Instructor: Professor Susan Tennant
317-278-7675
535 W. Michigan St., IT 459
Indianapolis, IN 46202-310
stennant@iupui.edu
OFFICE HOURS: Tuesday 3-4PM and Wed 3-4PM or by appointment

Course Description:
This course explores the role of stop action animation from the past to the present. Students will learn about the history and best practice of stop motion animation, and technical aspects using different media including drawing, object and clay animation. The course introduces students to set and scene design and character design including the use of armature and riggings.

Course Outcomes:
• Students will gain a deeper understanding of the history and craft of stop action animation.
• Students will learn through concept and practice how to construct a” sampler” (not feature length) stop action animation. (In a semester it is unrealistic to build a feature so be prepared to develop short stories).
• Students will learn the process of stop action animation, creating flipbooks, animatic, building scenes and characters.
• Students will understand the importance of writing a stop action short, trailer/narrative and what is expected of them if they were to enter Industry.
• Students will learn how to shoot, edit and produce a stop motion animation.

Core Competencies:
This course emphasizes deconstruction and analysis of stop motion as a tool to convey information. There is strong emphasis on student participation in discussions and exchange of ideas in the development of stop motion animation.

Software Required:
Microsoft word for script (documents need to be PDF (if you need help to format this please see instructor). Adobe Photoshop and Premier Pro (You will not need to purchase any software. Required supplies:
• Editing software for audio and video (Adobe Bridge, Photoshop, Premier Pro, Final Cut, Flash, etc)
• Access to a computer for editing
• Sketch pad and pencil, ruler, scissors, paper fasteners, stapler, Box cutter
• Modeling clay, (Permaplast, Crayola)
• http://www.michaels.com/Crayola®-Modeling-Clay/kd2981,default,pd.html
• http://www.michaels.com/Firefly%E2%84%A2-EZ-Shape%C2%AE-Modeling-Clay/gc1626.default.pd.html
• http://www.amaco.com/shop/category-69-modeling-clays.html
• http://www.in2art.com/art-supplies/vanaken-plastalina-modelingclay
• Plastic knives and forks; Plastic tub and Pencil fur making a Zoetrope
• Access to Digital still Camera and tripod
• Notepaper or laptop for taking notes in class. (I do not post notes this is your responsibility).

Required Textbook:
http://www.amazon.com/gp/offer-listing/1558702369/ref=dp_olp_0?ie=UTF8&condition=all

Not Required but consider owning:
Creating 3D animation, the Aardman Book of Filmmaking by Peter Lord and Brian Sibley Abrams publisher ISBN 0810919966

Stop motion filming and Performance a Guide to Cameras, lighting and dramatic techniques, Author Tom Brierton Publisher McFarland ISBN 0-7864-2417-6

Animating with Stop Motion Pro by Mark Sawicki Focal press ISBN: 97802408121995

*Schedule  Topic  Calendar Highlights

<table>
<thead>
<tr>
<th>AUG</th>
<th>08.20.12</th>
<th>08.27.12</th>
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| Week 1 | LECTURE: Getting started, class overview, Stop Motion Animation websites  Assignment A: Buy the textbook; Read: Film Animation Techniques... textbook chapters 1&2  
**What makes Mickey Mouse move and How film animation developed.**  Assignment B: Bring supplies to class for assignment  * Thaumatrope #1 & #2  |
| Assignment #1: *simple thaumatrope* and more complex* Thaumatrope; In class assignments: Due at the end of class.  Read Film Animation Techniques... textbook chapters 3  Choosing a story and characters  |
SEPT
Week 3 09.03.11
Lecture: Fundamentals and process overview
Discussion time, 24 frames per second, one minute of stop motion = 1440
Review Film Animation Techniques... textbook chapters 3
Assignment #2: How to make a Zoetrope: In class assignment: Due at the end of class. Bring supplies to work in class on your zoetrope.
The History and art of creating a flipbook: Example: Flick books
Assignment #3: Flipbook
Assignment #4: Flipbook
Read Film Animation Techniques... textbook chapters 4-6
Animation without Film, Animation without a camera and Stop motion
Week 4 09.10.11
Lecture: How to make a Flip Books
Review Film Animation Techniques... textbook chapters 4-6
Read Film Animation Techniques... textbook chapters 7-9
Materials and equipment, animating with a video camera, animating three-dimensional objects
Work on flip book* bring materials
DUE: Assignment #3 Flipbook by end of class.

Week 5 09.17.11
Lecture: Materials and equipment
Review Film Animation Techniques... textbook chapters 7-9
Assignment #4: How to conduct and write a research description and create a presentation about Stop motion - process - animator - film critique
Due end of class Name of your research topic
Read Film Animation Techniques...textbook chapters 10-12
Assignment #5: Storyboard for stop motion cutout

Week 6 09.24.11
Using sound in stop motion animation
Review Film Animation Techniques... textbook chapters 10-12
Deconstruction of Clay animation: Aardman production
DUE Assignment#4 Student research presentation
Assignment#6 Stop Motion Cutout animation

OCT
Week 7 10.01.11
Lecture: Making multiples
DUE Assignment #5 Student presentation
Lab making multiples (bring modeling clay)
Week 8  10.08.11
Lecture: **Walk cycle**: Understanding the command in **walking cycle**: the parts from clay (animal and people),

**DUE Assignment #6: Stop Motion Cutout animation**

Week 9  10.15.11  FALL BREAK NO CLASS

Week 10  10.22.11
Lecture: learning how to make **clay facial expressions**

**Assignment #7 Storyboard for stop motion clay animation**

Week 11  10.29.11
Lecture: Building the wire frame, Building the set, using the camera, upright and flat sets, Lighting and special effects.

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**NOV**

Week 12  11.05.11
Lecture: Object and People Animation

**Due Assignment #8: clay stop-motion animation**

**Assignment #9 Storyboard: object and or people stop motion animation**

Week 13  11.12.13
Lecture: Set design and making of a set

**DUE Assignment #9: Storyboard be prepared to present**

Week 14  11.19.13  Performance: using people in stop motion animation

**Lab: work on animation in class**

Week 15  11.26.13
Lecture: Industry, competitions & field.  **Current SMA.**

Discussion: of class and faculty evaluations.

Bring Roughs to class if available. Compositing.

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**DEC**

Week 16  12.03.13  Last Class

**Due Assignment #10: object and or people stop motion animation for e portfolio**

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*The schedule can change at the discretion of the Instructor. The dates of assignments will not change unless advised by the Instructor.

**Course Assignments:**

*IMPORTANT: All Writing assignments must be submitted ONLY through Oncourse Assignment Menu. Documents (if any) must be formatted as PDF. PLEASE DO NOT EMAIL.*
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<thead>
<tr>
<th>ID#</th>
<th>Title</th>
<th>Points</th>
<th>Due</th>
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<tr>
<td>Assignment #1</td>
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<tr>
<td>Assignment #2</td>
<td>Zoetrope</td>
<td>05</td>
<td>08/27/2013</td>
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<td>Assignment #3</td>
<td>Flipbook</td>
<td>10</td>
<td>09/10/2013</td>
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<tr>
<td>Assignment #4</td>
<td>Research, Blog, Presentation</td>
<td>10</td>
<td>09/24/2013</td>
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<td>Storyboard Animation #1</td>
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<td>Assignment #6</td>
<td>Stop Motion cut out #1</td>
<td>15</td>
<td>10/08/2013</td>
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<td>Assignment #7</td>
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<td>Assignment #8</td>
<td>Stop Motion clay #2</td>
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<td>Storyboard Animation #3</td>
<td>10</td>
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<tr>
<td>Assignment #10</td>
<td>Stop Motion object, people #3</td>
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<td>12/03/13</td>
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**Total Point Value for Course**  
100 points

**Grading scale**

- **A**: 100 to 92
- **A-**: 91.9 to 90
- **B+**: 89.9 to 88
- **B**: 87.9 to 82
- **B-**: 81.9 to 80
- **C+**: 79.9 to 78
- **C**: 77.9 to 72
- **C-**: 71.9 to 70
- **D+**: 69.9 to 67
- **D**: 66.9 to 60
- **59.9 and below**: F

**Grading Rubric:**

- **A**: The student has EXCEEDED the expectations of ALL criteria
- **B**: The student has met ALL objectives competently
- **C**: The student has met the requirements within their simplest definition
- **D**: The student has not met the all requirements but has adequately met some
- **F**: The student has not fulfilled requirements or has done so very poorly

**EXPECTATIONS, GUIDELINES, AND POLICIES**

**Attendance:**

Class attendance is required for classroom-based courses. It entails being present and attentive for the entire class period. Attendance shall be taken in every class. If you do not sign the attendance sheet while in class, you shall be marked absent. Signing the attendance sheet for another student is prohibited. The instructor is required to submit to the Registrar a record of student attendance, and action shall be taken if the record
conveys a trend of absenteeism. Illness or a death in the immediate family is usually the only acceptable excuse for absence from class. Absences must be explained to the satisfaction of the instructor, who will decide whether omitted work may be made up. To protect your privacy, doctor’s excuses should exclude the nature of the condition and focus instead on how the condition affects on your coursework. Missing class reduces your grade through the following grade reduction policy: You are allowed two excused or unexcused absences. Regardless of the reason, a third absence results in a 5% reduction in your final grade and a fourth absence results in a 10% reduction. Further absences result in an F in the course. Missing class may also reduce your grade by eliminating opportunities for class participation.

**Incomplete:**
The instructor may assign an Incomplete (I) grade only if at least 75% of the required coursework has been completed at passing quality and holding you to previously established time limits would result in unjust hardship to you. All unfinished work must be completed by the date set by the instructor. Left unchanged, an Incomplete automatically becomes an F after one year. [http://registrar.iupui.edu/incomp.html](http://registrar.iupui.edu/incomp.html)

**Deliverables:**
You are responsible for completing each deliverable (e.g., assignment, quiz) by its deadline and submitting it by the specified method. Deadlines are outlined in the syllabus or in supplementary documents accessible through OnCourse. Should you miss a class, you are still responsible for completing the deliverable and for finding out what was covered in class, including any new or modified deliverable. In fairness to the instructor and students who completed their work on time, a grade on a deliverable shall be reduced 10%, if it is submitted late and a further 10% for each 24-hour period it is submitted after the deadline.

**Equipment**
Microsoft word (documents need to be PDF (if you need help to format this please see instructor). Adobe Photoshop, Adobe Premier Pro, Preview, Power Point, Quicktime/Windows Media Player and software as needed provide by IUPUI. (You will not need to purchase any software).

- Access to a computer for writing
- Digital camera or phone camera
- Pen and pencil
- Notepaper or laptop for taking notes in class. (I do not post notes this is your responsibility).

**Communication**
All class documents, including the syllabus and assignments, will be posted on OnCourse.
Feel free to email me at any time with questions or concerns.

**Class Format**
Our time in the classroom will combine lecture, demonstration, and lab exercises.

**Homework**
All assignments will be discussed during class and posted on OnCourse.

**Workload**
This class will include a number of homework assignments designed to reinforce the concepts presented in class. As you budget your time for the semester, you should anticipate spending several hours per week to finish and refine your assignments and final project.

**Due Dates**
Any assignment will be accepted up to 24 hours after the due date at a 50% reduced credit. Assignments will not be accepted after this 24 hour period.

**Plagiarism**
Use of another’s work in your animation assignments without proper attribution is plagiarism. In this class, the majority of your animation and assets are expected to be your own work. Document your sources along with the project should you use any assets that are not your own. Any project deemed to be using significantly amounts of plagiarized content will receive a failing grade (50% of the projects total worth).

**Principles of Undergraduate Learning (PUL)**
This class focuses on the following learning outcomes:
- Oral presentation
- Writing skills
- Critical thinking
- Application of knowledge
- Intellectual depth, breadth, and adaptive thinking
- Understanding of society, tradition and culture
- Values and ethics

The Mission of IUPUI is to provide for its constituents excellence in
- Teaching and Learning
- Research, Scholarship, and Creative Activity
- Civic Engagement
- With each of these core activities characterized by
- Collaboration within and across disciplines and with the community
- A commitment to ensuring diversity, and
- Pursuit of best practices

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- Collaboration within and across disciplines and with the community
- A commitment to ensuring diversity, and
- Pursuit of best practices
- IUPUI’s mission is derived from and aligned with the principal components –
• Communities of Learning, Responsibilities of Excellence, Accountability and Best Practices – of Indiana University’s Strategic Directions Charter.

STATEMENT OF VALUES

IUPUI values the commitment of students to learning; of faculty to the highest standards of teaching, scholarship, and service; and of staff to the highest standards of service. IUPUI recognizes students as partners in learning. IUPUI values the opportunities afforded by its location in Indiana’s capital city and is committed to serving the needs of its community. Thus, IUPUI students, faculty, and staff are involved in the community, both to provide educational programs and patient care and to apply learning to community needs through service. As a leader in fostering collaborative relationships, IUPUI values collegiality, cooperation, creativity, innovation, and entrepreneurship as well as honesty, integrity, and support for open inquiry and dissemination of findings. IUPUI is committed to the personal and professional development of its students, faculty, and staff and to continuous improvement of its programs and services.

CODE OF CONDUCT

All students should aspire to the highest standards of academic integrity. Using another student’s work on an assignment, cheating on a test, not quoting or citing references correctly, or any other form of dishonesty or plagiarism shall result in a grade of zero on the item and possibly an F in the course. Incidences of academic misconduct shall be referred to the Department Chair and repeated violations shall result in dismissal from the program.

All students are responsible for reading, understanding, and applying the Code of Student Rights, Responsibilities and Conduct and in particular the section on academic misconduct. Refer to The Code > Responsibilities > Academic Misconduct at http://www.indiana.edu/~code/. All students must also successfully complete the Indiana University Department of Education “How to Recognize Plagiarism” Tutorial and Test. https://www.indiana.edu/~istd. You must document the difference between your writing and that of others. Use quotation marks in addition to a citation, page number, and reference whenever writing someone else’s words (e.g., following the Publication Manual of the American Psychological Association). To detect plagiarism instructors apply a range of methods, including Turnitin.com. http://www.ulib.iupui.edu/libinfo/turnitin

Academic Misconduct:

1. Cheating: Cheating is considered to be an attempt to use or provide unauthorized assistance, materials, information, or study aids in any form and in any academic exercise or environment.
a. A student must not use external assistance on any “in-class” or “take-home” examination, unless the instructor specifically has authorized external assistance. This prohibition includes, but is not limited to, the use of tutors, books, notes, calculators, computers, and wireless communication devices.

b. A student must not use another person as a substitute in the taking of an examination or quiz, nor allow other persons to conduct research or to prepare work, without advanced authorization from the instructor to whom the work is being submitted.

c. A student must not use materials from a commercial term paper company, files of papers prepared by other persons, or submit documents found on the Internet.

d. A student must not collaborate with other persons on a particular project and submit a copy of a written report that is represented explicitly or implicitly as the student's individual work.

e. A student must not use any unauthorized assistance in a laboratory, at a computer terminal, or on fieldwork.

f. A student must not steal examinations or other course materials, including but not limited to, physical copies and photographic or electronic images.

g. A student must not submit substantial portions of the same academic work for credit or honors more than once without permission of the instructor or program to whom the work is being submitted.

h. A student must not, without authorization, alter a grade or score in any way, nor alter answers on a returned exam or assignment for credit.

2. Fabrication: A student must not falsify or invent any information or data in an academic exercise including, but not limited to, records or reports, laboratory results, and citation to the sources of information.

3. Plagiarism: Plagiarism is defined as presenting someone else’s work, including the work of other students, as one’s own. Any ideas or materials taken from another source for either written or oral use must be fully acknowledged, unless the information is common knowledge. What is considered “common knowledge” may differ from course to course.

a. A student must not adopt or reproduce ideas, opinions, theories, formulas, graphics, or pictures of another person without acknowledgment.

b. A student must give credit to the originality of others and acknowledge indebtedness whenever:

1. directly quoting another person's actual words, whether oral or written;

2. using another person's ideas, opinions, or theories;

3. paraphrasing the words, ideas, opinions, or theories of others, whether oral or written;

4. borrowing facts, statistics, or illustrative material; or
5. **offering materials assembled or collected by others in the form of projects or collections without acknowledgment**

4. **Interference:** A student must not steal, change, destroy, or impede another student’s work, nor should the student unjustly attempt, through a bribe, a promise of favors or threats, to affect any student’s grade or the evaluation of academic performance. Impeding another student's work includes, but is not limited to, the theft, defacement, or mutilation of resources so as to deprive others of the information they contain.

5. **Violation of Course Rules:** A student must not violate course rules established by a department, the course syllabus, verbal or written instructions, or the course materials that are rationally related to the content of the course or to the enhancement of the learning process in the course.

6. **Facilitating Academic Dishonesty:** A student must not intentionally or knowingly help or attempt to help another student to commit an act of academic misconduct, nor allow another student to use his or her work or resources to commit an act of misconduct.

**OTHER POLICIES**

1. **IUPUI course policies:** A number of campus policies governing IUPUI courses may be found at the following link: [http://registrar.iupui.edu/course_policies.html](http://registrar.iupui.edu/course_policies.html)

2. **Classroom civility:** To maintain an effective and inclusive learning environment, it is important to be an attentive and respectful participant in lectures, discussions, group work, and other classroom exercises. Thus, unnecessary disruptions should be avoided, such as ringing cell phones engagement in private conversations and other unrelated activities. Texting, surfing the Internet, and posting to Facebook or Twitter during class are generally not permitted. IUPUI nurtures and promotes “a campus climate that seeks, values, and cultivates diversity in all of its forms and that provides conditions necessary for all campus community members to feel welcomed, supported, included, and valued” (IUPUI Strategic Initiative 9). IUPUI prohibits “discrimination against anyone for reasons of race, color, religion, national origin, sex, sexual orientation, marital status, age, disability, or [veteran] status” (Office of Equal Opportunity). Profanity or derogatory comments about the instructor, fellow students, invited speakers or other classroom visitors, or any members of the campus community shall not be tolerated. A violation of this rule shall result in a warning and, if the offense continues, possible disciplinary action.

3. **Bringing children to class:** To ensure an effective learning environment, children are not permitted to attend class with their parents, guardians, or childcare providers.

4. **Disabilities Policy:** In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to reasonable accommodations. Please notify the instructor during the first week of class of accommodations needed for the course. Students requiring accommodations because of a disability must register with Adaptive Educational Services (AES) and...
complete the appropriate AES-issued before receiving accommodations. The AES office is located at UC 100, Taylor Hall (Email: aes@iupui.edu, Tel. 317 274-3241). Visit http://aes.iupui.edu for more information.

5. **Administrative Withdrawal:** A basic requirement of this course is that students participate in all class discussions and conscientiously complete all required course activities and/or assignments. If a student is unable to attend, participate in, or complete an assignment on time, it is the student’s responsibility to inform the instructor. If a student misses more than half of the required activities within the first 25% of the course without contacting the instructor, the student may be administratively withdrawn from this course. Administrative withdrawal may have academic, financial, and financial aid implications. Administrative withdrawal will take place after the full refund period, and a student who has been administratively withdrawn from a course is ineligible for a tuition refund. Contact the instructor with questions concerning administrative withdrawal.

6. **Class Courtesy:** Come to class on time and be prepared. Turn off your cell phone and other noisy devices. Don’t do homework, answer email, or engage in conversation during class. Listen to your classmates when they are asking questions or presenting their work. Do not bring children with you to class.

7. All students should read the IUPUI Code of Student Rights, Responsibilities, available at http://www.iupui.edu/code. This document describes your rights and responsibilities as an IUPUI student.