

Name: _____
First or Given Name Last or Family Name

Undergraduate Institution _____

Environmental Systems (ARCH 5210)

	Course Number	Course Name	Grade
<u>Fundamental knowledge and principles of building physics including:</u>			
Heat Transfer	_____	_____	_____
Movement of air, liquid water & vapor	_____	_____	_____
Thermal Comfort	_____	_____	_____
Indoor Air Quality	_____	_____	_____
Acoustics and noise control	_____	_____	_____
Visual comfort and circadian health	_____	_____	_____
<u>Ability to select and design environmental systems and using tools to assess performance of these topic areas:</u>			
Climate analysis and climate-responsive design	_____	_____	_____
Solar geometry and Shading	_____	_____	_____
Passive Heating	_____	_____	_____
Passive Cooling	_____	_____	_____
Natural Ventilation	_____	_____	_____
Daylighting	_____	_____	_____
<u>Understanding theory and applications of the following service systems</u>			
Heating, Ventilation, and Air Conditioning	_____	_____	_____
Electric Lighting	_____	_____	_____
Plumbing	_____	_____	_____
Electrical and Communications	_____	_____	_____