTube Video 1**. All *missing HTML coding* are presented in this YouTube video with explanation.

#### 1. Web tables:

To create a table that spans several columns, add the attribute `colspan="value"`

To create a table that spans several rows, add the attribute `rowspan="value"`


HTML Code

Preview

courselist4.htm

```
1 <html>
2 <head>
3   <title> This is the Course List</title>
4 </head>
5 <body>
6   
7   <h1>Vanier College</h1>
8   <h3>Course List Schedule</h3>
9   <table class="listcourse" border="1">
10    <tr>
11      <th>Time</th>
12      <th>Fall 2012</th>
13      <th>Winter 2012</th>
14    </tr>
15    <tr>
16      <th>Monday</th>
17      <td>HTML and Internet Programming</td>
18      <td>Analysis of The Work Function & Communication</td>
19    </tr>
20    <tr>
21      <th>Tuesday</th>
22      <td colspan="2">Association of Law Notions to the Professional Practice</td>
23    </tr>
24    <tr>
25      <th>Wednesday</th>
26      <td>International Business</td>
27      <td>Marketing and Communication</td>
28    </tr>
29  </body>
30 </html>
```

This is the Course List



## Vanier College

### Course List Schedule

Time	Fall 2012	Winter 2012
Monday	HTML and Internet Programming	Analysis of The Work Function & Communication
Tuesday	Association of Law Notions to the Professional Practice	
Wednesday	International Business	Marketing and Communication

courselist5.htm

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```

<html>
<head>
  <title> This is the Course List</title>
</head>
<body>
  
  <h1>Vanier College</h1>
  <h3>Course List Schedule</h3>
  <table class="listcourse" border="1">
    <tr>
      <th>Time</th>
      <th>Fall 2012</th>
      <th>Winter 2012</th>
    </tr>
    <tr>
      <th>Monday</th>
      <td>HTML and Internet Programming</td>
      <td>Analysis of The Work Function & Communication</td>
    </tr>
    <tr>
      <th rowspan="2">Tuesday</th>
      <td colspan="2">Association of Law Notions to the Professional Practice</td>
    </tr>
    <tr>
      <td>International Business</td>
      <td>Marketing and Communication</td>
    </tr>
  </table>
</body>
</html>

```

This is the Course List




## Vanier College

### Course List Schedule

Time	Fall 2012	Winter 2012
Monday	HTML and Internet Programming	Analysis of The Work Function & Communication
Tuesday	Association of Law Notions to the Professional Practice	
	International Business	Marketing and Communication

- Add appropriate tags to courselist5.htm in order to get the following preview:

This is the Course List



## Vanier College

### Course List Schedule

Day	Time	Fall 2012	Winter 2012
Monday	9H-12H	HTML and Internet Programming	Analysis of The Work Function & Communication
Tuesday	9H-12H	Association of Law Notions to the Professional Practice	
	13H-16H	International Business	Marketing and Communication

## 2. Introducing Web Forms: All files should be saved under the subfolder *Lab 4*

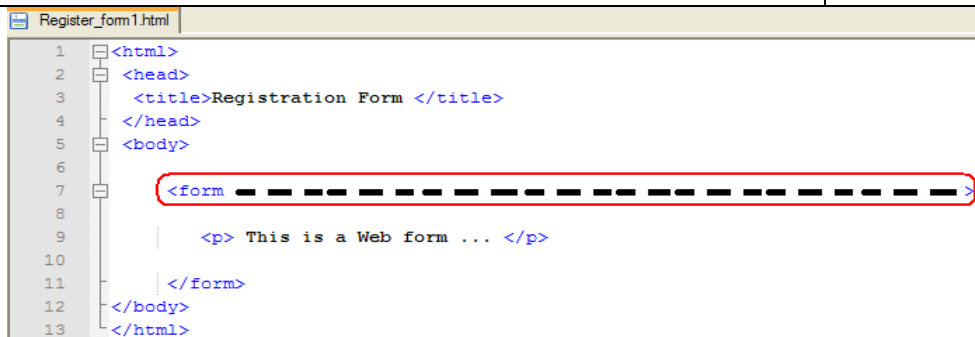
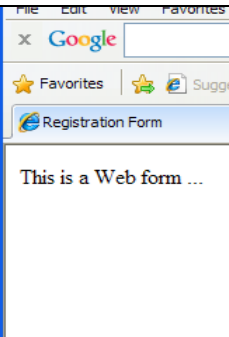
- **Parts of a Web Form and How the Form is Processed by Server-side Scripts**

Forms are created using the form element

**<form attributes>**

elements

**</form>**

HTML Code	Preview
	

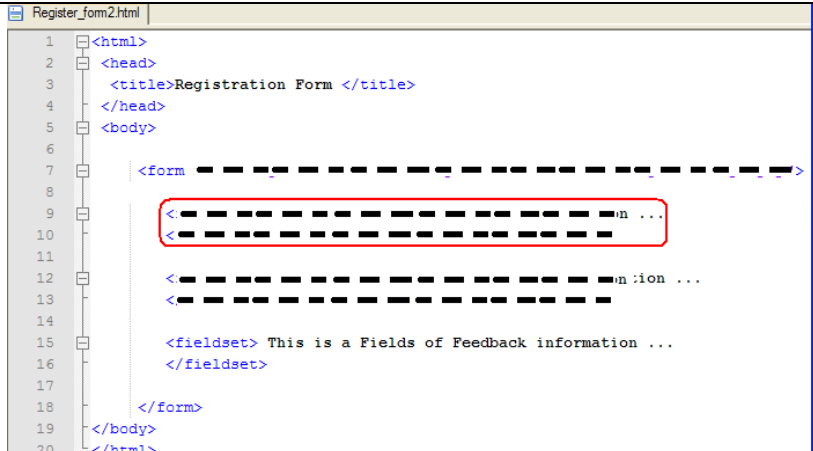
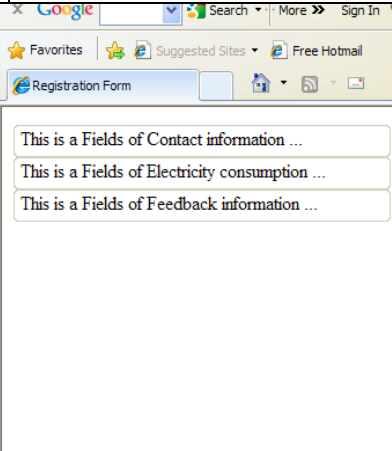
- **Creating a Field Set**

You can organize fields of the form into different field sets using the form element

**<fieldset attributes>**

elements

**</fieldset >**

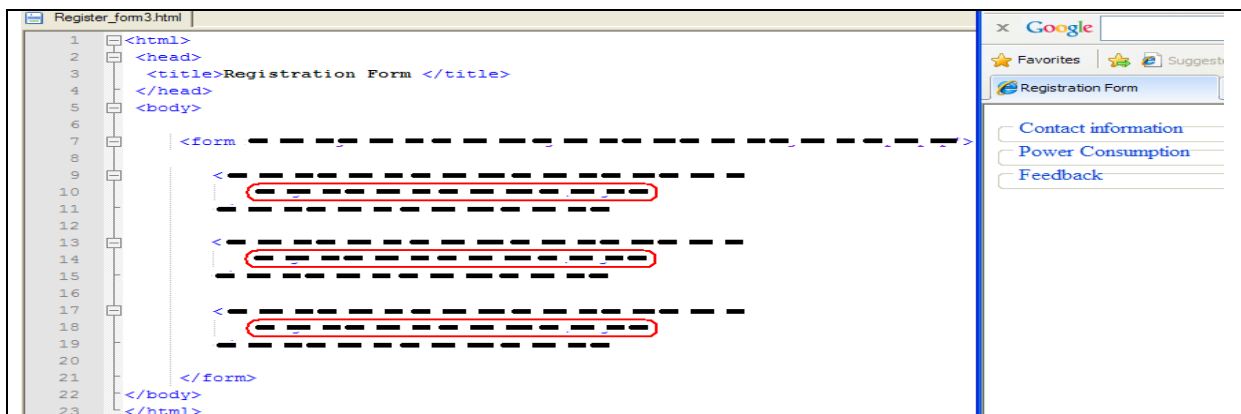
HTML Code	Preview
	

- **Creating a Label for each Field Set**

Every field set can contain a legend describing its contents. The syntax of the legend element is :

**<legend>**legend of the field set **</legend >**

HTML Code	Preview
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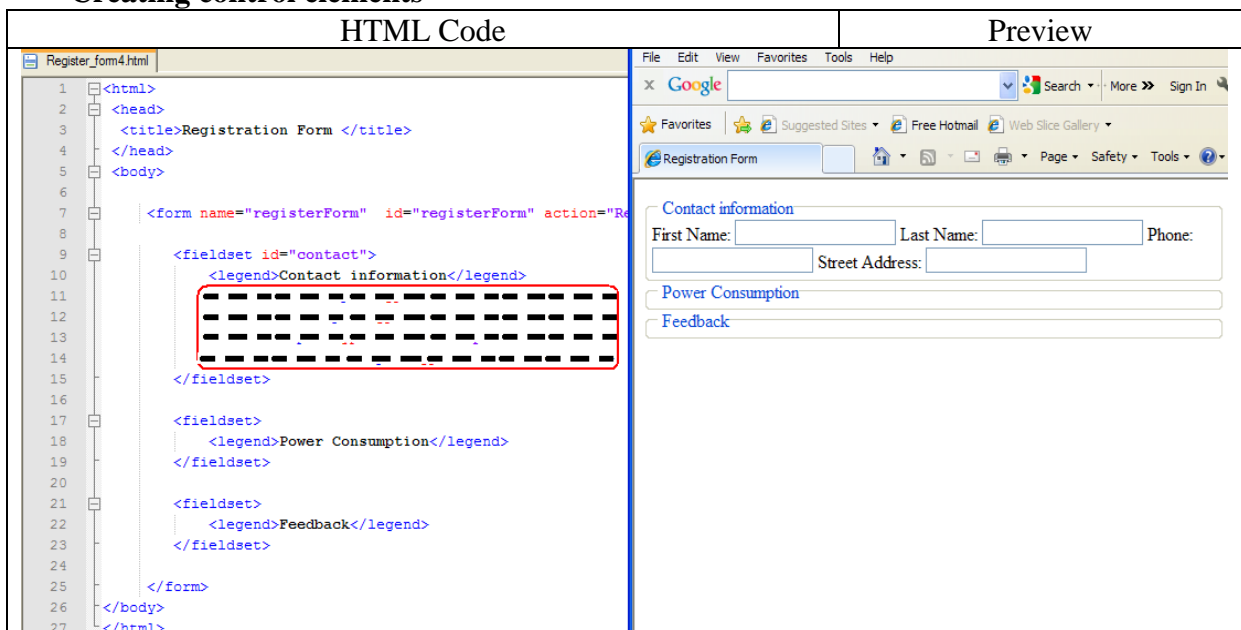


### 3. Creating Input Boxes

Most of the control elements are marked as input elements. The general syntax is:

```
<input type="type" name="name" id="id" />
```

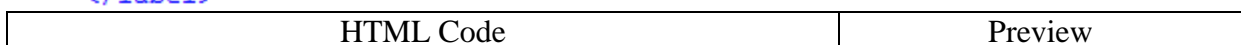
- **Creating control elements**

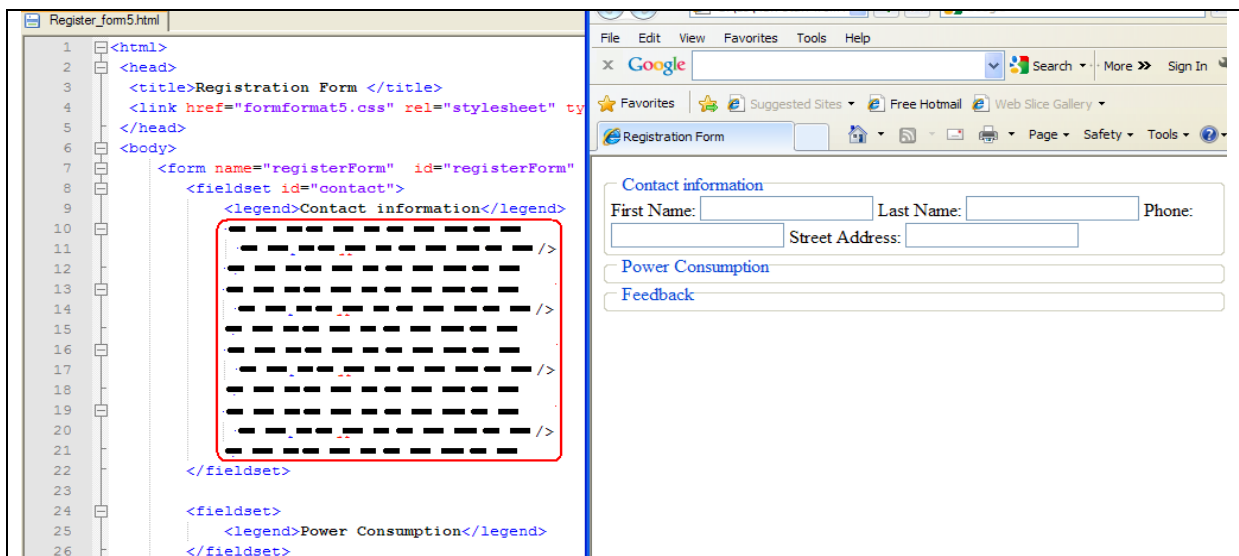


- **Adding Field Labels**

You can use the label element and associate it with the fname control element. The syntax:

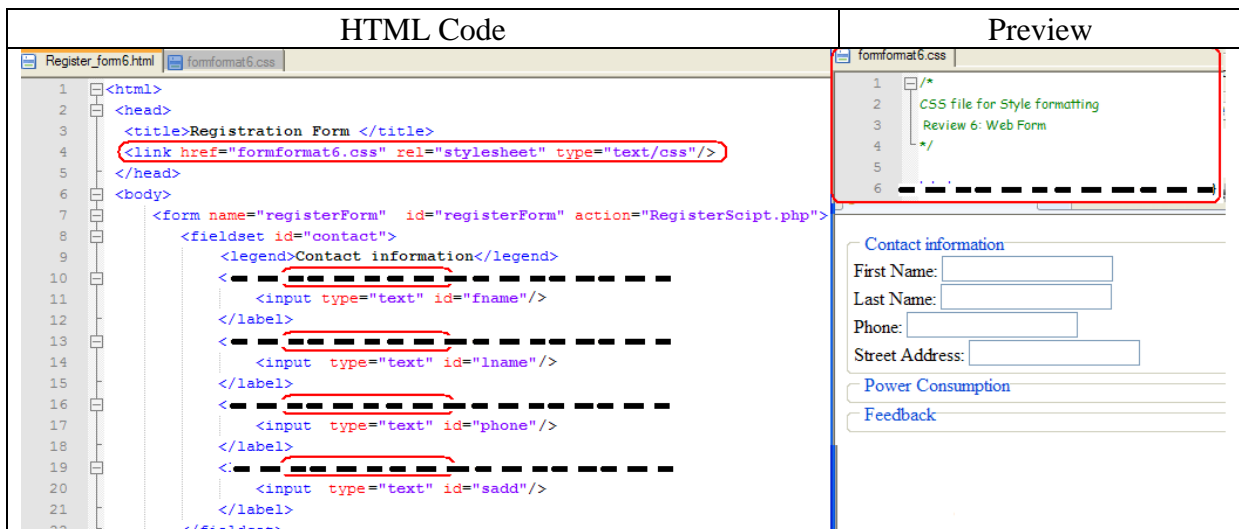
```
<label>First Name:
  <input type="text" id="fname">
</label>
```



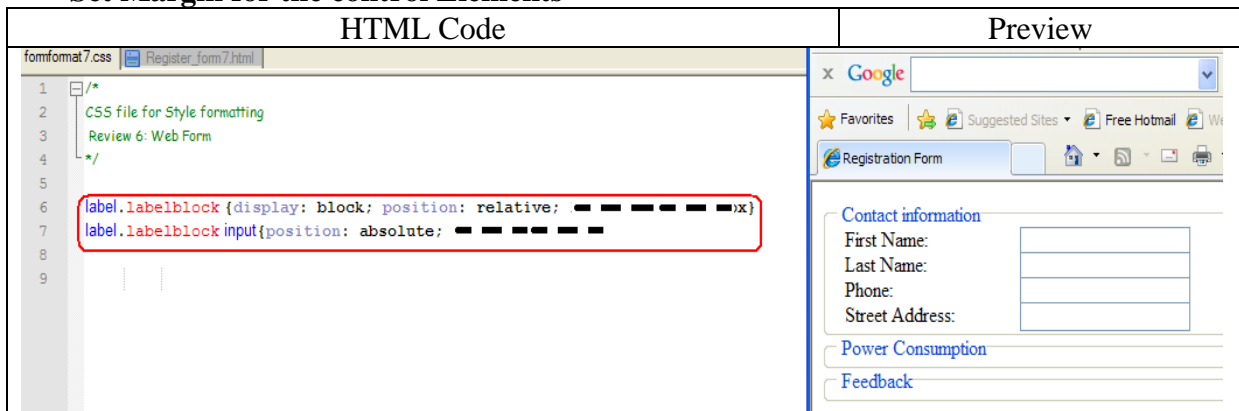


#### 4. Working with Form Styles and HTML attributes

You can align the control elements of the fields, and you can set a given margin to each of them.



- Set Margin for the control Elements



- Mark Require Fields

Complete the CSS file *formformat8.css* to get the following preview:

- **Add Extra Fields**

Complete the CSS file *formformat9.css* to get the following preview:

- **Setting the Width of an Input Box**

Use the attribute selector **width** to set the width of each control element.

- **Setting the Maximum Width of an Input Box, and the Default value for a field**

Use the attribute **maxlength** to set the maximum width of each control element.

Use the attribute **value** to set the default value for a given field.


- **Add Extra Fields and Text Area Field**

Complete the HTML file *Register\_form12.html* to get the following preview:

You can add text area field to allow user editing a text as comment or feedback using the following syntax:

```
<textarea name="comment" id="comment"></textarea>
```

HTML Code	Preview
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Registration Form

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### Contact information

First Name: \*

Last Name: \*

Phone: \*

Street Address: \*

City: \*
State: \*
ZIP: \*

---

### Power Consumption

Electricity Consumption: \*

Gaz Consumption: \*

---

### Feedback

Enter Your Comments: \*

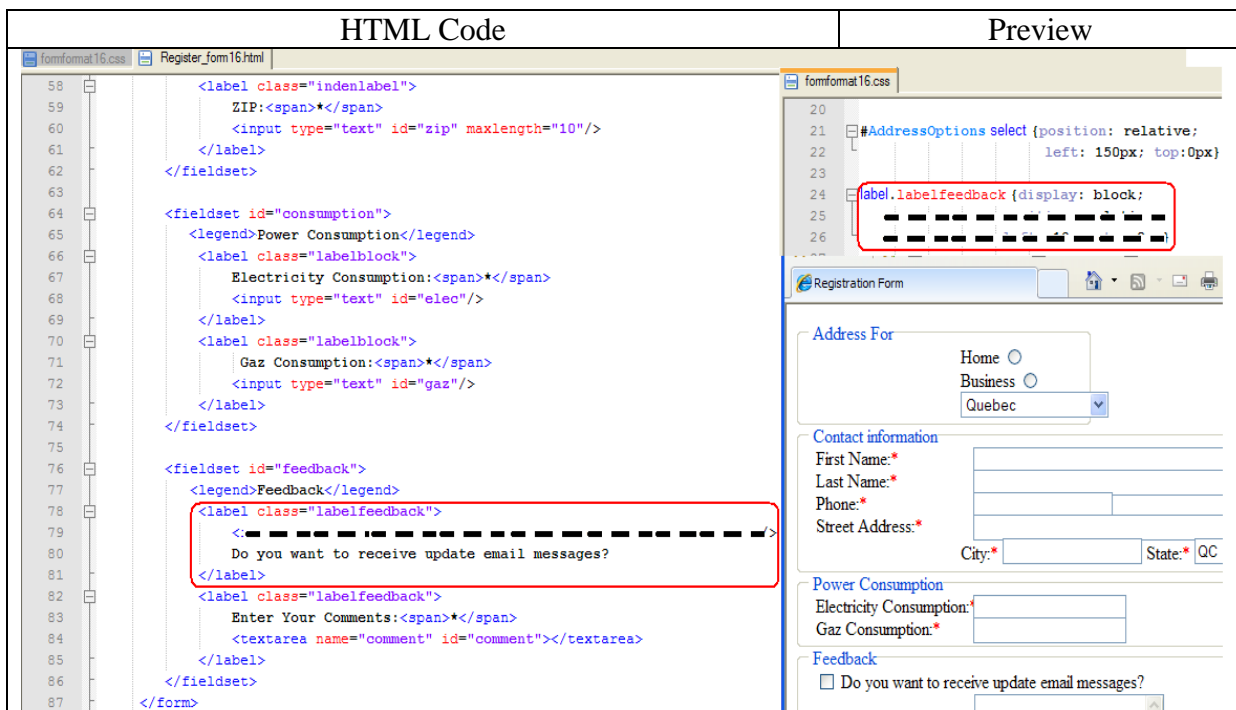
## 5. Creating Option Button , Selection List, Check Boxes

- Option Buttons, also called radio buttons allow users to select a data value from a limited set of possible values.
- A **selection list** is a list box that presents users with a group of possible field values.
- **Grouping Selection Options:** You can organize the list options in **Option Groups**
- Setting the selection List Size

You can specify the number of items to be displayed by applying the size attribute.

```
<select name="addressType" id="addressType" size="2">
```

- You use a **check box** control in situations where you are checking for the presence or absence of something, such as whether or not a user wants to receive email messages.



## 6. Working with Form Buttons

### • Creating a Command Button

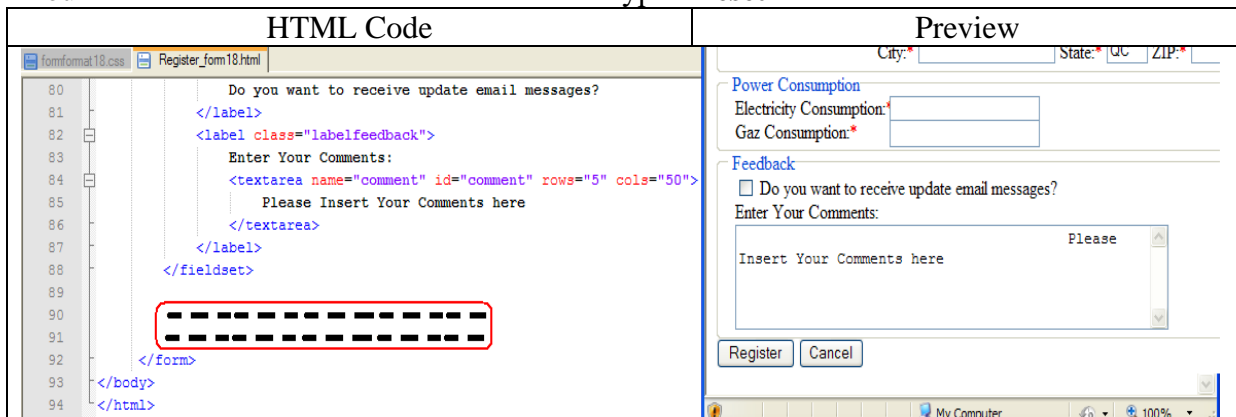
You have to create Form Buttons in order to submit the form to a Server side script for processing.

`<input type="button" value="text"/>`

### • Creating Submit and Reset Buttons

You submit form data to the server for processing if the attribute type="submit"

You reset all fields of the form if the attribute type="reset"



## 7. Review Case Problem: Create Donation Form

Rename **voltxt.htm** to **DonationForm.htm** and rename **vformstxt.css** to **Donationformat.css** in order to create the following form.





# The Lighthouse

The Lighthouse 150 Cavates Rd. St. Peters, MO 63376

[home](#)[projects](#)[upcoming events](#)[community links](#)[staff](#)[donations](#)[volunteers](#)[contact info](#)

## Donation Form

\* indicates required information

The success of The Lighthouse reflects the dedication and support of members of the community who have helped make our dream a reality. We cannot continue to operate without contributions from people like you.

You can make a tax-deductible donation online using your American Express, Discover, Master, or Visa card. Please fill out the form on this page.

The Lighthouse is always looking for volunteers. We especially need help in the following areas:

- Mechanics
- Carpenters
- Electricians
- Cooks
- Computer technicians
- Babysitters
- Data entry persons

and many others. Please consider donating your time and talents to your community and your neighbors.

Thank you so much for your generosity!

— Terry Ives  
Director, The Lighthouse

### Contact Information

Address For

Home ☐ Business ☐

First Name\*

Last Name\*

Phone\*

Street Address\*

City\* St. Peters

State\* MO

ZIP

### Donation Information

Donation Amount\*

Credit Card\*

American Express ▼

Cardholder Name\*

Card Number\*

Expiration Date\*

January (01) ▼

2011 ▼

Have you volunteered before?

Yes ☐ No ☐

I can help with the (check all that apply)

☐ Baby Sitting

☐ Cleaning

☐ Clerical Duties

☐ Event Planning

☐ Mailing

☐ Maintenance

☐ Meal Preparation

☐ Tutoring

☐ Web Site

### Feedback

☐ I'm interested in volunteering at The Lighthouse.

Comments

Submit Donation

Cancel

The Lighthouse • 150 Cavates Rd. • St. Peters, MO 63376 • (636) 555 - 4477