

COURSE OUTLINE		
TERM: Fall 2027	COURSE NO: DIGI 239	
INSTRUCTOR:	COURSE TITLE: Independent Study in 3D Animation, Modeling and Effects	
OFFICE: LOCAL: E-MAIL: @capilanou.ca	SECTION NO(S):	CREDITS: 1.5
OFFICE HOURS:		
COURSE WEBSITE:		

Capilano University is named after Chief Joe Capilano (1854–1910), an important leader of the Skw̓w̓w̓7mesh (Squamish) Nation of the Coast Salish Peoples. We respectfully acknowledge that our campuses are located on the unceded territories of the sə̓lilwətał (Tsleil-Waututh), shíshálh (Sechelt), Skw̓w̓w̓7mesh (Squamish), and xʷməθkʷəy̓əm (Musqueam) Nations.

COURSE FORMAT

This course is self-directed and completed under the supervision of a faculty advisor. Students will be expected to work independently for a minimum of 30 hours over a 15 week period with scheduled milestone check-ins. Specific course details will be arranged between individual students and faculty advisors.

COURSE PREREQUISITES

36 credits of 100-level DIGI

CALENDAR DESCRIPTION

This course provides an opportunity for students to design and complete an independent study or research project in an area of animation that aligns with their career interests. Students have the freedom to explore advanced techniques or emerging topics beyond standard coursework, with clear goals and outcomes developed in consultation with their instructor.

REQUIRED TEXTS AND/OR RESOURCES

To be determined by agreement between the student and instructor based upon the topic.

COURSE STUDENT LEARNING OUTCOMES

On successful completion of this course, students will be able to do the following:

- Demonstrate proficiency in a chosen area of 3D production by researching, planning, and executing a project that showcases technical and creative skills in modeling, animation, texturing, lighting, motion capture, or visual effects;

- Apply an iterative creative and research process by developing projects through multiple stages of investigation, feedback, and revision to strengthen problem-solving and artistic decision-making;
- Manage a self-directed production pipeline by establishing and following a realistic timeline and workflow informed by relevant research and professional practices;
- Document and reflect on artistic, technical, and research choices through process records and written or recorded reflections that articulate decisions and solutions;
- Present a final project portfolio that effectively communicates the student's creative and research-based interests.

COURSE CONTENT

Students will meet the learning outcomes of this course under the guidance of a faculty supervisor. Regular milestone check-ins will be scheduled to review progress, receive feedback, and ensure steady advancement toward project goals.

Key components of the independent study include:

- Developing a project proposal and establishing outcomes and timelines in consultation with the instructor.
- Conducting research and gathering reference material relevant to the chosen area of 3D production.
- Defining the creative or technical objectives, production methods, and evaluation criteria.
- Implementing the research or production plan through iterative stages of development, feedback, and revision.
- Documenting artistic, technical, and research decisions throughout the process.
- Presenting a polished final project that demonstrates professional standards and effectively communicates the student's creative and research-based vision.

WEEK	TOPICS	READINGS and ACTIVITIES
Weeks 1-2	Independent Study research and proposal Project breakdown and scheduling	Due Week 3: Project Proposal
Weeks 3-5	Independent study research and production Milestone #1 Review	Due Week 5: Milestone #1
Weeks 6-10	Independent study research and production Milestone #2 Review	Due Week 10: Milestone #2
Weeks 11-15	Independent study research and production Presentation of Independent Study Portfolio Milestone #3 Review	Due Week 15: Milestone #3

EVALUATION PROFILE

Assignment 1 – Independent study proposal/plan	10%
Assignment 2 – Project Milestone 1	30%
Assignment 3 – Project Milestone 2	30%
<u>Assignment 4 – Project Milestone 3 / Presentation</u>	<u>30%</u>
Total:	100%

Assignment Descriptions

All assessments will be completed and/or submitted online.

All assignments will be included in the calculation of your final grade. Failure to submit assignments may result in failing the course.

GRADING PROFILE

A+ = 90-100	B+ = 77-79	C+ = 67-69	D = 50-59
A = 85-89	B = 73-76	C = 63-66	F = 0-49
A- = 80-84	B- = 70-72	C- = 60-62	

Incomplete Grades

Grades of Incomplete "I" are assigned only in exceptional circumstances when a student requests extra time to complete their coursework. Such agreements are made only at the request of the student, who is responsible to determine from the instructor the outstanding requirements of the course.

Late Assignments

All assignments must be delivered at the place and time specified by the instructor. Late assignments will only be accepted if prior approval for a late submission date has been given by the instructor.

Missed Exams/Quizzes/Labs etc.

If you anticipate missing an exam/quiz/or lab, please consult with your instructor prior to the scheduled date, so that alternate arrangements can be considered. Accommodation can be made to honour community needs and traditional practices.

Attendance

Students are expected to attend all classes and associated activities. Attendance is taken at the start of each class. Students who miss more than 20% of the course will not receive credit. Students are responsible for all material and assignments, even if absent. If circumstances affect attendance or coursework, email the instructor in advance to discuss possible adjustments. Instructors are not required to repeat missed material.

English Usage

Students are expected to proofread all written work for any grammatical, spelling and stylistic errors. Instructors may deduct marks for incorrect grammar and spelling in written assignments.

Electronic Devices

Students may use personal electronic devices during class for note taking only.

On-line Communication

Please be sure to check your official Capilano University email regularly as all official communication will be sent via this email address only. Additionally, you should be logging on to eLearn/teams 3 to 4 times per week for class updates and/or to engage in learning activities.

UNIVERSITY OPERATIONAL DETAILS

Tools for Success

Many services are available to support student success for Capilano University students. A central navigation point for all services can be found at: <https://www.capilanou.ca/student-services/>

Capilano University Security: download the [CapU Safe Alert App](#)

Policy Statement (S2009-06)

Capilano University has policies on Academic Appeals (including appeal of final grade), Student Conduct, Academic Integrity, Academic Probation and other educational issues. These and other policies are available on the University website.

Academic Integrity (S2017-05)

Any instance of academic dishonesty or breach of the standards of academic integrity is serious and students will be held accountable for their actions, whether acting alone or in a group. See policy and procedures S2017-05 Academic Integrity for more information:

<https://www.capilanou.ca/about-capu/governance/policies/>

Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances, are prohibited and will be handled in accordance with the Student Academic Integrity Procedures.

Academic dishonesty is any act that breaches one or more of the principles of academic integrity. Acts of academic dishonesty may include but are not limited to the following types:

Cheating: Using or providing unauthorized aids, assistance or materials while preparing or completing assessments, or when completing practical work (in clinical, practicum, or lab settings), including but not limited to the following:

- Copying or attempting to copy the work of another during an assessment;
- Communicating work to another student during an examination;
- Using unauthorized aids, notes, or electronic devices or means during an examination;
- Unauthorized possession of an assessment or answer key; and/or,
- Submitting of a substantially similar assessment by two or more students, except in the case where such submission is specifically authorized by the instructor.

Fraud: Creation or use of falsified documents.

Misuse or misrepresentation of sources: Presenting source material in such a way as to distort its original purpose or implication(s); misattributing words, ideas, etc. to someone other than the original source; misrepresenting or manipulating research findings or data; and/or suppressing aspects of findings or data in order to present conclusions in a light other than the research, taken as a whole, would support.

Plagiarism: Presenting or submitting, as one's own work, the research, words, ideas, artistic imagery, arguments, calculations, illustrations, or diagrams of another person or persons without explicit or accurate citation or credit.

Self-Plagiarism: Submitting one's own work for credit in more than one course without the permission of the instructors, or re-submitting work, in whole or in part, for which credit has already been granted without permission of the instructors.

Prohibited Conduct: The following are examples of other conduct specifically prohibited:

- Taking unauthorized possession of the work of another student (for example, intercepting and removing such work from a photocopier or printer, or collecting the graded work of another student from a stack of papers);
- Falsifying one's own and/or other students' attendance in a course;
- Impersonating or allowing the impersonation of an individual;
- Modifying a graded assessment then submitting it for re-grading; or,
- Assisting or attempting to assist another person to commit any breach of academic integrity.

Sexual Violence and Misconduct

All Members of the University Community have the right to work, teach and study in an environment that is free from all forms of sexual violence and misconduct. Policy B401 defines sexual assault as follows:

Sexual assault is any form of sexual contact that occurs without ongoing and freely given consent, including the threat of sexual contact without consent. Sexual assault can be committed by a stranger, someone known to the survivor or an intimate partner.

Safety and security at the University are a priority and any form of sexual violence and misconduct will not be tolerated or condoned. The University expects all Students and Members of the University Community to abide by all laws and University policies, including B.401 Sexual Violence Policy and B.401.1 Sexual Violence Procedure (found on Policy page <https://www.capilanou.ca/about-capu/governance/policies/>)

Emergencies: Students are expected to familiarise themselves with the emergency policies where appropriate and the emergency procedures posted on the wall of the classroom.

DEPARTMENT OR PROGRAM OPERATIONAL DETAILS

Continuation Policy

Students must successfully complete the required and elected 2D Animation (ANIM), 3D Animation (DIGI) or VFX course credits in one term before continuing to the next term.

Punctuality

Punctuality is essential. Students more than 15 minutes late for class will be marked absent.

Professional Behaviour

Students must demonstrate a professional attitude and behaviour toward work, other students, guests, and instructors. Each student should demonstrate reliability, respect for and co-operation with colleagues. A willingness to work calmly and courteously under difficult conditions as well as a determination to achieve first-class work while meeting deadlines is necessary in this course. Students must show respect for equipment and facilities.

Class Recordings

Class sessions may be recorded for use within this course only. Recordings may not be shared, reproduced, or uploaded outside the class. If recordings are to be used for any other purpose, students who are identifiable will be notified and their consent requested in advance.

Online Community and Communication Tools

All class content will be available through the course on <https://elearn.capu.ca>. All direct student communication will be done via Capilano email/teams.

Software	Link
eLearn	https://elearn.capu.ca/
myCapU	www.capilanou.ca/mycapu/
Zoom	www.zoom.com/
Microsoft Teams	teams.microsoft.com