

THFM-3002-001 SpSt: CAD for Theatre (3 credit hours)

CAD for Theatre

Spring 2022

Instructor: Adam Parboosingh

Meeting times: Tuesday/Thursday: 8:30 – 11:30am

Dates: May 24 to June 30, 2022

Office: 4T11

Room: OT20 (Design Lab)

Phone: 204-786-9380

Office Hours: TBA

E-Mail: a.parboosingh@uwinnipeg.ca

COURSE DESCRIPTION

In this course, we will explore the computer software *Vectorworks 2018* as a tool for the scenery and lighting designer.

Vectorworks is used primarily in scenery and lighting design. This program can be used to create three-dimensional models of scenery using photo-realistic textures and lighting effects, representing your ideas for the production. Set designers can also draw the necessary technical plans for shop construction purposes using Vectorworks. CAD is a valued skill to have in your resume as you look towards the future work in many different entertainment fields. Film, museum and exhibition design use CAD to speed up the drawing process.

TEXT

Vectorworks for Entertainment Design: Using Vectorworks to Design and Document Scenery, Lighting, Rigging and Audio Visual Systems edition 2 by Kevin Lee Allen ISBN-10 : 0367192942

EVALUATION

Assignments

- 2D Drafting Journal due June 10th 30%
- 3D Modeling Journal due June 23th 30%
- Final Project due June 30th 25%

Course Participation

- Attendance and in-class activities..... 15%

TOTAL..... 100%

Work not submitted will be graded as 0%.

CONVERSION SCALE

For the calculation of the final grade the following conversion table will be used:

A+	90 – 100%	GPA	4.5	C+	65 – 69.9%	GPA	2.5
A	85 – 89.9%	GPA	4.25	C	60 – 64.9%	GPA	2.0
A-	80 – 84.9%	GPA	4.0	D	50 – 59.9%	GPA	1.0
B+	75 – 79.9%	GPA	3.5	F	below 50%	GPA	0
B	70 – 74.9%	GPA	3.0				

COURSE PARTICIPATION and ATTENDANCE POLICY

Please see rubric for details about Course Participation. *Will be discussed during the first class and will be posted on Nexus.

For related absences, please email me or telephone me within that day of your absence from class. Each situation will be discussed at an appropriate time.

THFM-3002-001 Spst: CAD for Theatre Schedule

Note: I have the ability to change the schedule to suit the needs of the course or a need to pivot to online remote instruction.

Week #	Classroom Focus & Readings Tuesday	Classroom Focus & Readings Thursday	Assignments Due
1 (May 24 & 26)	<u>Introduction to VW</u> First day of class Introduction to projects and computer	<u>Introduction to VW</u> Chapter 1 – Drafting Principles and Standards Chapter 5 – Your Work Station	
2 (May 31 & June 2)	<u>2D Drafting</u> Chapter 2 – The Vectorworks Screen Chapter 3 – The Document Organization Chapter 4 – Vectorworks Workspaces	<u>2D Drafting</u> Chapter 8 – Basic Drawing and Modeling	
3 (June 7 & 9)	<u>2D Drafting</u>	<u>2D Drafting</u>	2D Drafting Journal Due Friday June 10 on Nexus
4 (June 14 & 16)	<u>3D Modeling</u> Chapter 8 – Basic Drawing and Modeling	<u>3D Modeling</u>	
5 (June 21 & 23)	<u>3D Modeling</u> Chapter 11 – Advanced Modeling Voluntary withdrawal date.	<u>3D Modeling</u> Chapter 12 – Object Types, Symbols, Plug-In Objects, and Styles	3D Modeling Journal Due Friday June 23 on Nexus

6 (June 28 & 30)	<u>Presentation</u> Chapter 14 – Measuring and Modeling Venues	<u>Presentation</u>	Final Project Journal Due Thursday June 30 in class
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The voluntary withdrawal date, without academic penalty, is June 21, 2022.

DEFINITIONS OF GRADING DESCRIPTIONS

A+ Exceptional. Thorough knowledge of concepts and/or techniques and exceptional skill **AND** great originality in the use of those concepts/techniques in satisfying the requirements of an assignment or course.

A Superior. Thorough knowledge of concepts and/or techniques and exceptional skill **OR** great originality in the use of those concepts/techniques in satisfying the requirements of an assignment or course.

A- Excellent. Thorough knowledge of concepts and/or techniques together with a high degree of skill and/or some elements of originality in satisfying the requirements of an assignment or course.

B+ Very Good. Thorough knowledge of concepts and/or techniques together with a fairly high degree of skill in the use of those concepts/techniques in satisfying the requirements of an assignment or course.

B Good. Good level of knowledge of concepts and/or techniques together with considerable skill in using them to satisfy the requirements of an assignment or course.

C+ Competent. Acceptable level of knowledge of concepts and/or techniques together with considerable skill in using them to satisfy the requirements of an assignment or course.

C Fairly Competent. Acceptable level of knowledge of concepts and/or techniques together with some skill in using them to satisfy the requirements of an assignment or course.

D Barely Passing. Minimum knowledge of concepts and/or techniques needed to satisfy the requirements of an assignment or course.

F Failing

STUDENT PARTICIPATION POLICY & COURSE CONTENT

Theatre & Film are communal art forms in which a number of interdependent artists and crafts people cooperate to create a work of art. This fact is necessarily transferred to the learning situation, and is reflected in many of the Department's courses. Consequently, it is the Department's policy that students are required to: complete homework such as reading, line-learning, script analysis, prop lists, design drawings, etc.; attend classes; attend rehearsals, meetings or shoots both within and outside of class times; and, in short, exhibit commitment towards the inevitably shared endeavours of our field of study.

Any student failing to fulfil these requirements is harmful to the progress of dedicated students and may, after due warning, be asked to withdraw from any individual Departmental course.

COURSE CONTENT NOTE

Dramatic Literature depicts a wide variety of human action, both elevated and base, public and private, physical and psychological, sexual and non-sexual, etc. The Department of Theatre and Film will not undertake to censor the subject matter of dramatic works.

Students who have concerns about dealing with the full range of content and style in drama/film are urged to discuss these concerns with the course instructor.

KNOW YOUR RIGHTS

Human Rights and Diversity

All students are encouraged to visit the University's Human Rights and Diversity website (<https://www.uwinnipeg.ca/respect/index.html>) to familiarize yourself about your rights, the University's policies, and resources in place to support you. This site includes links to the University's Sexual Violence Policy and Procedures (<https://www.uwinnipeg.ca/respect/sexual-violence-policy-and-procedures.html>), as well as resources for getting and providing support and clear steps for disclosing or reporting sexual violence.

Sexual Violence Resources on Campus

From the UW Human Rights & Diversity website:

The University takes all disclosures and reports of sexual violence seriously; survivors of all backgrounds and experiences will be treated with dignity, respect, and care. If you have experienced sexual violence, there are trained staff to help you in whatever way suits you best."

Disclosing is telling a member of the UW Community that you have experienced sexual violence. This could be someone you trust or feel comfortable with, like a professor, coach, another staff person, or a member of the Sexual Violence Response Team (**SVRT**). A disclosure can be made in order to receive support, accommodation, or to be connected to other resources. The Sexual Violence Response Team (**SVRT**) is a small team of specially trained, well-situated staff that coordinates and organizes services for survivors in a confidential manner. For example, if you personally do not feel comfortable talking to your professors about extensions or deferring work, they would be able to arrange changes for you without telling the professor why you need accommodation.

Contact SVRT by phone at 204-230-6660. [You can find more information on disclosing here.](https://www.uwinnipeg.ca/respect/sexual-violence/support/index.html)
(<https://www.uwinnipeg.ca/respect/sexual-violence/support/index.html>)

Reporting is making a statement to the **Human Rights & Diversity Officer (HRDO)** with the intention of seeking remedy, sanction, or consequences through the university. Once a report is made, the **HRDO** will review your report and discuss your options. Your options could include an investigation process, or informal resolution (if you wish to resolve it without an investigation). The **HRDO** can still connect you with support, accommodation, or external organizations while the investigation is taking place.

You can contact the HRDO by phone at 204-988-7508 or by email at hrdo@uwinnipeg.ca

You can report online here » (https://uwinnipeg.qualtrics.com/jfe/form/SV_4ONi2EP1gcXjyBv)

PUBLIC HEALTH COVID CONSIDERATIONS

In the current changing health situation, the schedule and content of the course may be subject to change on short notice. Every effort will be made to inform students of these changes, to deliver the course content in the best way possible under the circumstances, and to evaluate students fairly.

HEALTH AND ACCESSIBILITY SERVICES

Life happens to everyone. If you are experiencing a crisis in your life, or if you have a physical or mental health issue, communicate with your Professor or Accessibility Services – let us know so we can provide support or direct you to those who can. The earlier we know, the earlier we can discuss what resources might be available. Students with documented disabilities, or temporary or chronic medical conditions requiring academic accommodations for tests/exams/presentations (e.g., private space or more time) or during lectures/labs (e.g., note-takers) are encouraged to contact Accessibility Services (AS) at 204-786-9771 or accessibilityservices@uwinnipeg.ca to discuss appropriate options. All information about a student's disability or medical condition remains confidential. If you are registered with Accessibility Services, do not assume that Accessibility Services (AS) has informed your instructor that you have registered with them. Please see <http://www.uwinnipeg.ca/accessibility>. If you do not register with AS, you cannot be granted special consideration (e.g. extra time to write exams/tests, attendance issues because of physical or mental health conditions, etc.).

The University of Winnipeg promotes a scent-free environment. Please be respectful of the needs of your fellow classmates and your instructor by avoiding the use of scented products while attending on-campus lectures and labs. Exposure to perfumes and other **scented products (such as lotion)** can trigger serious health reactions in persons with asthma, allergies, migraines or chemical sensitivities. We are asking for your cooperation to create a scent-free environment **on campus** by students, faculty and staff.

"THE REAL THING" LECTURE SERIES

During the FW terms, the Department of Theatre and Film presents a series of lectures held on Wednesdays during the free period (12:30-13:20). This series will feature speakers from a range of areas in the performing arts: technical, performance, design, management, film, directing, playwriting, etc. and are open to all students. The speakers will specifically address issues related to "the business of the business."

MANDATORY ATTENDANCE FOR HONOURS STUDENTS: Attendance at **EVERY** lecture is mandatory for ALL Honours students in Theatre (that is, anyone taking 4000-level courses in any area), as well as students in THFM-3110 Screen Acting, THFM-3201 Styles in Design, and THFM-3801 Production II; other classes may be designated mandatory and will be noted at the beginning of term.

All students are encouraged to attend these fun and informative lectures. Please see our department website in the Fall for information.

ORIENTATION ASSEMBLY

The department holds an Orientation/Info session in the first couple of weeks of the Fall term welcome students to the new year, provide information about the department, its various activities and those of its professors; and deliver news about what's coming up.

ALL STUDENTS ARE ENCOURAGED AND WELCOME TO ATTEND! Please see our department website for information in late August.

TAFSA

All students enrolled in at least one theatre or film class are automatically members of TAFSA, the Theatre and Film Students' Association, which plans a number of exciting activities each academic year. Activities organized by TAFSA include regular **Performance Jams, Department parties** and **Socials** as well as **DioFest** (a new play festival featuring student written and produced plays), and **24/7** (an event in which students move into our building and several plays are written, rehearsed, produced, and presented – all in a period of 24 hours!).

Please join TAFSA to find out more at their meetings during the Fall/Winter terms, every second Wednesday from 12:30-13:20 pm. This is a great opportunity for students to connect with other like-minded people and a way to get involved in the department events. Visit the TFSA Instagram account at [@tafsauw](https://www.instagram.com/tafsauw) or send them an email at tafsa.uw@hotmail.com.

BUILDING SECURITY

To safeguard the health of the UWinnipeg community — and support public health efforts — during the ongoing COVID-19 situation, the UW campus is closed to the public until further notice. Students, Faculty and Staff must use specific access points to buildings and provide identification upon entry.

Information about access for students can be found at <https://www.uwinnipeg.ca/covid-19/on-campus-learning-faq.html>.

NOTE: It is **MANDATORY** that anyone entering the building and attending classes, labs or rehearsals in the building carry an ID card/student card to verify their vaccination status and that they are allowed to be on campus. If a Security Guard checks and you do not have proper accreditation, **you will be evicted.**

These rules are in place to protect our students and our equipment; please respect them.

SECURITY PHONE (General, non-emergency, Safe Walk and Safe Ride): 204-786-9272

SECURITY EMERGENCY NUMBER: 204-786-6666

The Asper Centre for Theatre and Film is equipped with an emergency-only phone to directly contact Security in the main lobby by the House Management Office. This can be used in an emergency situation to directly connect with the UW Security Services.

Students are encouraged to visit the UW Security Services webpage at <https://www.uwinnipeg.ca/security/index.html> for complete information about campus security and emergency procedures.

RECORDING ON-LINE CLASSES

The instructor of an on-line class may choose to record a zoom or video class if there are online connectivity issues, absences, or to post to Nexus for later review.

If a lecture is recorded, students will be given notice (via the course outline or on a case-by-case basis) that their personal information may be captured; informed of how long the recording will be retained; and whether the recording will be used for evaluation of any kind. Students will also be given the option to turn off their cameras/microphones and use pseudonyms to remain anonymous (except where class participation is required).

Students with concerns or who wish to seek alternate arrangements may discuss the matter with the instructor.

Access to recordings will be limited to the academic staff, students, and others with a legitimate need. Recordings containing student personal information will not be posted publicly, but only on UW-approved servers.

No student is allowed to disseminate recordings outside of the class or post recordings publicly. Access to the recordings will be limited to the instructor and the students.

ELECTRONIC COURSE OUTLINE ADDENDA

Department Website: <https://theatre.uwinnipeg.ca> or <https://film.uwinnipeg.ca>

Please refer to the website for department information, but particularly regarding:

Fire and Safety Information for ACTF: Students must check our website and review the *Fire Safety Instructions in the Asper Centre for Theatre and Film* and *Access Card/Building Use Policy* at <https://www.uwinnipeg.ca/theatre-film/student-resources/building-safety-and-prod-schedules.html>.

Room Bookings for Class Assignment Work: We expect students will be allowed to book rehearsal room space FOR CLASS-RELATED WORK ONLY. Please see our website links to *Room Booking Instructions* and electronic *Online Room Booking Form* found on our department website at <https://www.uwinnipeg.ca/theatre-film/rentals/access-card-and-building-use-policy.html>. Please read and note all instructions carefully. Room booking availability is subject to change according to public health and university policies.

GENERAL NOTES

- **Students can find answers to frequently asked questions related to the University's Covid-19 policies for the 2021-22 year here:** <https://www.uwinnipeg.ca/covid-19/remote-learning-faq.html>.
- **Students should check their UWinnipeg e-mail addresses daily as this is the most direct way instructors and the University will contact students, particularly during the current environment of quickly-changing circumstances.**
- **This course outline should be considered a guideline only. Time constraints and other unforeseen factors may require that some topics be omitted or covered in less detail than indicated.**
- A permitted or necessary change in mode of delivery may require adjustments to important aspects of course outlines, like class schedule and the number, nature, and weighting of assignments and/or exams.
- Archival records such as videotapes, sound recordings, and photographs may be made or taken during class or lab times. The University uses such materials primarily for archival, promotional, and teaching purposes. Promotional use may include display at open houses or conferences, or use in advertising, publicity, or brochures. In reading and accepting the terms in this course outline, students acknowledge consent for such use by the University. Should a student not wish to convey such consent, they should withdraw from this course immediately.

- Unless necessary for accessing class, cellular phones should be turned off during classes and examinations. Texting is not permitted in class.
- Any student attending a test or final examination may be required to present proof of identity; photo identification is preferred.
- It is the student's responsibility to retain a photocopy or computer disk copy of **ALL** assignments submitted for grading; in the event of loss or theft, a duplicate copy is required.
- When it is necessary to cancel a class due to exceptional circumstances, instructors will make every effort to inform students via UWinnipeg webmail (and/or using the preferred form of communication, as designated by the instructor), as well as the Departmental Assistant and Chair/Dean. ***Students are reminded that they have a responsibility to regularly check their UWinnipeg e-mail addresses to ensure timely receipt of correspondence from the university and/or their course instructors.***
- Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make up work or examinations without penalty. A list of religious holidays can be found in the 2021-22 Undergraduate Academic Calendar, <http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf>

Regulations, Policies, and Academic Integrity

Students are encouraged to familiarize themselves with the "Regulations and Policies" found in the University Academic Calendar at:

<https://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf>. Particular attention should be given to subsections 8 ("Student Discipline"), 9 ("Senate Appeals"), and 10 ("Grade Appeals"). Please emphasize the importance of maintaining academic integrity, and to the potential consequences of engaging in plagiarism, cheating, and other forms of academic misconduct. Even "unintentional" plagiarism, as described in the UW Library video tutorial "Avoiding Plagiarism" (<https://www.youtube.com/watch?v=UvFdxRU9a8g>) is a form of academic misconduct. Similarly, uploading essays and other assignments to essay vendor or trader sites (filesharing sites that are known providers of essays for use by others who submit them to instructors as their own work) is a form of misconduct, as it involves "aiding and abetting" plagiarism. More detailed information can be found here: Academic Misconduct Policy and Procedures: <https://www.uwinnipeg.ca/institutional-analysis/docs/policies/academic-misconduct-policy.pdf> and <https://www.uwinnipeg.ca/institutional-analysis/docs/policies/academic-misconduct-procedures.pdf>.

Respectful Learning Environment

Students are expected to conduct themselves in a respectful manner on campus and in the learning environment irrespective of platform being used. Behaviour, communication, or acts that are inconsistent with a number of UW policies (e.g. Respectful Working and Learning Environment Policy <https://www.uwinnipeg.ca/respect/respect-policy.html>, Acceptable Use of Information Technology Policy <https://www.uwinnipeg.ca/institutional-analysis/docs/policies/acceptable-use-of-information-technology-policy.pdf>) could be considered "non-academic" misconduct. More detailed information can be found here: Non-Academic Misconduct Policy and Procedures: <https://www.uwinnipeg.ca/institutional-analysis/docs/student-non-academic-misconduct-policy.pdf> and

<https://www.uwinnipeg.ca/institutional-analysis/docs/student-non-academic-misconduct-procedures.pdf>.

Copyright and Intellectual Property

Course materials are the property of the instructor who developed them. Examples of such materials are course outlines, assignment descriptions, lecture notes, test questions, and presentation slides—irrespective of format. Students who upload these materials to filesharing sites, or in any other way share these materials with others outside the class without prior permission of the instructor/presenter, are in violation of copyright law and University policy. Students must also seek prior permission of the instructor/presenter before, for example, photographing, recording, or taking screenshots of slides, presentations, lectures, and notes on the board. Students found to be in violation of an instructor's intellectual property rights could face serious consequences pursuant to the Academic Misconduct or Non-Academic Misconduct Policy; such consequences could possibly involve legal sanction under the Copyright Policy (https://copyright.uwinnipeg.ca/docs/copyright_policy_2017.pdf).

Research Ethics

Students conducting research interviews, focus groups, surveys, or any other method of collecting data from any person, including a family member, must obtain research ethics approval before commencing data collection. Exceptions are research activities done in class as a learning exercise. For submission requirements and deadlines, see <http://www.uwinnipeg.ca/research/human-ethics.html>

Privacy

Students are reminded of their rights in relation to the collecting of personal data by the University (<https://www.uwinnipeg.ca/privacy/admissions-privacy-notice.html>), especially if Zoom is being used for remote teaching (<https://www.uwinnipeg.ca/privacy/zoom-privacy-notice.html>) and testing/proctoring (<https://www.uwinnipeg.ca/privacy/zoom-test-and-exam-proctoring.html>).

VOLUNTARY WITHDRAWAL DATES – SPRING SESSION

May 20, 2022 for courses which begin May 2, 2022 and end on May 30, 2022.
June 1, 2022 for courses which begin on May 2, 2022 and end on June 13, 2022.
June 14, 2022 for courses which begin on May 2, 2022 and end on June 28, 2022.
June 22, 2022 for courses which begin on June 1, 2022 and end on June 28, 2022.
July 7, 2022 for courses which begin on May 2, 2022 and end on July 28, 2022.
July 18, 2022 for courses which begin on June 16, 2022 and end on July 28, 2022.
August 3, 2022 for courses in the 2022 Summer Session.

A course-by-course list of voluntary withdrawal dates, without academic penalty, for all Spring Session courses are found here: <https://www.uwinnipeg.ca/registration/docs/withdrawal-schedule-spring.pdf>

Students are encouraged to speak to the Instructor before withdrawing to explore other options.

Please note that withdrawing before the VW date does not necessarily result in a fee refund.

