**Trouble Shooting Flash Pictures**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Unwanted reflections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause</td>
<td>Shiny surface such as glass parallel to camera</td>
</tr>
</tbody>
</table>
| Cure    | Shoot from side angle  
|         | Use flash off camera and to the side |

<table>
<thead>
<tr>
<th>Problem</th>
<th>Red Eye</th>
</tr>
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<tbody>
<tr>
<td>Cause</td>
<td>Light reflecting from the flash unit on the retina</td>
</tr>
</tbody>
</table>
| Cure    | Move Flash off camera  
|         | Have subject look away  
|         | Increase ambient room light  
|         | Use bounce |

<table>
<thead>
<tr>
<th>Problem</th>
<th>Unwanted shadows</th>
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| Cause   | Subject is too close to background  
|         | Flash angle is too low |
| Cure    | Use flood light to see where shadows will fall and adjust flash accordingly  
|         | Move subject away from wall  
|         | Use multiple flash for fill  
|         | Raise flash to higher angle |

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<tr>
<th>Problem</th>
<th>Only a part of the frame is exposed</th>
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<tr>
<td>Cause</td>
<td>Shooting at shutter speeds too fast with a focal plane shutter camera</td>
</tr>
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| Cure    | Set flash at flash synchronization speed or slower  
|         | Use leaf shutter |

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<tr>
<th>Problem</th>
<th>Moving subject is partly blurred</th>
</tr>
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<tr>
<td>Cause</td>
<td>Existing light (ambient) is strong enough to record an exposure on film in addition to the flash exposure</td>
</tr>
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</table>
| Cure    | Dim existing lights  
|         | Be sure you are at top flash synch speed  
|         | Shoot when there is less movement in subject  
|         | Use for creative effect |

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<tr>
<th>Problem</th>
<th>Off color in color pictures</th>
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<tbody>
<tr>
<td>Cause</td>
<td>Fluorescent lights are bright enough to cause color to be recorded.</td>
</tr>
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</table>
| Cure    | Dim or turn off lights  
|         | Use camera with faster synch speed |

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<tr>
<th>Problem</th>
<th>When using flash as fill outdoors, subject looks like cardboard cutout or shadows are weak and gray</th>
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<tbody>
<tr>
<td>Cause</td>
<td>Flash/ambient light balance is off (flash is too powerful.)</td>
</tr>
<tr>
<td>Cure</td>
<td>Reduce the intensity of fill flash</td>
</tr>
</tbody>
</table>