ABS 443/643 Interior Lighting Design
Instructor: Michael Kroelinger

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Indiividual Case Study
BUILDING FACTS

Project: 2nd Floor Interiors and Architecture Studio (Room 246-251)

Address: Paul B. Sogg Building
4505 Maryland Parkway
Las Vegas, NV 89109

• Built by Swisher & Hall Inc. IN 1997
• Remodeled by Dekker, Perich, Holmes, Sabatini in 2002
• Completion of additional studio in 2004 by Dekker, Perich, Holmes, Sabatini
For the most part since the conception of the Paul b. Sogg’s building in 1997, the second floor studio that encompasses from room 246 to 251 has not changed much since the building was built. With the only exception that the dividing walls for creating individual classrooms were never added.
OVERALL THE FEEL OF THE STUDIO IS A COLORLESS VOID OF SPACE. IT BORDERS ON BEING INSTITUTIONAL WHILE APPEALING THE AESTHICS OF DISPLAYING IT’S MECHANICS. THE CEILINGS ARE EXPOSED AND SHOW ALL DUCT WORK AND ELECTRICAL. WITH WHITE WALLS ON ONE WALL AND EXPOSED BRICK ON THE OTHER SIDE, ONE CAN ONLY ASSUME THAT THE DESIGN SCHEME WAS DONE AS A AFTERTHOUGH RATHER THAN HOW THE SPACE WOULD WORK. OVERALL, THE SPACE LEAVES YOU FEELING LIKE IT IS CRAMPED AND GLARING WITH LIGHTS THAT ARE HALF THE TIME WORKING OR NOT AT ALL. IT ATTEMPS AT USING A DAYLIGHTING STRATEGY WITH THE LONG VERTICAL WINDOWS. HOWEVER, IT FAILS BECAUSE THEY ARE TO NARROW.
INTERIOR STUDIO
ARCHITECTURE STUDIO
EXISTING LIGHTING PLAN
PROBLEMS WITH THE CURRENT LIGHTING
EXAMPLES OF THE LIGHTING FIXTURES THAT ARE EXISTING
DAYLIGHTING & REFLECTIVE MATERIALS

REFLECTIVE WHITE SURFACE & NARROW WINDOWS
PROPOSED LIGHTING STRATEGY

My proposed plan is to drop the ceiling height from the 22 foot ceiling height and add acoustical ceiling tiles to increase sound absorption and change the lighting fixtures to a uplight and down light system to create a overall luminance level. Updating the spot lights to a more adjustable low voltage spotlight track system, resolved the issue with the current spotlights not being able to direct light sufficiently.
PROPOSED RCP
PROPOSED LIGHTING

ADJUSTABLE SPOTLIGHTS AND UP AND DOWN LIGHT
FLUORESCENTS

www.lightolier.com
REFERENCES


< http://maps.unlv.edu/arc.html >.
THE END