
Calumet College



of Saint Joseph

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Calumet College of St. Joseph is a Catholic institution of higher learning dedicated to the academic, spiritual and ethical development of undergraduate and graduate students. Informed by the values of its founding religious community, the Missionaries of the Precious Blood (C.P.P.S.), the College promotes the inherent dignity of all people, social justice, an ethic of service, student empowerment, opportunity, and lifelong learning.

COURSE SYLLABUS, Fall 2019

Course: ARTS 355 | Multimedia Computer Graphics

Instructor Information:

Instructor Name	Tyler Bush (Ty)
Office Number:	176
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Email:	tbush@ccsj.edu
Office Hours:	From 9:00am until 3:00pm Tues and Thursdays

Instructor Background: BA, MA, MFA candidate.

Tyler Lennox Bush has been a professional interdisciplinary designer, educator and strategic communications professional for over 20 years. He holds a BA in Art, & Speech from Wabash College, an MA in Communications from Purdue University, and is currently completing an MFA in Screenwriting at The DePaul University School of Cinematic Arts. In addition, Ty has studied acting with The Atlantic Theater Company, Stella Adler Studios NYC, Second City, & The Audition Studio. Most recently Ty has been an instructor at DePaul University, Purdue University, and Ivy Tech Community College.

Teaching Philosophy:

It is my intent to nurture an involved community with critical thinking and creative inquiry.

My classroom is a sacred space which encourages collaboration and growth through meaningful exchanges, practice, experimentation, and respect for one another. As a servant leader I coach, never manage. I welcome a diversity of ideas and viewpoints, and goad conversation toward a common intellectual ground. I encourage mistakes and push students beyond their own perceived limitations. I believe education needs to be disruptive yet empowering, supportive, and life affirming. I value making and qualitative experiences where the work of the hand is supported by that of the mind. In its most noble expression, education is a humane space where the acreage of our

Course Information:	
Course Time:	Tuesdays 7:00pm – 10:00pm
Classroom:	419
Prerequisites:	None
Required Books and Materials:	Adobe After Effects CC Classroom in a Book USB Drive

Learning Outcomes/ Competencies: Graphic Design | Art 120
3 hours

Upon successful completion of this course students will be able to:

- Utilize valuable graphic design tool sets provided in industry-standard software to develop and edit bitmap and vector graphics
- Apply 2-D design principles, including color theory, typography, and layout when creating and editing digital graphics
- Effectively communicate an idea or concept using vector graphics
- Edit digital photographs to document an event, communicate an idea, or make a statement
- Combine vector and bitmap graphics to produce a collage
- Share and distribute digital graphics online utilizing proper formats and software tools
- Present digital graphics for print production utilizing desktop publishing software
- Create digital graphics to compliment web page design, or as a web page design
- Critique digital graphic designs utilizing established 2-D design principles, and providing constructive suggestions

The course also meets the following General Education Program objectives:

- Students will be able to orally deliver a presentation with a clear central idea that is logically developed, supported by convincing evidence and valid reasoning, and expressed using language and delivery choices thoughtfully adapted to the audience.
- Students will appreciate, create, and critique the persuasive power of art and media.
- Students develop ability to objectively and subjectively evaluate work in an art discipline.

Course Description:

Introduction to Digital Graphic Design is intended for beginning students interested in learning how to create and edit well designed graphics for professional use. Topics include fundamental 2D layout principles, developing vector and pixel-based images for print and web, color theory, typography, graphic file formats and resolution

Learning Strategies:

Brainstorming, guided demonstrations, videos, films, image presentations, hands-on experimentation, focused exploration, free exploration, modeling, guest speakers, lectures, group discussions, field trips, collaborative play, creative inquiry, case studies, design thinking methodology

Experiential Learning Opportunities:

•Chicago Field Trip Fall 2020, TBD

Assessments:

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Major Assignments:	Assignments: 50% • Mid-term: 10% • Final: 20% • Attendance: 20%	
Class Participation:	We are involved in a mutually beneficial communal learning experience, one that requires full attention and respectful behavior toward all members of the class. Participation is a must.	20%
Total		
Grading Scale:		
100% – 92%: A	91% – 90%: A-	
89% – 88%: B+	87% – 82%: B	81% – 80%: B-
79% – 78%: C+	77% – 72%: C	71% – 70%: C-
69% – 68%: D+	67% – 62%: D	61% – 60%: D-
59% and below:	F	

Course Schedule

Note: Schedule and syllabus are subject to change. Items may be added, deleted, or modified throughout the semester. If this happens, I will let you know via your campus e-mail and/or Blackboard announcements. Make sure you regularly check your campus e-mail and Blackboard announcements. By “regularly”, I mean at least once a day.

Week-by-week The class takes place in two parts. In general, there will be a lecture on visual effects, and you will receive assignments which call upon a specific technique or feature of the

Adobe After Effects software. We will learn the core concepts in After Effects, and do practical exercises, culminating in produced animations.

Week 1 - Introduction

Introduction to the class. What are Visual Effects?

Week 2 – Photographic Principles

Photographic principles. Forced perspective: theory.

Assignment #1.

Intro to After Effects Introduction to the Interface. Basic Animation. Basic Rendering.

Week 3 – Basic Tools

Rear Projection, Stop Motion Animation, Matte Paintings.

Assignment #1 is due.

Advanced Animation Anchor point, Keyframes, Motion Sketch

Assignment #2.

Week 4 – Special vs Visual Effects Stunts,

explosions, water, fire – safety.

Assignment #2 is due.

Transparency Masks and the Pen tool.

Assignment #3.

Week 5 – Planning a Visual Effect Storyboards,

pre-viz, planning workflows.

Assignment #3 is due.

MID-TERMS In-class animation exercise.

Week 6– Modern tools

Models, Miniatures, Green Screen, Motion Control.

Assignment #4.

Week 7 - Time & Layer control More on transparency.

Editing in After Effects. Layer control.

Week 8 - The VFX Pipeline Planning & Management.

Job specialization.

Assignment #4 is due.

Assignment #5

Week 9 - Painting & Puppet

Introducing two more tools.

Week 10 - Motion Capture

Intro to CGI Old ideas – new technology.

Peter Jackson's Lord of the Rings. Assignment #5 is due

Week 11 - Parenting & Nesting

Creating more complex animations through layer control.

Week 12 - Computer-generated Images

Performance capture. Advanced visual effect techniques: Avatar.

Week 13 - Track & Key Demo

Introducing the tools in After Effects for advanced compositing.

Week 14 - Class summary Recapitulation,

questions, The future of VFX

Week 15 FINAL PROJECT CRITIQUE

Responsibilities	
Attending Class	You cannot succeed in this class if you do not attend. We believe that intellectual growth and success in higher education occur through interaction in the classroom and laboratories. Being absent doesn't excuse you from doing class work; you have more responsibilities to keep up and meet the objectives of this course.
Turning In Your Work	You cannot succeed in this class if you do not turn in all your work when due. But never be afraid to talk to the teacher about problems you may be encountering. Late work is penalized 1 letter grade
CCSJ Student Honor Code	This course asks students to reaffirm the CCSJ Student Honor Code: I, as a student member of the Calumet College academic community, in accordance with the college's mission and in a spirit of mutual respect, pledge to: <ul style="list-style-type: none">• Continuously embrace honesty and curiosity in the pursuit of my educational goals;• Avoid all behaviors that could impede or distract from the academic progress of myself or other members of my community;• Do my own work with integrity at all times, in accordance with syllabi, and without giving or receiving inappropriate aid;• Do my utmost to act with commitment, inside and outside of class, to the goals and mission of Calumet College of St. Joseph.
Using Electronic Devices	Electronic devices can only be used in class for course-related purposes. If you text or access the Internet for other purposes, you may be asked to leave, in which case you will be marked absent.
Participating in Class	You must be on time, stay for the whole class and speak up in a way that shows you have done the assigned reading. If you are not prepared for class, you may be asked to leave, in which case you will be marked absent.
Doing Your Own Work	If you turn in work that is not your own, you will be subject to judicial review by the Faculty-Student Grievance Committee. These procedures can be found in the Student Planner. The maximum

	<p>penalty for any form of academic dishonesty is dismissal from the College.</p> <p>Using standard citation guidelines to document sources avoids plagiarism. You'll find guides to the major citation methods at the CCSJ Specker Library Web page at: http://www.ccsj.edu/library/subjectsplus/subjects/guide.php?subject=cite</p> <p>PLEASE NOTE: All papers may be electronically checked for plagiarism.</p>
Sharing Your Class Experience	At the end of the term, you will have the opportunity to evaluate your classroom experience. These confidential surveys are essential to our ongoing efforts to ensure that you have a great experience that leaves you well prepared for your future. Take the time to complete your course evaluations – we value your feedback!
Withdrawing from Class	After the last day established for class changes has passed (see the College calendar in the CCSJ Course Catalog), you may withdraw from a course by following the policy outlined in the Course Catalog.

Resources	
CCSJ Book Rental Program	The CCSJ Book Program ensures that everyone has the right course materials on the first day of class to be successful. You pay a book rental fee each semester, and in return, receive all the materials for all your classes prior to the beginning of classes. At the end of the semester, simply return the books. For traditional students, the Book Rental Program is conveniently located in the library, where students can pick up and return their books. For students in accelerated programs and graduate programs, books will be delivered to their homes and they can return them by mail. For more information, see http://www.ccsj.edu/bookstore . All books must be returned at the end of the semester or you will incur additional fees, which will be charged to your student account.
Student Success Center:	The Student Success Center provides faculty tutors at all levels to help you master specific subjects and develop effective learning skills. It is open to all students at no charge. You can contact the Student Success Center at 219 473-4287 or stop by the Library.
Disability Services:	Disability Services strives to meet the needs of all students by providing academic services in accordance with Americans with Disabilities Act (ADA) guidelines. If you believe that you need a

	“reasonable accommodation” because of a disability, contact the Disability Services Coordinator at 219-473-4349.
Student Assistance Program	Through a partnership with Crown Counseling , Calumet College of St. Joseph provides a free Student Assistance Program (SAP) to current students. The SAP is a confidential counseling service provided to students for personal and school concerns which may be interfering with academic performance and/or quality of life. The SAP counselor is available on campus once a week and off-site at the Crown Counseling offices in Crown Point or Hammond. For more information, contact Kerry Knowles SAP Counselor , at 219-663-6353 (office), 219-413-3702 (cell), or kerryk@crowncounseling.org .
CCSJ Alerts:	Calumet College of St. Joseph’s emergency communications system will tell you about emergencies, weather-related closings, or other incidents via text, email, or voice messages. Please sign up for this important service annually on the College’s website at: http://www.ccsj.edu/alerts/index.html .