

## Lab 3: Mail Script with Validation

**Overview:** Based on the lessons in PHP Mail and Validation, create a well styled mail form with validation that sends an email to your client (yourself at this point). The actual Mail page should be an all-in-one style that displays the form and validates on the same page.

You will also have a Contact Page that sends a query string to the Mail page to autopopulate the Department field, and a Confirmation page displayed after the user has submitted a mail message.

1. Necessary inputs: **1 mark**
  - Name
  - Email address of user
  - Department (<select>)
  - Message (multi-line box)
2. Validation: Please demo the following: **3 marks**
  - Validation is on same page as the form.
  - All necessary inputs validated against empty submission.
  - Email address is validated for correctly formatted email.
  - Incorrect input results in unique error message depending on which input is incorrect.
  - All form elements remain populated with previous values if validation stops the form from being processed.
3. Correct submission: resulting email received by a browser based email client. **3 marks**
  - Please show an email sent from your Lab.
  - The email must have:
    - Subject
    - Message
    - Department
    - Sender Name
    - IP address of sender
4. Mail.php receives a query string variable from another page that auto-populates one of your fields. **2 marks**
5. Everything is well styled utilizing CSS or Bootstrap. **1 mark**
  - All input forms must be styled.
  - Output must be readable and well aligned.

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*index.html* contains three links, each with its own query string. Each link is to the *contact.php* file. Each link will prepopulate the Department Field depending on which was clicked.

## Contact Us

[Shipping Department](#)

[Billing Inquiries](#)

[Party Planning Committee](#)

Please use this form to send us a message

Your Name:	<input type="text"/>
Department:	<input type="text" value="Billing Inquiries"/>
Your Email:	<input type="text"/>
Message:	<input type="text"/>
<input type="button" value="Send"/>	

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*contact.php*: The mail form will validate and check for mail injections. Any errors will be displayed so the user can fix them. Upon successful submission, it will send a properly formatted email.

**Please use this form to send us a message**

**Your Name:**

**Department:**

**Your Email:**

**Message:**

Please fill in a valid email address.  
Please fill in a message.

**Please use this form to send us a message**

**Your Name:**

**Department:**

**Your Email:**

**Message:**

Please fill in a valid email address.  
There is a security problem with the formatting of this message. Please try again.

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Confirmation Page: To confirm to the user that they have sent an email and to move them from the contact page so a refresh does not re-send the message, the user is redirected to a static page with a nice message.

**Thank You for Your Email**