

The Course Selection Process



Fairfield Ludlowe High School

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Resources for Students/Parents

1. **Program of Studies –Your #1 Resource! Check our homepage!**

This is a hotlink to it!

2. **Student assemblies**
3. **Conversations** with parents, teachers, counselors, curriculum leaders, administrators
4. **Course Selection Night** - materials posted online
5. **Informational website:**
<http://fairfieldschools.org/curriculum-instruction/subjects/>
(Includes: Course descriptions, AP syllabi, AP sample tasks and exemplary student work samples, table of time commitment expectations for each class)

Academic Expectations

Critical & Creative Thinking

How do students demonstrate critical and creative thinking to effectively evaluate evidence and construct solutions?

Communicating & Collaborating

How do students communicate information clearly and effectively in a variety of contexts and work collaboratively to solve problems?

Expectations for each Level

Level 2 (College Preparatory); 2-3 hours/week outside of class time

- Reading material at grade level
- Complexity of the material and work expectation at grade level

Level 1 (Honors); 3-6 hours/week outside of class time

- Reading material above grade level
- Complexity of the material and work expectation above grade level
- Accelerated pace

Level 0 courses (Unleveled); 2-5 hours/week outside of class time

- Reading material at grade level
- Complexity of the material and work expectation at grade level

Advanced Placement (AP); 5-7 hours/week outside of class time

- Equivalent to a freshman college course in a major
- Reading material at the college/university level
- Significant volume of independent work
- Level of synthesis, critical thinking and problem solving significantly above that of a high school course
- Very rapid pace

SCIENCE

SUGGESTED COURSE SEQUENCE

Grade 9	Grades 10, 11 or 12	Grades 11 or 12
<ul style="list-style-type: none">• Biology 21 (L) OR Biology 22 (L) <p><i>Courses in addition to Biology may be taken with permission of the Director of Science (pre- requisites must be met)</i></p>	<ul style="list-style-type: none">• Dangerous Planet (E)*• Cosmos (E)*• Dynamic Environment(E)*• Earth's Waters (E/L)*• Marine Science(E/L)*• Chemistry 31 (P)• Chemistry 32 (P)• Physics 40 (P)• Forensics I: Without a Trace (L/P)*• Forensics II: Fake the Prints (L/P)*• AP Physics 1 (P)• AP Chemistry (P)• AP Environmental Science(E)	<ul style="list-style-type: none">• HAP – Blood, Guts, Senses & Defenses (L)*• HAP – Brains, Bones & Brawn (L)*• Chemistry of Nutrition (P)*• Chemistry of Medicine (P)*• AP Biology (L)• AP Physics 2 (P)

Core Ideas of Science

Disciplinary Core Ideas

Define what students should know about the most essential ideas in the major science disciplines.

Science & Engineering Practices

Skills of practicing scientists and engineers to explain phenomena and solve real world problems

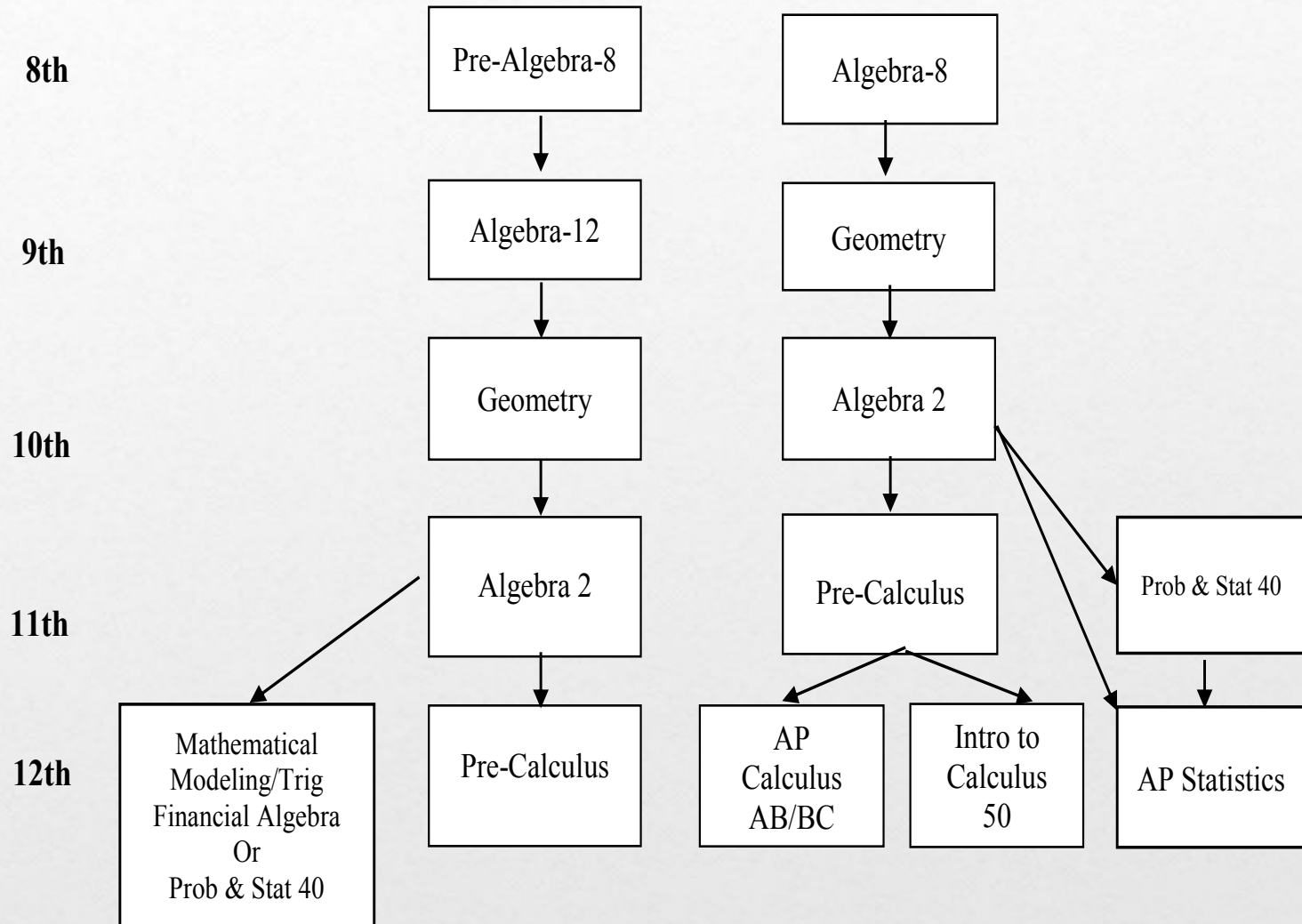
Cross Cutting Concepts

Broad concepts tie together the influence of engineering, technology, and science on society and the natural world.

Academic Expectations

- Critical and Creative Thinking
- Communicating and Collaborating

MATHEMATICS

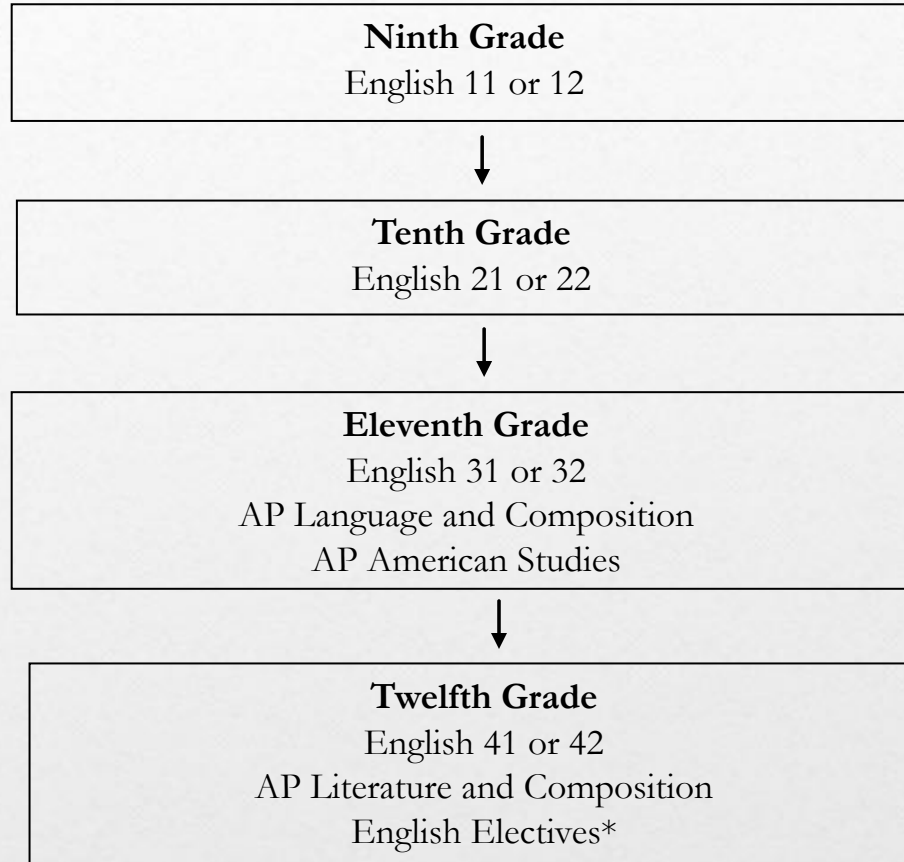


Core Ideas of Mathematics

Standards of Mathematical Practice

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

ENGLISH



*Available to all seniors as the required English courses or in addition to other English courses. If taken as the required English courses, must take one writing and one literature course. All Senior English electives are **Level O**. Also available to juniors in addition to their required full-year course.

Senior English Elective Courses

Two categories: Literature Courses & Writing Courses

Literature	Writing
Contemporary Global Literature	Creative Writing Workshop
Call of the Wild	Poetry
Gender Perspectives in Literature	Satire
The Supernatural in Literature	Film Analysis and Criticism
Dramatic Literature & Performance	Journalism

Core Ideas of English

Critical Reading of Literary Texts

Students actively engage and interact with texts and apply certain processes, models, questions, and theories that result in enhanced clarity and comprehension.

Creative and Analytical Writing

Students write in a variety of modes for distinct purposes and audiences to communicate ideas in response to the world around them.

Academic Discussions - Respond to Opinions and Theories

Students discuss tasks or ideas and question one another, negotiate meaning, clarify their own understanding, and make their ideas comprehensible.

Conventions of Standard English Grammar and Usage

Students demonstrate increasing sophistication in all aspects of language use, from grammar, usage, mechanics, vocabulary and syntax, to the development and organization of ideas.

SOCIAL STUDIES

Three and one-half years of Social Studies is required. The course sequence is described below:

(7 Credit Requirement)

9th

Global Studies

11 or 12

10th

Modern Global Studies

21 or 22

11th

United States History

AP, 31 or 32

AP American Studies

11th

or

12th *

Civics*

Civics – International Relations

Civics – Contemporary Issues

Civics – Youth & the Law

AP Comparative Government and Politics

AP US Government and Politics

11th

or

12th

Elective Courses

AP Comparative Government and Politics

AP Modern European History

AP Psychology

AP US Government and Politics

Contemporary United States History

Economics

Humanities

Psychology

Sociology

*One Civics course is a requirement for graduation

Core Ideas of Social Studies

Disciplinary Concepts (Content Knowledge)

Knowledge of concepts and information from social studies is necessary to promote understanding of our nation and our world, and to foster citizenship.

Social Studies Literacy Skills

Competence in literacy (reading and writing), inquiry, and research skills is necessary to analyze, evaluate, and apply social studies concepts.

Academic Expectations

- Critical and Creative Thinking
- Communicating and Collaborating

World Language

Course Sequence

Language	Level
French	10 – 20 – 30 – 40 – 50 – 60 – AP
Spanish	10 – 20 – 30 – 40 – 50 – 60 – AP
Latin	10 – 20 – 30 – 40 – AP
Italian	10 – 20 – 30 – 40
Mandarin	10 – 20 – 30 – 40

Core Ideas of World Languages

Interpersonal Communication

Learners interact and negotiate meaning in spoken, signed, or written conversations to share information, reactions, feelings and opinions.

Interpretive Communication

Learners understand, interpret and analyze what is heard, read or viewed on a variety of topics.

Presentational Communication

Learners present information, concepts and ideas to inform, explain, persuade, and narrate on a variety of topics using appropriate media and adapting to various audiences of listeners, readers or viewers.

Cultures

Learners use the language to investigate, explain, and reflect on the relationship between the products, practices and perspectives of the cultures studied.

The Process

Get Informed

- Read the **Program Of Studies** and course information posted online, speak with your teachers
- Course Selection Night
- Class meetings – Wednesday, **January 31st**

Important Dates

1. Week of **February 2-8**: Teachers will spend class time discussing department courses and their recommendations, and signing the Course Selection Worksheet
2. Turn your completed, signed Course Selection Worksheet into your school counselor on or before **February 9, 2018**. **Schedule an appointment between February 9-23.**

The Process

3. Discuss and enter your final course selections into Infinite Campus. Your school counselor will provide a printed out copy of your requested courses from Infinite Campus. Enter your final selections into Infinite Campus (with counselor's assistance)

Final Step

Parent Signature

- Sign and obtain your parent's signature on the Final Course Request Form
- Return the form to your school counselor on or before **February 28**

JUNIORS-Also, make an appointment with your counselor for your **junior planning meeting**.

Changing/Dropping Courses

Once schedules are finalized, counselors will make changes for the following reasons **only**:

- An incomplete schedule or insufficient credits
- A course scheduled in error by the school
- Changes needed as the result of courses failed
- Changes needed as the result of summer school work
- Changes needed to meet a particular college or post-secondary program entry requirement.

As always, students with concerns regarding their academic progress should speak to their teacher and school counselor.

Importance of Keeping Schedules Intact

In return for providing students with more opportunity and responsibility to build their schedule— we are asking for commitment to original requests.

- Allows us to provide students and teachers with balanced classes (avoiding large class sizes).
- Avoids disruptive domino effect on changes to other courses/ teachers
- We build the master schedule from student course requests, including course and teacher counts, so it is important to have solid numbers.
- No course changes are considered during first two weeks of school.
- A grade of “W” (Withdrawn) is given to courses students do not attend after the first quarter. Any course dropped in which a student is failing will receive a “WF.” Both of these will appear on the transcript.

Sample Weekly Schedule

			Day 1	Day 2	Day 3	Day 4
1A			US History 31	Pre Calculus 40	US History 31	Pre Calculus 40
1B						
2A			Spanish 51	Marketing	Spanish 51	Marketing
2B						
Lunch	Class	Class	Lunch	Lunch	Lunch	Study Hall
Class	Lunch		AP Physics 1	AP Physics 1	AP Physics 1	
	Class					
4A			AP Language and Composition	Physical Ed 11	AP Language and Composition	Physical Ed 11
4B				Health Grade 11		Health Grade 11

Graduation Requirements for Computer Applications Proficiency

Business

- Computer Information Systems
- Web Design
- Computer Games Design/Programming
- AP Computer Science
- Robotic Programming
- Computing Science Principles

Art

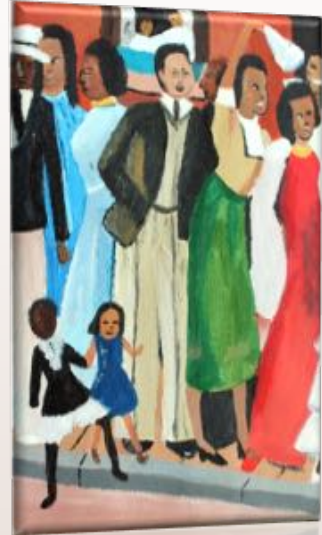
- Digital Illustration and Graphic Design
- Intro, Intermediate, or Advanced Digital Photography

Technology Education

- CAD (all)
- Computer Technology 30 & 40
- Graphic Communications (all)

Music

- Music Technology I or II



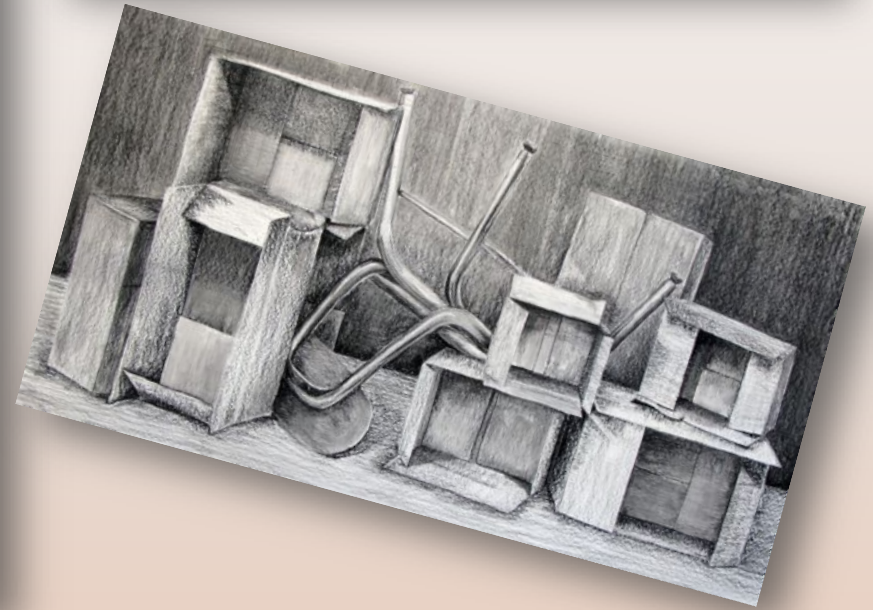
Art Course Selections

Foundations in Art 2-D	Foundations in Art 3-D
<p>Drawing & Painting I & II Intro to Studio</p> <p>Digital or Darkroom Photo Interm./Advan.Photo</p> <p>Digital Illustration & Graphic Design I & II</p> <p>*AP Studio (2D) – 2 periods full year</p>	<p>*Intro to Pottery *Sculpture I Sculpture II</p> <p>**AP Studio (3D) – 2 periods full year</p>

Art Course Sequence Options

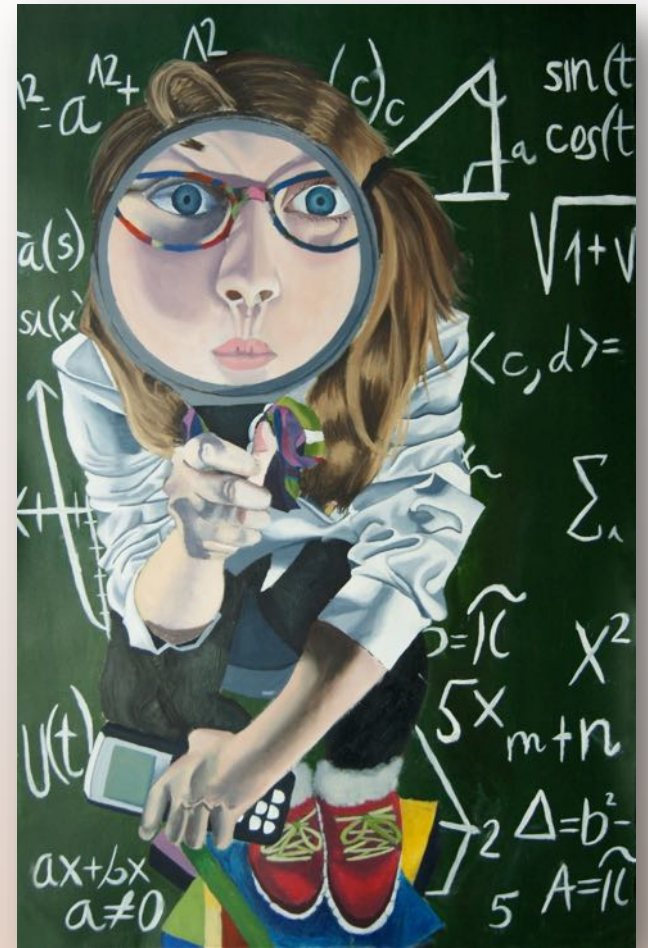
All Electives are 1 Semester Courses





“The Arts are among the ‘six basic academic subjects’. Art is valuable in all areas of study because it engages the imagination, fosters flexible ways of thinking, develops disciplined effort & builds self-confidence.” – *The College Board*





ART MATTERS



Business Education

Do something today that your future self will thank you for.



20 Business Courses Offered!

- Accounting
- Accounting II
- Advanced Advertising
- **AP Computer Science**
- **AP Macro Economics**
- **AP Micro Economics**
- Business Law
- Business Management
- Computer Game Design & Programming
- Computer Information Systems
- Computer Science Principles
- Entrepreneurship
- Financial Literacy
- Introduction to Business
- Introduction to Investing
- Marketing
- Robotic Programming
- Sports & Entertainment
- Web Design

Top 5 College Majors

The Business Department offers courses in 4 out of the 5 top majors in college!

1. Computer Science

2. Communications

3. Government/Political Science

4. Business

5. Economics

Take the risk or
lose the chance.
Invest in your
future,

Take Business.

Family & Consumer Sciences

Culinary		Human Development & Family Studies	Fashion	
Intro to Culinary 10	Regional American Foods		Fashion & Design 10	
Baking & Pastry	Unified Culinary Arts	Child Development 30	Fashion & Design 20	Fashion Merchandising 10
Food Services 20		Early Childhood Education 40	Fashion & Design 30	Fashion Merchandising 20
Food Services 30		Individual & Family Development	Fashion & Design 40	Interior Design
Food Services 40				

Child Development/Early Childhood Education

Child Development 30



Individual and Family Development
3 College Credits – UCONN ECE



Early Childhood Education 40



Possible Career Pathways:

- Pediatrician
- Psychologist
- Teacher
- Speech Pathologist

Fashion and Design



Fashion and Design
10, 20, 30, 40



Possible Career Pathways:

- Retail Buyer or Merchandiser
- Showroom Sales
- Visual Merchandiser
- Store Planning Designer
- Fabric or Clothing Designer
- Trend Forecaster
- Interior Designer



Fashion Merchandising
and Interior Design



Culinary Arts & Food Service



Possible Career Pathways:

- Professional Chef
- Nutritionist
- Food Photographer or Stylist
- Hotel Management
- Food Science & Research

HEALTH - Units of Study Grades 9-12

9th Grade

- ❖ Social Media
 - ❖ CPR
 - ❖ Nutrition
- ❖ Influential factors in decision-making

10th Grade

- ❖ Distracted Driving
- ❖ Influential factors in decision-making

11th Grade

- ❖ Stress Management
- ❖ Human Growth and Development

12th Grade

- ❖ Life After High School

Music



INSTRUMENTAL:

Concert Band

Wind Ensemble

Jazz Ensemble

Concert Orchestra

Symphonic Orchestra

Chamber Orchestra

VOCAL AND CLASSROOM:

Concert Choir

Women's Choir

Chamber Singers

Music Technology I

Music Technology II

Music Theory I

Music Theory II

Beginning Piano/Keyboard

Band Festival



Orchestra



Choir



Media Production: Telling Real and Imagined Visual Stories

Broadcast Journalism

Documentary Production

Movie Production

Video Production

Library Media Department

BROADCAST JOURNALISM

Producing informative stories of interest and importance to the school and local community.



DOCUMENTARY PRODUCTION

Researching and producing stories about real people and events .

MOVIE PRODUCTION

Creating and producing imagined visual stories.



VIDEO PRODUCTION

Exploring the technical side of media production with a focus on camera work, sound and editing.



TECHNOLOGY EDUCATION

- *CAD: Computer Aided Design*
- *Computer Technology*
- *Graphic Communications*
- *Robotics*
- *Transportation/Auto Technology*
- *Wood Manufacturing*

CAD-COMPUTER AIDED DESIGN

A space-themed background featuring a large view of Earth on the left, the Moon in the center, and a bright light source on the right creating a lens flare and illuminating the scene. The text 'Animation' is overlaid in yellow at the bottom.

Animation

Graphic Communications



Wood Manufacturing



THE END!

