

Books: None Required, Graphics Tablet (Wacom)

Meeting Schedule:

Date	Lecture	In-Class Exercise	Homework Due
1/16	Snow Day		
1/18	Course Goals Physics & Color Systems	Ex #1: Munsell Value Scale & monochromatic color value scale Assign: HW #1 Dalek Color Schemes	
1/23	Hue, Value & Intensity Color Studies Exercises	Ex #2: Hue Value Relationships, Value for Depth, Color Test Challenge Assign: HW #2 Proportional Nature Color Scheme	HW #1: Dalek Color Schemes
1/25	Color Theory in Action: Film & Games	Ex #5: Identifying Color Schemes Assign: Proportional Nature Color Scheme Revisited	HW #2: Proportional Nature Color Scheme
1/30	Color Temperature	Assign: HW #4 3D Lighting & Color Temperature	HW #3: Proportional Nature Color Scheme Revisited
2/1	Photoshop Potpourri #1	Ex #6: Photoshop Potpourri (Dramatic Wrinkles, Image Straightening, Perspective Adjustment, Lens Correction, Blend Layers) Assign: HW #5 Layered Wallpaper Illustration	HW #4: 3D Lighting & Color Temperature
2/6	Photoshop Continued.	Ex #6: Advanced Photoshop Blend Layers (Blend Logo (Image as Mask), Blend Logo/Layers (Advanced Blend Mode), Layers of Wallpaper	HW #5: Layered Wallpaper Illustration
2/8	Effective Topology & UV Review	Ex #7: Topology Cleanup Assign: HW #6: UV Mapping	
2/13	Texture Atlas	Ex #9: Texture Atlasing (Environment) Assign: HW #6 Scene Textured v1 (Environment)	HW #6: UV Mapping (1x1)
2/15	Textured Alleyway (Photoshop)	Assign: HW #7 Scene Texture	
2/20	Substance Painter/Quixel Intro	Alleyway Pass #2 Critiques	HW #7 Texture Photoshop
2/22	Substance map extraction	Ex #10: Substance Map extraction	HW# Texture using Substance painter/Quixel
2/27	3D Texturing critiques		HW# Set textured using Substance Painter (normal, height, color, ambient occlusion maps)
3/1	Character UV / UV Layout	Good Textures Start with Good UVs – Character UV Ex #13: Character UV Layout	HW: Environment Updated based on crit
3/6	Substance/Mudbox Projection Techniques	Ex: Substance/Mudbox Projection	
3/8	Lighting V-Ray	Ex: Exterior Output	HW #15: Joker facial Projection
3/13	Spring Break		
3/15	Spring Break		
3/20	Lighting V-Ray	Ex: Interior Output	HW: Exterior Render (V-Ray)
3/22	Lighting Game Engine (Unity)	Ex: Unity Exterior & Baking	HW: Interior Render (V-Ray)
3/27	Lighting Game Engine (Unity)	EX: Unity Interior & Baking	HW: Exterior Baked Level (Unity)
3/29	Lighting Game Engine (UE4)	Ex: Unreal Exterior & Baking	HW: Interior Baked Level (Unity)

4/3	Lighting Game Engine (UE4)	Ex: Unreal Interior & Baking	HW: Exterior Baked Level (UE4)
4/5	Substance Designer	Ex: Metal Substance	HW: Interior Baked Level (UE4)
4/10	Substance Designer	Ex: Material Blending – Output to engine	
4/12	Substance Designer	Ex: Procedural Brick	
4/17	Substance Designer	Ex: Procedural Brick Cont'd – Ouput to Engine	
4/19	Substance Designer	Ex: Procedural Wood	HW: Brick Metal Scene Lit (Unreal and Unity)
4/24	Substance Designer	Ex: Procedural Concrete	
4/26	Texture/Normals Baking	Ex: Maya Normals Baking Review Ex: Substance Normals Baking Ex: Mudbox Normals Baking	HW: Wood floor, cement porch, metal and brick
5/1	Final Project	Workday	
5/3		Workday	
5/8	FINAL PROJECT DUE		Final Project Due

Grading Activities: Your final grade will be based upon attendance, and the amount of your earned points. Points are earned through in-class exercises (30 points) and Projects (70 points). Your grade will be based upon the percentage of 100 points you have earned. 100-90=A, 89-80=B, 79-70=C, 69 and below =F.

Attendance: Attendance is mandatory. After one absence, each additional absence will result in a letter drop in your final grade.

Academic Honesty Statement: In accordance with the UIW Student Handbook, academic dishonesty includes but is not limited to: Cheating on test, exams, or lab work. Plagiarism of another's work including models or textures. Using other's work as your own by counterfeiting it. Unauthorized reuse of work (the turning in of the same work to more than one class without consent of instructors involved). Theft or circulation of tests, quizzes, or answer sheets. Involvement of collusion (unauthorized collaboration with another) to violate a provision of the Code of Academic Integrity. In order to maintain a high level of work and integrity in our classes, all sanctions will be pursued and enforced in the case of academic dishonesty.

Disability Accommodations:

The University of the Incarnate Word is committed to providing a supportive, challenging, diverse and integrated environment for all students. In accordance with Section 504 of the Rehabilitation Act – Subpart E, Title III of the Americans with Disabilities Act (ADA), and Title III of the ADA Amendments Act of 2008 (ADAAA), the University ensures accessibility to its programs, services and activities for qualified students with documented disabilities. To qualify for services, the student must provide Student Disability Services with the appropriate documentation of his or her disability at the time services and/or accommodations are requested.

Pregnancy Accommodations:

Under the Department of Education's (DOE) regulations implementing Title IX of the Education Amendments of 1972, the University does not discriminate against any student on the basis of pregnancy or pregnancy related conditions. To request reasonable accommodations for disability, temporary disability (e.g., injury, surgery) or pregnancy, please contact:

Student Disability Services
4301 Broadway CPO 295

Administration Building – Suite 51
San Antonio, TX 78209
(210) 829-3997
(210) 283-6329
www.uiw.edu/sds

Title IX Information

Unlawful discrimination has no place at the University of the Incarnate Word. It violates the University's core values, including its commitment to equal opportunity and inclusion, and will not be tolerated. The University of the Incarnate Word prohibits sexual misconduct, that can include: (1) sex and gender based discrimination; (2) sexual and sex and gender based harassment (including a hostile environment based on sex or gender); (3) sexual assault; (4) sexual exploitation; (5) stalking; and (6) relationship violence (including dating and domestic violence). For more information, or to report an incident, please visit www.uiw.edu/titleix.

Academic Integrity Statement:

The highest standards of academic honesty are expected in the course. Forms of academic dishonesty include, but are not limited to cheating, plagiarism, counterfeit work, falsification of academic record, unauthorized reuse of work, theft, and collusion. See the student handbook for definitions and procedures for investigation of claims of academic dishonesty.

<http://www.uiw.edu/ugcat0305/05.html#academicintegritypolicy>

Class Absences for Religion Observances:

The University of the Incarnate Word welcomes persons of diverse backgrounds and is therefore committed to providing reasonable accommodations for students wanting to attend religious observances and who will miss class. Students must inform instructors at least two weeks prior to attending a religious observance. Students use the form found in the UIW Student Handbook & Student Code of Conduct to request accommodations from the instructor.