

VISUAL EFFECTS PROGRAM (POSTGRADUATE) (G408)

PROGRAM NAME	Visual Effects	TUITION	\$13,224.00*
COURSE CODE	G408	ADDITIONAL COST	
SCHOOL	School of Media and Performing Arts	* Amounts listed are the total of tuition, materials, student service and ancillary fees for the three semesters of programs starting in Fall 2018 . Fees are subject to change for programs starting in Fall 2019 and at later dates.	
CENTRE	Arts, Design and Information Technology	International students: Visit the International Fees and Related Costs ² page for more information.	
LOCATION	St. James Campus		
DURATION	1 year (3 semesters)		
STARTING MONTH	September		
CREDENTIAL	Ontario College Graduate Certificate		
YEAR OF STUDY	2019-2020		
METHOD OF STUDY	FT		
APPLY TO	Ontario Colleges ¹		

In this three-semester **Visual Effects** graduate certificate program, students will expand upon concepts and techniques in 3D animation, motion graphics, or audio/video editing for film and television. Preparing for a career in the postproduction industry, visual effects artists combine the skills of a programmer with the creativity of a designer. As members of film and television production teams, visual effects artists turn concepts into visual representation.

Visual effects artists hone their visual storytelling capabilities through the use of elements such as digital lighting, surface attribute design and camera composition. While learning the procedures for planning visual effects for film, students cover the techniques of procedural modeling and animation used in visual effects films.

The George Brown College School of Media & Performing Arts is certified by SideFX³ to teach Houdini on an academic level.



THE INDUSTRY

The visual effects field in Toronto is a strong and well established industry. With a long history of providing cutting edge work to an international market, Toronto is a beacon not only for companies that film within Canada but also around the world.

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Design visual effects sequences using storyboarding and pre-visualization that meet production requirements.

2. Use filmmaking and game terminology to communicate effectively throughout all stages of production.
3. Complete the production of live action plates for use in visual effects.
4. Manage the production of visual effects projects to meet production schedules.
5. Identify hardware and software protocols specific to the field of visual effects.
6. Analyze images and physical sets to digitally re-create lights, cameras, locations and objects.
7. Create photo-real images to match live action footage.
8. Recreate natural phenomena by using appropriate particle or dynamic effects.
9. Integrate 2D and/or 3D computer generated imagery and live action elements.
10. Create customized tools through software or scripting to allow for more advanced application of visual effects techniques.
11. Work collaboratively in interdisciplinary teams on the production of visual effects.

REQUIRED COURSES

SEMESTER 1

Code	Course Name
VAFX1001	Digital Visual Effects
VAFX1002	Digital Compositing
VAFX1003	Photorealistic Modeling
VAFX1004	Procedural Modeling and Animation
VAFX1005	Immersive Environments
VAFX1006	Visual Effects Project I
VAFX1007	Visual Effects Models and Shaders

SEMESTER 2

Code	Course Name
VAFX1013	Photorealistic Rendering
VAFX1014	Particle System Effects
VAFX1015	Cinematography For Visual Effects
VAFX1016	Visual Effects Project II
VAFX1018	Visual Effects Rendering
VAFX1019	Matte Painting
VAFX1020	Portfolio

SEMESTER 3

Code	Course Name
VAFX2010	Entrepreneurship
VAFX2020	Experiential Thesis

CAREER OPTIONS

Visual effects artists are able to move across multiple platforms including film, television, interaction storytelling, gaming and animation. Potential job titles include:

- 3D Animator
- Texture Artist
- Technical Artist
- Environment Modeler
- Character Modeler
- Object Modeler
- Stop Motion Animator
- Visual Effects Artist

**ADMISSION REQUIREMENTS**

- Bachelor of Fine Arts OR Diploma/Advanced Diploma in Game, Graphics or Arts field
- Portfolio* (digital portfolio accepted)
- Applicant Questionnaire
- Resume
- Interview**

*Instructions for submitting the portfolio will be provided to successful applicants during the application process. Please also see Special Requirements below.

** An opportunity to interview will be offered to select applicants only, upon review of the portfolio.

ENGLISH PROFICIENCY

Applicants with international transcripts who do not provide English proficiency test results must test at the College level in the George Brown College English assessment to be considered for admission.

Please visit georgebrown.ca/englishproficiency for more details.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions⁴ page for more information.

SPECIAL REQUIREMENTS**PORTFOLIO REQUIREMENTS**

This program requires a portfolio of at least 15 pieces, built on visual techniques within the modeling and animation areas.

HEALTH POLICY**CONTACT US**

School of Media & Performing Arts⁵

Phone: 416-415-5000, ext. 2015

Email: media@georgebrown.ca

For more information about George Brown College, you may also call the Contact Centre at 416-415-2000 (TTY 1-877-515-5559) or long distance 1-800-265-2002.

VISIT OUR CAMPUS

This program is offered through our School of Media and Performing Arts⁶ and classes take place at our St. James Campus⁷, mainly at 230 Richmond Street East⁸, and 341 King St. East,⁹ Toronto, ON, Canada.

On-campus information sessions are available. Come and have your questions answered. Learn about the program content and career options, meet your friendly professors and staff, and experience what it is like to be in a George Brown College classroom. Sign up¹⁰ for an upcoming session.

Campus tours are offered on a regular basis. Sign up¹¹ today! You can also check out our virtual tour¹².

LINKS REFERENCE

- ¹<https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=G408&lang=en>
- ²<http://www.georgebrown.ca/international/futurestudents/tuitionfees/>
- ³<https://www.sidefx.com/schools/>
- ⁴<http://www.georgebrown.ca/international/futurestudents/howtoapply/>
- ⁵<http://www.georgebrown.ca/performingarts/>
- ⁶<http://www.georgebrown.ca/performingarts/>
- ⁷<http://www.georgebrown.ca/campuses/st-james/>
- ⁸<https://www.google.ca/maps/place/230+Richmond+St+E,+Toronto,+ON+M5A+1P4/@43.6533855,-79.3729994,17z/data=!3m1!4b1!4m5!3m4!1s0x89d4cb37339edba3:0x7645cc33d5469056!8m2!3d43.6533855!4d-79.3708107>
- ⁹<https://www.google.ca/maps/place/341+King+St+E,+Toronto,+ON/@43.6515979,-79.367768,17z/data=!3m1!4b1!4m5!3m4!1s0x89d4cb3bcf7ee889:0x951b91ea09000989!8m2!3d43.6515979!4d-79.3655793>
- ¹⁰<http://www.georgebrown.ca/infosessions/arts-design-information-technology/>
- ¹¹<https://www.eventbrite.ca/e/st-james-campus-tour-registration-35598416823>
- ¹²<http://vt.georgebrown.ca/>

George Brown College is continually striving to improve its programs and their delivery. The information contained in this calendar is subject to change without notice. It should not be viewed as a representation, offer or warranty. Students are responsible for verifying George Brown College admission, graduation, and fee requirements as well as any requirements of outside institutions, industry associations, or other bodies that may award additional designations concurrently with, or after completion of, a George Brown College program.