

EAB First Floor Hallway

CLASSROOMS

WINDOWS

CE Group #101
Simple Cycles - John Taylor Jr.

CE Group #102
Introducing Sustainable Energy to New Building Design
Jacob Leimbach

CE Group #103
ECO Revamp - Kayla Peters

CE Group #104
Green Infrastructure - Jacob Fenby

CE Group #105
Green Refit - Brian Strosnider

CE Group #106
D Town Drinking Water Treatment Plant Design
Andrew Miller

CE Group #108 - Multi-story Two Bedroom Apartment
for Low-income Families
Theresa Colombo

CE Group #109 - Multi-story One Bedroom
Apartments for Senior Living
Jonathan Czerpak

SDCET Group #110 - Design-Build Restaurant -
S.E.M. Enterprises and ABBC Structural
Scott Barshinger

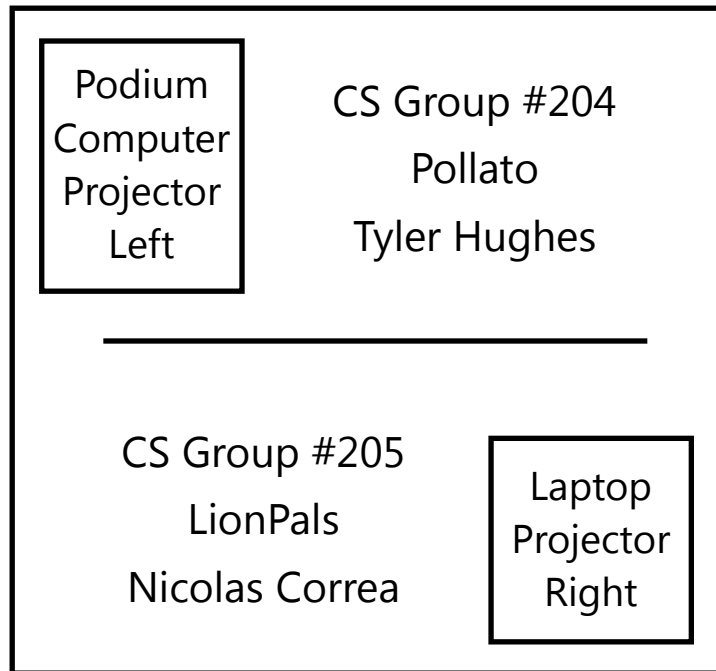
SDCET Group #111 - Design-Build Restaurant -
SGK Contractors and TGM Inc.
James Daniels

ME Group #504
TE Connectivity - Crimping Head Setup Tool
Joshua Bachert

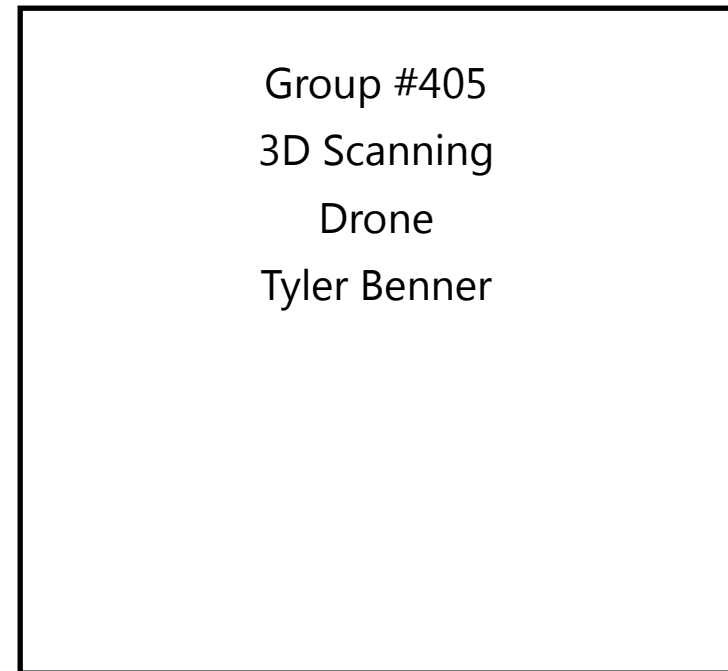
ME Group #508
Pre-Preg Carbon Fiber Welder
Timothy Martin Jr.

ME Group #510
Rocket Fuel Delivery System
Carlos Rivera

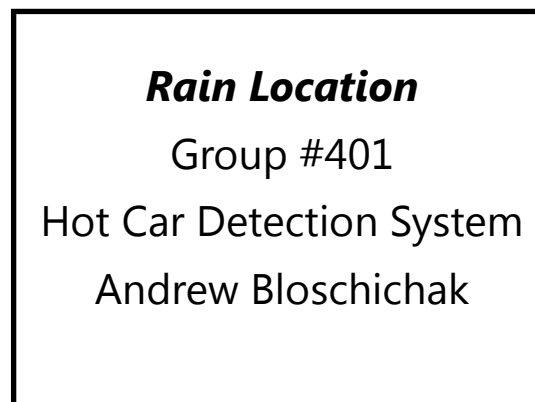
EAB 110



EAB 111



EAB 116



EAB 117

WINDOWS

ME Group #501 Automated Epoxy Application John Dimeo	ME Group #507 Exoskeleton Hand for Rehabilitation Elham Gholamiazizi
ME Group #503 Vertical Column Climbing Device (MVCCD) Christopher Mazziotta	Open
ME Group #505 High-Resolution of Visual Inspection of Connectors in Extreme Environments Steven Brown	ME Group #514 Personalized 3D Printed Implant for Pediatric Oncology Bone Loss Joshua Adams

No Display	ME Group #515 Improving the visibility of car side mirror Andrew Morgan
No Display	ME Group #516 Low Head Mini turbine systems James Turns
No Display	ME Group #518 Elastomeric Material Characterization Matthew Bobetsky

DOOR

EAB 118

WINDOWS

ME Group #520 Quick Change- Over Fixtures for Mecmesin Multitest 2.5i Trey Ahearn	No Display
ME Group #521 Semi- Autonomous Tire Changing Robot Alejandro Davila Ibarra	No Display
ME Group #526 MAE-Eitel RP-16 Retrofit Christopher Calzolari	No Display

<i>Rain Location</i> ME Group #519 Extendable Tailgate Ramp Kylie Courtney	<i>Rain Location</i> ME Group #522 Truck Bed Loading System Nicholas Berger
Group #402 TE's MultiSensor Module: Performance Under Design Variations Yousif Almeer	No Display
ME Group #513 Magnetic Navigation of Therapeutics in Vascular Structures Scott Anderson	No Display

DOOR

EAB 119

WINDOWS

Podium, Computer & Projector	No Display	EE Group #301 HomePlus – Home Battery System Brian Ackler
	No Display	EE Group #302 Training Feedback Shirt (TFS) Alex Doyle
	Group #107 Mitigating Flooding in Middletown Borough Huzeifa Amiji	Group #506 Increasing Real-time Storage in Detention Ponds using a Water- level Controlled Sluice Gate Thomas Dickerson

No Display	EE Group #303 MiniBUS (Minimal Bus) Matthew Gydosh
No Display	EE Group #304 Microwave Heater with IR Temperature Sensors Quincy Nissley
No Display	Group #306 Smart Park System Michelle Figueroa

DOOR

EAB 2nd Floor Lobby

CS Group #201
CleanSweep
Grant Abbondanza

CS Group #202
KittyPath Assistant
Abderrazzak Asmaayni

CS Group
#203
Moodi
Arthur Byra

CS Group
#206
Distribution-
Resource
Optimizer
Salman
Al-Habieli

Stairs

EAB 205

EE Group #307
ABT Effects
Patrick McKeone

EAB 206

EE Group #309
Drowsiness
Detection
System
Raghu Acharya

EAB 209

CS Group #209
Washington State
Department of
Transportation Safety
Visualization System
Alexander Bouril

Laptop & Projector

EAB 210

CS Group #207
LionAR
Jacob Arnold

Podium, Computer & Projector

EAB 213

CS Group #208
Healthier
Days
App
Valerie Clark

Laptop & Projector

EAB 211

WINDOWS

Group #404
Adjustable
Exoskeletal Arm
Cody Lutz

ME Group #502
Automated Fiber
Optic Connection
Mitchell
Cadwallader

Group #403
Siemens Controls,
Automation, and
Robotics Lab –
Sample
Workstation
Khalid Alhusayni

EE Group #308
Automated
Aquaponics
System
Sami Abdelmalak

DOOR

EE Group #305
Solar Panel Voltage Converter
Dylan Kroah

EAB 212

WINDOWS

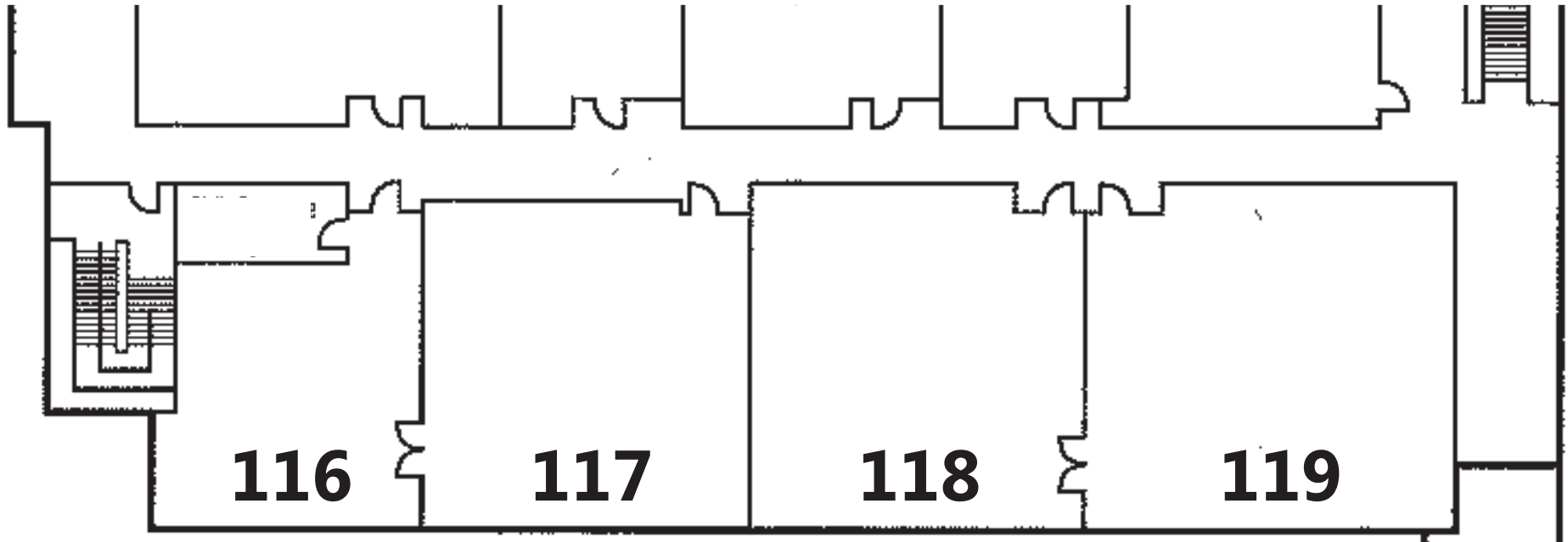
EE Group #310
Amateur 40-Meter Technician
Class Continuous Wave (CW) Transmitter
Jason Hoffman

EE Group #311
Wi-Fi Dual Band Antenna
Artem Morozov

EE Group #312
Micro-Hydro
Adam Still

DOOR

EAB Outside



ME Group #519
Extendable Tailgate Ramp
Kylie Courtney

ME Group #522
Truck Bed Loading System
Nicholas Berger

Group #401
Hot Car
Detection
System
Andrew
Bloschichak

ASCE
Steel
Bridge

Entrance

Engineering Lab Inside

The floor plan is divided into several sections. On the left, there is a row of small rooms numbered 114 through 119. Above these is a large room labeled '110 LABORATORY'. To the right of the laboratory is a room labeled '109 ENGINEERING LAB'. Further right is a room labeled '107 ROBOTICS LAB'. At the bottom center is a 'VESTIBULE'. To the right of the vestibule are restrooms labeled 'WOMEN' and 'MEN', and a room labeled '101'. Above the restrooms is a room labeled '106'. To the right of room 106 is a room labeled '106A SHOP'. Further right is a room labeled '105 SHOP'. To the right of the 105 SHOP is a room labeled '131'. Below room 131 is a room labeled '130'. At the top right, there is a room labeled '133 LAB'. Various ME Groups are assigned to different areas, including ME Group #517, #527, #528, and #523.

ME Group #517
Propane Recovery and Recycling System
Marc Bean

ME Group #527
Seakeeper Assembly Process Improvement
Blake Cottam

ME Group #528
XS650 Custom Bobber Motorcycle
Albert Gremmel III

ME Group #523
Motorcycle Maintenance Platform
Jasper Edwards

109 ENGINEERING LAB

106A SHOP

106

105 SHOP

107 ROBOTICS LAB

WOMEN

MEN

101

110 LABORATORY

114 115 116 117 118 119

131

130

133 LAB

VESTIBULE

ME Group #511
Automated Grit Blast Machine
Fady Ibrahim 111

ME Group #525
Jet drive boat
Norman Hahn