

**Bow Valley  
College**



**CENTRE FOR  
ENTERTAINMENT ARTS**

# ADVANCED VISUAL EFFECTS (VIRTUAL PRODUCTION)

This two-year, full-time diploma program is perfect for students who are interested in a promising career in VFX. During our six 16-week long terms, you will take 24 custom-designed courses centred on advanced skills in cutting-edge visual effects and virtual production. Areas of instruction include virtual production as well as modelling, sculpting, texturing/surfacing, lighting, compositing, and FX. Our small class sizes (approximately 25 students) will provide you with the opportunity to interact directly with qualified instructors and work closely with your fellow students.



STUDENT ARTWORK: Ranganath V

## TERM 1

- Animation Principles for VFX
- Intro to 3D
- Cinematography for VFX
- Photography for VFX

## TERM 2

- Modelling 1
- Compositing 1
- Data Acquisition
- Pre-Production/Production 1

## TERM 3

- Modelling 2
- Compositing 2
- Lighting 1
- Industry Prep

## TERM 4

- Scripting for VFX
- Matte Painting
- FX 1
- Lighting 2

## TERM 5

- 3D Matchmove
- Compositing 3
- FX 2
- Lighting 3

## TERM 6

- Industry Projects
- 1: Pre-Production
- 2: First Production
- 3: Production
- 4: Presentation & Portfolio

Our program includes interactive classes, hands-on learning, project-based labs plus extra-curricular events and activities.





- +750 YEARS COMBINED INDUSTRY EXPERIENCE**
- +500 FILM, TV, GAME COMBINED CREDITS**
- 5YRS MINIMUM INDIVIDUAL INDUSTRY EXPERIENCE**

CEA prides itself on finding top industry talent to join our team of instructors. The majority of our instructors continue to work in the industry and teach simultaneously.

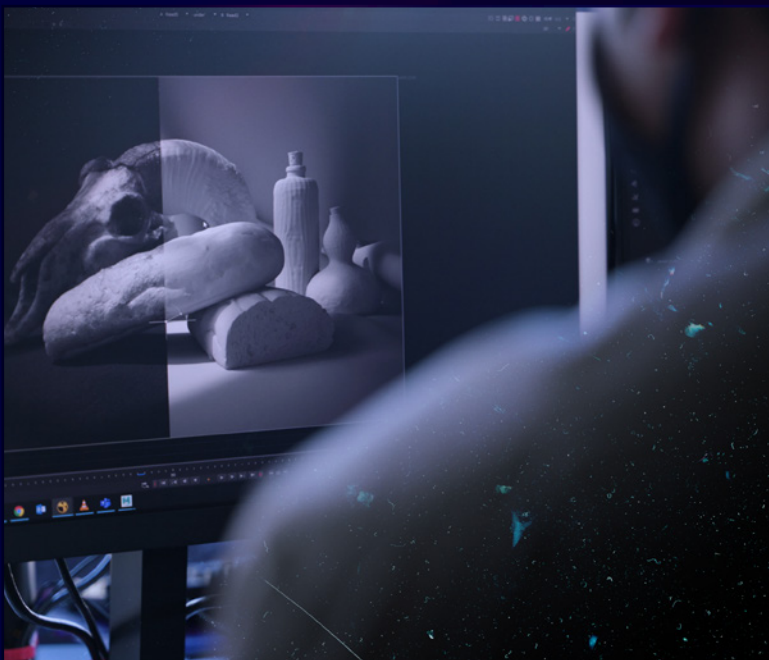
## INDUSTRY STANDARD TOOLS



## STUDENT WORK INITIATIVE

Coordinated employment opportunities with renowned studios gives students real-world work experience before graduation. Students can work part-time up to 20 hours a week while completing their studies.

Due to the unique skillsets developed by CEA students during their programs, industry leaders recognize the talent of our students. The development of these skills and abilities begins with the foundation certificate program.





# ADMISSIONS

Program admissions is open for all three terms (January, May & September). Admissions consist of three considerations:

## TRANSCRIPTS

Applicants must have completed high school - Grade 12 (or equivalent). Programs are open to qualifying students of all ages - including working professionals & mature students. Most recent transcripts and graduation diplomas are required for admission.

## PORTFOLIO

Portfolio submission of approximately 10-20 pieces of artistic work is required for the certificate program. Examples may include photography, sketches, renderings, design variations in digital format. A broad range of techniques, influences, styles, and subject matter are recommended.

## ENGLISH PROFICIENCY

Alberta Education English Language Arts - 50% or higher (ELA 30-1 or ELA 30-2). IELTS - 6.0 with a minimum band of 6.0. Other additional English programs and exams are accepted as recognized by Bow Valley College.

# CALGARY

Calgary is Canada's fourth largest city with 1.4 million metro population. It is located just 60 minutes drive to Canada's famous rocky mountains and national parks.

Calgary is a diverse and welcoming city. Bow Valley College and the Centre for Entertainment Arts have partnered to offer programs aligning with Calgary's well established and rapidly developing creative industries sector. These programs are offered at Bow Valley College's South Campus in the heart of Calgary.

Alberta's entertainment arts industry is one of the fastest growing sectors of the economy and will generate approximately \$400 million CAD in 2021.





# Bow Valley College

Opened in 1965 and now home to students from over 148 countries, Bow Valley College is Alberta's largest comprehensive community college.

There are approximately 18,000 domestic and international students, studying over 45 different programs including business, technology, health, community services and the creative arts.

Bow Valley College is one of Canada's top 50 research colleges. 93% of its programs have work experience and the college has an over 86% graduate employment rate.



## ADDITIONAL INFO

### PROGRAM FEES

The price of program is CAD \$66,996 (international students) and CAD \$37,998 (domestic students) and includes tuition, software licences, dedicated student computers and study materials. It also includes other required costs such as medical coverage, student services fees, student association fees etc. The only additional cost is an application fee of CAD \$140 (international students) and CAD \$75 (domestic students).

### STUDENT LOANS & SCHOLARSHIPS

Bow Valley College Centre for Entertainment Arts programs are approved for Alberta's provincial student loan program (domestic students). In addition, entrance scholarships are available for qualifying CEA students.

### POST GRADUATE WORK PERMIT (PGWP)

The PGWP allows qualifying international students who have graduated from eligible programs to obtain a work permit & gain valuable Canadian work experience. Skilled real-world training gained through the PGWP may help graduates qualify for permanent residence in Canada.



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## STUDENT WORK INITIATIVE 2020-2021

### ADVANCED 3D ANIMATION

#### BARDEL

Alvaro Romero Rodriguez - Jr. Modeller  
Adelina Holish - Jr. Lighter/Compositor

#### MAINFRAME

David John Bartlett - Jr. Animator  
Mansukh Deep Singh - Jr. Animator  
Uha Tadimet, - Jr. Animator  
Viplov Singh - Jr. Animator

#### NETFLIX

Mansukh Deep Singh - Jr. Animator  
Vashu Savani - Jr. Animator

#### WIND SUN SKY

Vihang Umesh Tambde - Generalist, Modeller

#### SCANLINE VFX

Ming (Sidney) Yang - Rigger

#### LATINCOUVER

Nai Qing (Nick) Shen - Motion Graphic Designer

#### HADRON FILMS

Nai Qing (Nick) Shen - Motion Graphics Designer

#### ICON

Sanyam Malhotra - Jr. Rigger

#### SQUIDBRAIN

Jeremia Kenneth Chandra Kusuma - Lead Rigger

### ADVANCED VISUAL EFFECTS

#### BARDEL

Harshid "Harry" - Jr. Lighter/Compositor  
Adarsh Bora - Jr. Lighter/Compositor  
Akshay Venugopal - Jr. Lighter/Compositor  
Cesar Abraham Gonzalez Velasco - Jr. Lighter/Compositor

#### MAINFRAME

Danielle Akemi Shiramizu - Jr. Modeller  
Yafei Ju - Jr. Modeller

#### NETFLIX

Xiaoqing Wang - Jr. Animator  
Angelina Vedernikova - Animator & Modeller  
Monica Fruzzetti Amaro - Jr. Animator

#### WIND SUN SKY

Alexei Venceslau Freire - Compositor

#### ANIMISM

Yafei Ju - Jr. Modeller

#### FISH FLIGHT ENTERTAINMENT

Alexei Venceslau Freire - Jr. Compositor

#### SOLID ALPHA VFX

Gonzalez Velasco - Lighting/Compositor

FOR MORE INFORMATION AND TO APPLY  
VISIT [CEA.BOWVALLEYCOLLEGE.CA](http://CEA.BOWVALLEYCOLLEGE.CA) OR CONTACT:

INTERNATIONAL STUDENTS

[PROGRAMS@THECEA.COM](mailto:PROGRAMS@THECEA.COM)

778-628-3797

DOMESTIC STUDENTS

[INFO@BOWVALLEYCOLLEGE.CA](mailto:INFO@BOWVALLEYCOLLEGE.CA)

403-410-1402