

Guthrie

# 3D Animation



## Bring Ideas To Life

Tell stories, make architectural renditions of homes and buildings, demonstrate oil exploration techniques, show complex medical procedures, develop gaming platforms, and more. Your creativity and imagination come to life through software used in the 3D industry including 3ds Max, ZBrush, and Unreal Engine.

### CLASSES:

- 10th - 3D Modeling AND 3D Animation 1
- 11th - 3D Animation 2
- 12th - 3D Animation Practicum

### CERTIFICATIONS:

Autodesk 3ds Max



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# Agricultural Science



## Learn, Do, Earn, Serve.

Our classes are taught at the Agricultural Science Center so you can witness the practical applications of what you are learning. In addition to studying farming, livestock, and business, Ag Science prepares you for a variety of careers and the opportunity to develop your leadership skills.

Only students in Ag Science classes have the option to join FFA and participate in local, state and national competitions, raise a project for the annual Show and Sale, and apply for scholarships exclusively for FFA members.

### CLASSES:

9th - Principles of Agriculture AND Small Animal/Equine Science  
10th - Livestock Production  
10th - Landscape Design/Turf Grass AND Agribusiness Mgmt  
11th - Floral Design  
11th - Advanced Animal Science AND Veterinary Medical Apps  
12th - Agriculture Practicum

### CERTIFICATIONS:

Equine Management and Evaluation Certification  
Elanco Fundamentals of Animal Science Certification  
Elanco Veterinary Medical Applications Certifications  
Texas State Florist Association Knowledge-Based Exam

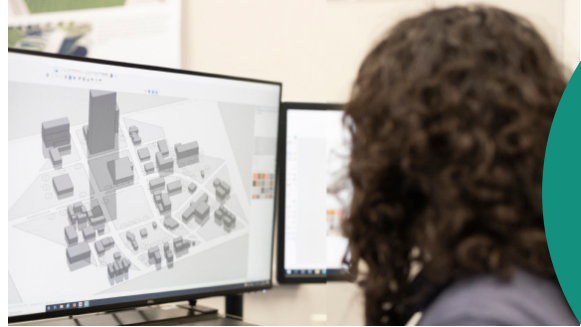


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# Architectural Design



## Dream and Design

Use your critical thinking, creativity, and problem-solving powers to develop your proficiency in architectural sketching, perspectives, and technical drawing. Our industry-standard software includes AutoCAD, Revit, Photoshop, and SketchUp. Enter competitions, earn certifications, and finish the program with a solid portfolio to present for when applying to architecture schools.

### CLASSES:

- 10th - Principles of Arch AND Architectural Design
- 11th - Architectural Design 2
- 12th - Architectural Design Practicum

### CERTIFICATIONS:

- Autodesk AutoCAD Certified User
- Autodesk Revit Certified User

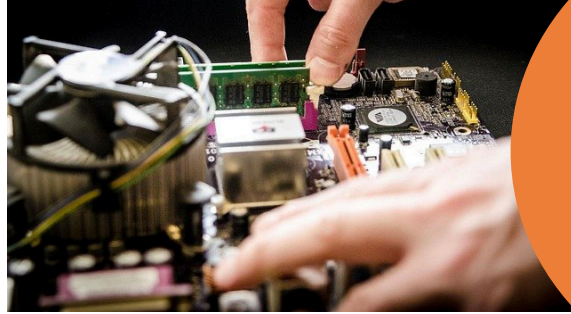
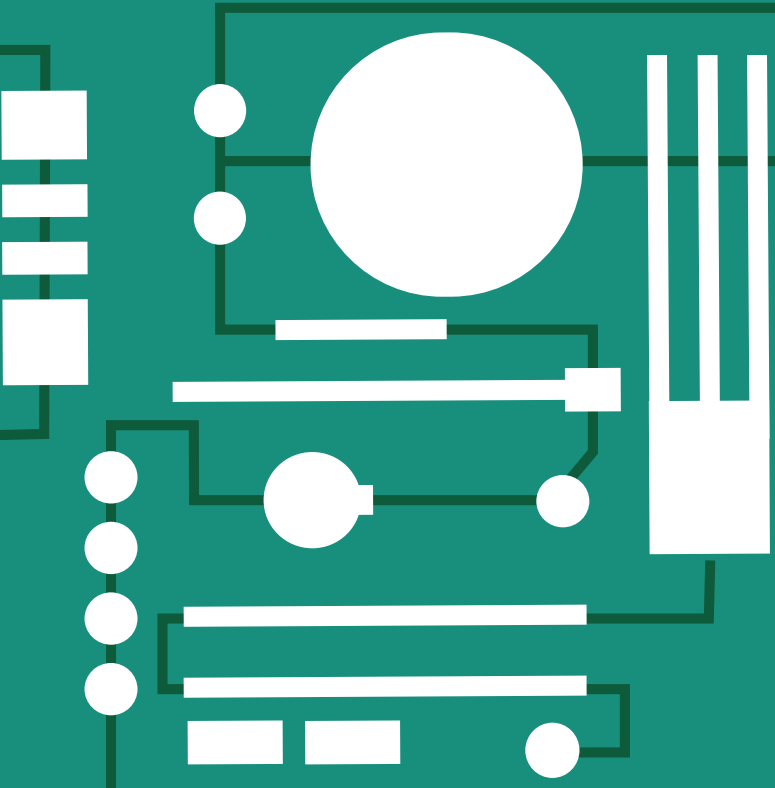


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# Computer Tech



## Say No To Viruses

This is the place to assemble a computer, install operating systems, and troubleshoot problems using system tools and diagnostic software. Computer Tech Practicum students apply skills to diagnose and fix issues and ensure equipment functionality. Computer Techs may also interview and work with our district's IT department staff.

### CLASSES:

10th - Computer Maintenance

11th - Computer Technician Practicum

12th - Computer Tech Practicum (2nd time) or Internships

### CERTIFICATIONS:

CompTIA A+

CompTIA IT Fundamentals

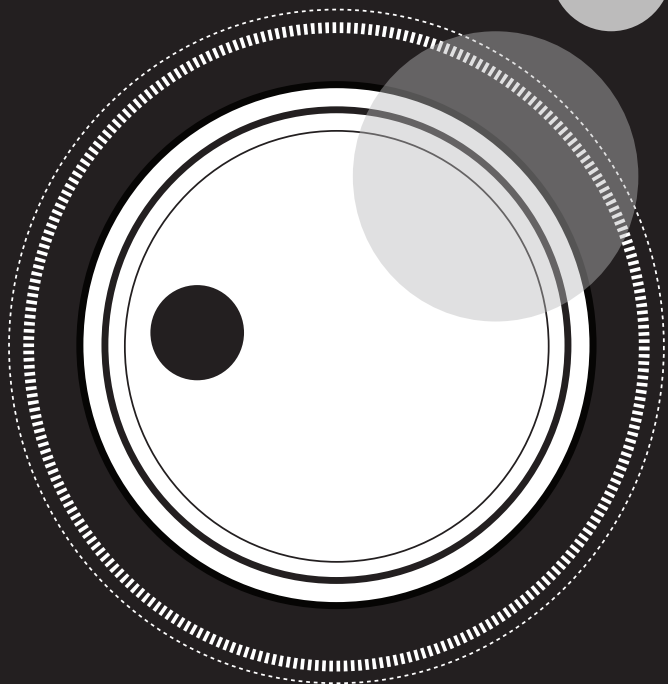


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# Commercial Photography



## Frame and Focus

Discover your artistic voice through the art of persuasion in entertainment, marketing, public relations, and sales. Plan and shoot a series of photographs that impact others, and make the jump from hobbyist to a sophisticated professional artist. Embrace the hands-on training using our professional equipment and software for productions, problem-solving, time management, and artful critiques of others' work. Use your skills immediately to make extra money now.

### CLASSES:

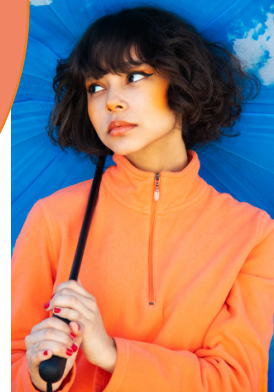
- 10th - Commercial Photography 1
- 11th - Commercial Photography 2
- 12th - Commercial Photography Practicum

### CERTIFICATIONS:

Adobe Certified Professional - Adobe Photoshop



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# Guthrie Cosmetology



## Hair-Raising Adventures

Cut, style, and develop your creativity in our salon environment through the world of hair, nails and skin care. Classes are a blend of hands-on training, digital learning, and guest artists. Learn what you need for successful employment in the cosmetology field. After completing the program and passing the Texas Cosmetology exams, you will earn your Texas license and can immediately enter the workforce.

### CLASSES:

- 10th - Principles of Design AND Intro to Cosmetology
- 11th - Cosmetology 1
- 12th - Cosmetology 2

### CERTIFICATIONS:

Texas Cosmetology Operator License



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# Criminal Justice



## Serve, Protect, Defend.

Prepare for law enforcement and legal careers including police officer, attorney, forensic scientist and crime scene investigator. Become well-versed in state and federal law. If you have a calling to serve others, the ability to keep a cool head under pressure, and a desire to protect others rights and freedoms, we are your program of study.

### CLASSES:

- 10th – Law 1 and Criminal Investigations
- 11th – Law 2 and Forensic Science
- 12th – Practicum in Law

### CERTIFICATION:

IAED Emergency Telecommunicator



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# Guthrie Culinary Arts



## Now You're Cooking

Hone your cooking and baking techniques, understand how flavors and ingredients impact the final product, and master essentials like knife skills, mise en place, and recipe planning and execution. Get your culinary career off to a great start and be ready to excel in all facets of this exciting industry.

### CLASSES:

10th - Culinary Arts 1

11th - Culinary Arts 2

12th - Cafe Operations OR Chef Training Practicum

### CERTIFICATIONS:

ServSafe Food Handler

ServSafe Manager



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# Cybersecurity



## Plugging Holes

Become an ethical hacker so you can protect internet connected hardware, software, and data systems from digital attacks. You will be able to design, build and administer a network, understand the ethics, laws, and operations of cybersecurity, and develop security policies to minimize risks.

### CLASSES:

11th - Cisco Networking

12th - Cybersecurity

### CERTIFICATIONS:

CompTIA Network+

CompTIA Security+



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# Dental Assistant



## Building Smiles

As a dental assistant, you play a crucial role in keeping dental practices running smoothly and smiles healthy. Your duties are usually a combination of clinical tasks like sterilizing and preparing instruments, mixing materials, passing tools, taking X-rays, and administrative duties such as scheduling appointments, and verifying coverage, and filing insurance claims.

### CLASSES:

11th – Health Science Theory and Clinical  
12th – Dental Assistant Practicum

### CERTIFICATIONS:

Certified Clinical Medical Assistant  
Registered Dental Assistant X-Ray Cert



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# Electrician Technician



## High Wage, High Voltage

Get yourself a head start in the field of electrical work. Juniors and seniors take classes taught by an electrician and earn Dual Credit from Houston Community College. By graduation, you can have a Level 1 Commercial Electrical Helper Certificate from Houston Community College. After school the choice is yours: transition to a registered apprenticeship program or go right to work.

### CLASSES (DUAL CREDIT):

11th – Electrical Tech 1 and Project Based Research  
12th – Electrical Tech 2

CERTIFICATION: HCC Level 1 Certificate

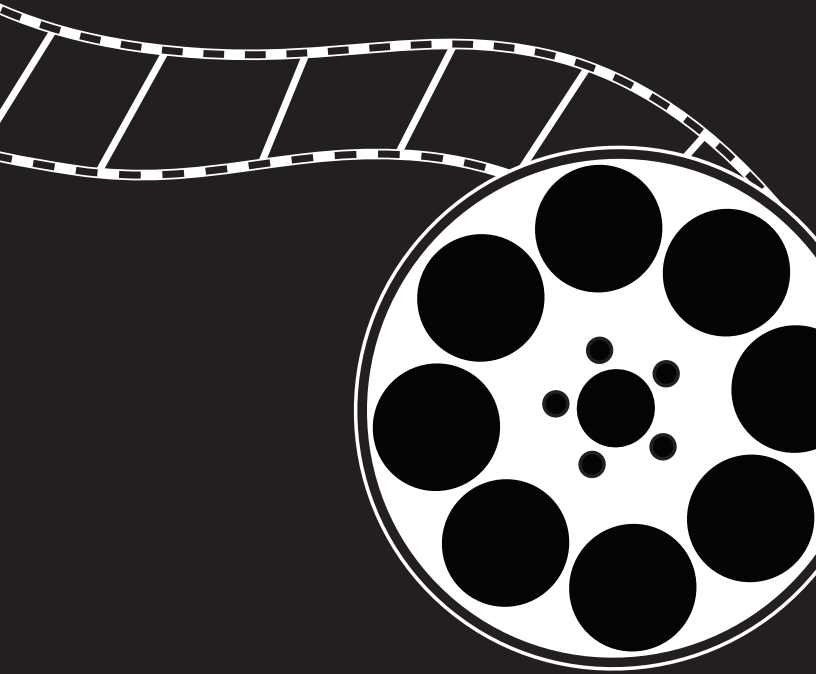


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# Film & Video



## Reel Action

Transform your ideas from a concept to a professional, broadcast-ready film. Write, pitch, direct, edit, and produce public service announcements, documentaries, short films, music videos, podcasting, and TV talk shows. Refine your skills in problem-solving, time management, and teamwork.

### CLASSES:

10th - Film and Video 1

11th - Film and Video 2

12th - Film and Video Practicum

### CERTIFICATIONS:

Adobe Certified Professional - Premiere Pro

Level 1 Certificate from HCC

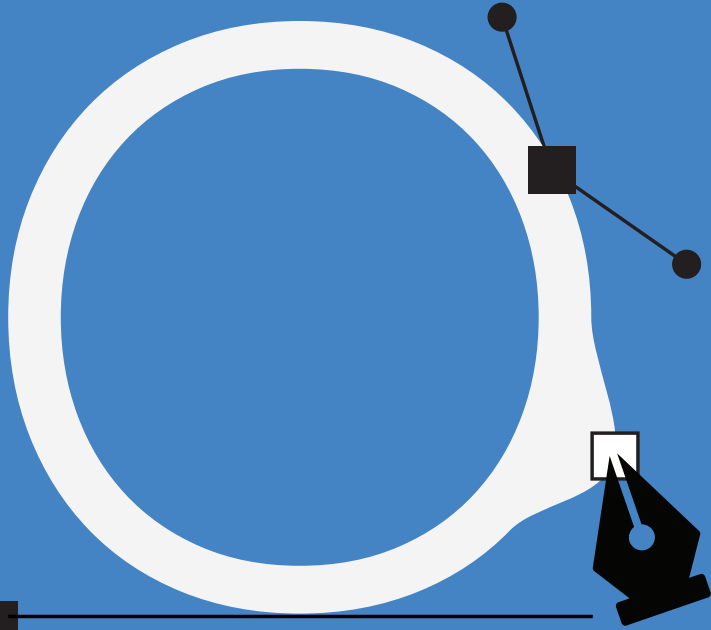


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# Graphic Design



## Design Is Everywhere

Use your creativity and communication skills to manipulate type, image, and space to produce effective communications. Create logos, ads, magazine layouts, websites, apps, motion graphics, and more. Use Adobe Creative Cloud and physical materials to convey your message.

### CLASSES:

- 10th - Graphic Design 1
- 11th - Graphic Design 2
- 12th - Graphic Design Practicum

### CERTIFICATIONS:

- Adobe Certified Professional - Adobe Illustrator
- Adobe Certified Professional - Adobe InDesign



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# Guthrie Internships



## Earning While Learning

As a junior or senior, you can earn money, leave school before lunch, build your resume, create a web-based portfolio, make new career friends, tour businesses, network with business owners, and be treated like a young professional. Internships meets the Level 4 requirements for most Guthrie Programs of Study.

### CLASSES:

Internships 1  
Internships 2

### CERTIFICATION:

ACT WorkKeys



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Guthrie  
NJROTC



## Leader, Scholar, Citizen

Cadets learn to lead and follow to reach their goals, and discover the connection that physical fitness, proper diet, and controlling stress have on performing at your best. Enhance your knowledge of first aid, geography, and survival skills. There is no military obligation but students who enlist will receive a pay grade increase after two years in NJROTC. Have fun at competitions, field meets, visits to naval bases, marksmanship sports training, physical fitness training, and community service activities.

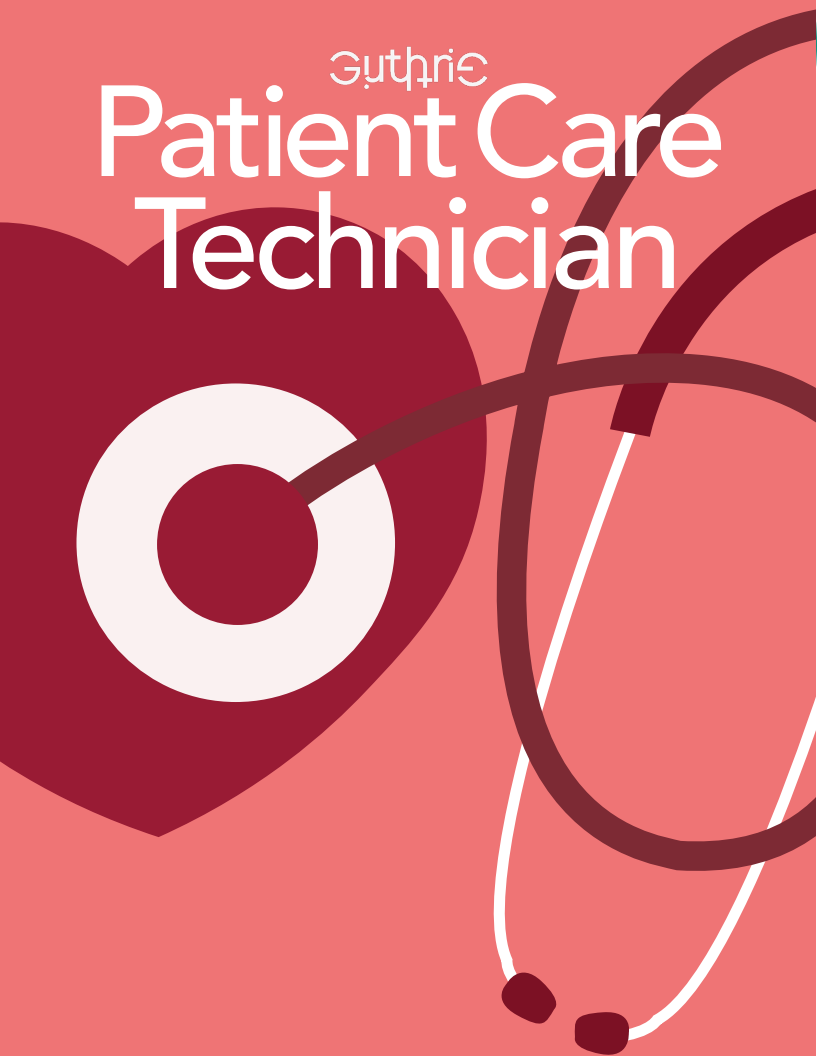
### CLASSES:

Naval Science 1 AND Physical Education  
Naval Science 2 AND Student Leadership  
Naval Science 3  
Naval Science 4



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Patient Care  
Technician



## Helping Others

A Patient Care Technician is a jack-of-all-trades in the medical support field. Patient Care Techs do exactly what the name implies - care of patients in areas including phlebotomy, infection control, electrocardiography, wound treatment, and teaching patients how to care for themselves. PCT's also play a vital role in medical documentation and medication administration.

### CLASSES:

11th - Health Science Theory and Clinical  
12th - Patient Care Technician Practicum

### CERTIFICATIONS:

Certified Clinical Medical Assistant  
Certified Patient Care Technician  
Certified Phlebotomy Technician



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# Pharmacy Tech



## Accuracy Matters

Earn your national Pharmacy Technician certification and immediately enter the field of prescription medicine. This high-demand, technical career can be your destination or your starting point in any area of the healthcare industry.

### CLASSES:

- 11th - Health Science Theory and Clinical
- 12th - Pharmacy Technician Practicum

### CERTIFICATIONS:

- Certified Clinical Medical Assistant
- Certified Pharmacy Technician



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