

Auto-Adjust

Grade Level: Introductory Digital Photography Course, University Level

Time Frame: 1 hour

Overview	The purpose of this lesson is to have students evaluate the quality and usefulness of the “auto-adjust” tools on various photo editing websites to demonstrate the effectiveness each site’s algorithm presents. This is a lesson that will teach students about contrast and color levels in digital photography.
Objectives	<p>Following this lesson, students will have:</p> <ul style="list-style-type: none"> ▪ Determined what changes, and to what degree, the “auto-adjust” tools make to photos on at least 3 different photo editing websites ▪ Compared the “auto-adjust” tools of the websites and determined which one is best and why ▪ Reviewed definitions of contrast and color levels and worked with them on various sites to judge effectiveness
Materials	<ul style="list-style-type: none"> ▪ Computers (one for each student) with Internet connection
Procedure	<ol style="list-style-type: none"> 1. Take students to a computer lab. 2. Review the definitions of contrast and color levels when talking about digital photography and invite any discussion, interpretations, or opinions on the subject. 3. Discuss the difference between manually adjusting these levels on photos versus using an “auto-adjust” option. 4. Assign the class the work of comparing the “auto-adjust” features on at least 3 different photo editing websites, 2 of them being Picjuice and Picnik. 5. Make sure the class uses pictures as examples in which adjusting the contrast and color levels will create quite a bit of difference in the overall image. 6. Assign a 1 page report on their findings, including their personal definitions and interpretations of contrast and color levels due by the end of class.
Evaluation	In-Class Assignment