# BIOENGINEERING BUILDING



Victoria Riedinger Lighting & Electrical

#### Introduction

Design Concept Lighting Depth

**Exterior Plaza** 

Lobby

Flex Classroom

Flex Lab

**Interior Louver Design** 

**MAE Daylighting Study** 

**Honors Research** 

Structural Breadth

**Mechanical Breadth** 

**Electrical Depth** 

Conclusion

**Questions?** 

#### INTRODUCTION





what is Bioengineering?

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Lobby Flex Classroom Flex Lab

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**Electrical Depth** 

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#### **FLEX LAB**



## **Design Goals**

Create comfortable research environment

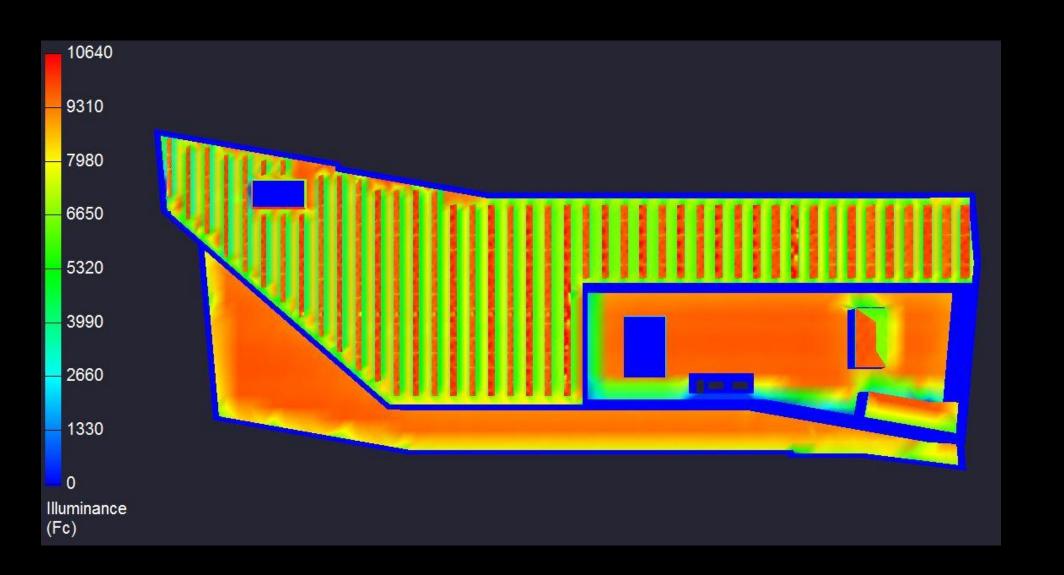
Provide individual task lighting

**Control daylight to reduce glare** 

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**Questions?** 

## **ELECTRICAL**



#### **PV Panel results**