

# Riverwatch Middle School

## Career Pathway Planning



**Lambert  
High School**

# Career Pathways – Biotechnology Research & Development

Students explore traditional and emerging healthcare and biotechnology careers.

Topics include history of medicine, current medical events, medical terminology, legal and ethical responsibilities for healthcare/biotech workers, some anatomy, physiology, basic infection control, and human growth & development.

Emphasis on basic laboratory skills along with the business, regulatory, and ethical aspects of biotechnology is included. New paths are anticipated soon.

Introduction to  
Healthcare Science

9<sup>th</sup> – 12<sup>th</sup>

Introduction to  
Biotechnology

Pre-Requisite: Intro  
to Healthcare  
10<sup>th</sup> – 12<sup>th</sup>

Applications of  
Biotechnology

Pre-Requisite: Intro  
to Biotech  
11<sup>th</sup> – 12<sup>th</sup>

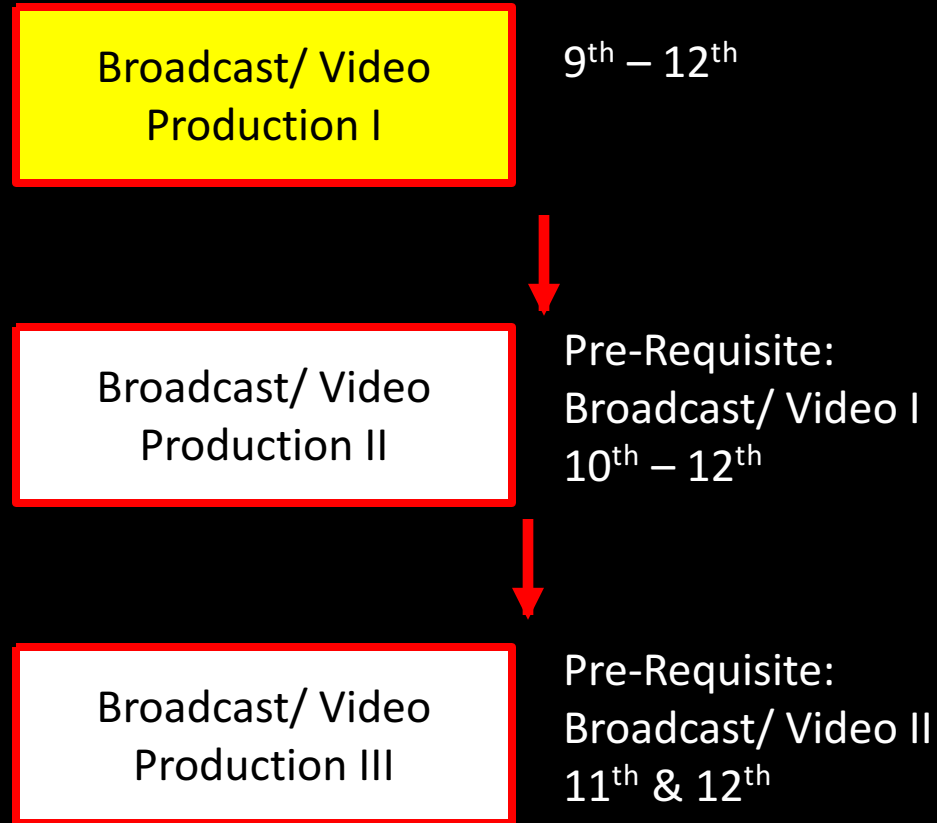
Biotechnology  
internship/  
Independent Research

Pre-Requisite:  
Applications of  
Biotech – 12<sup>th</sup>

# Career Pathways – Broadcast/ Video

This pathway covers basic equipment, script writing, production, lighting, editing, and ethics.

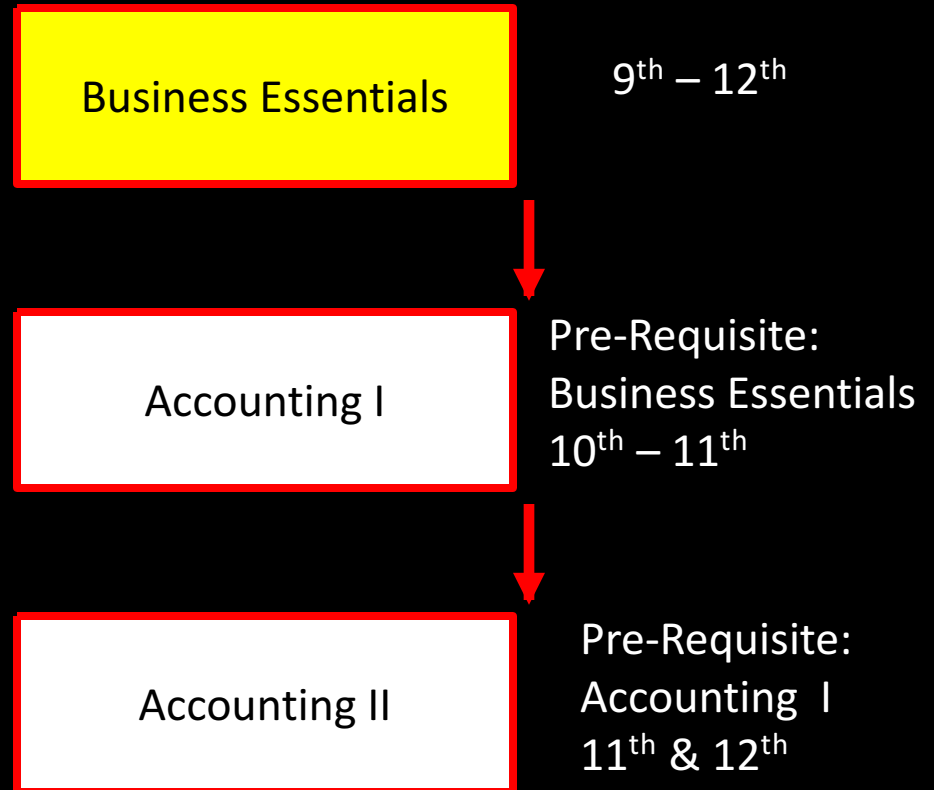
Students can continue with post-secondary training and/ or employment in Broadcast/ Video production.



# Career Pathways – Business (Financial Management)

Accounting is the backbone of all businesses. Accountants are needed in every state and in every city.

Accountants can go on to many careers including actuary, claim examiner, CPA, banking officer, tax preparation, forensic accounting, government auditing, and private business , among others.

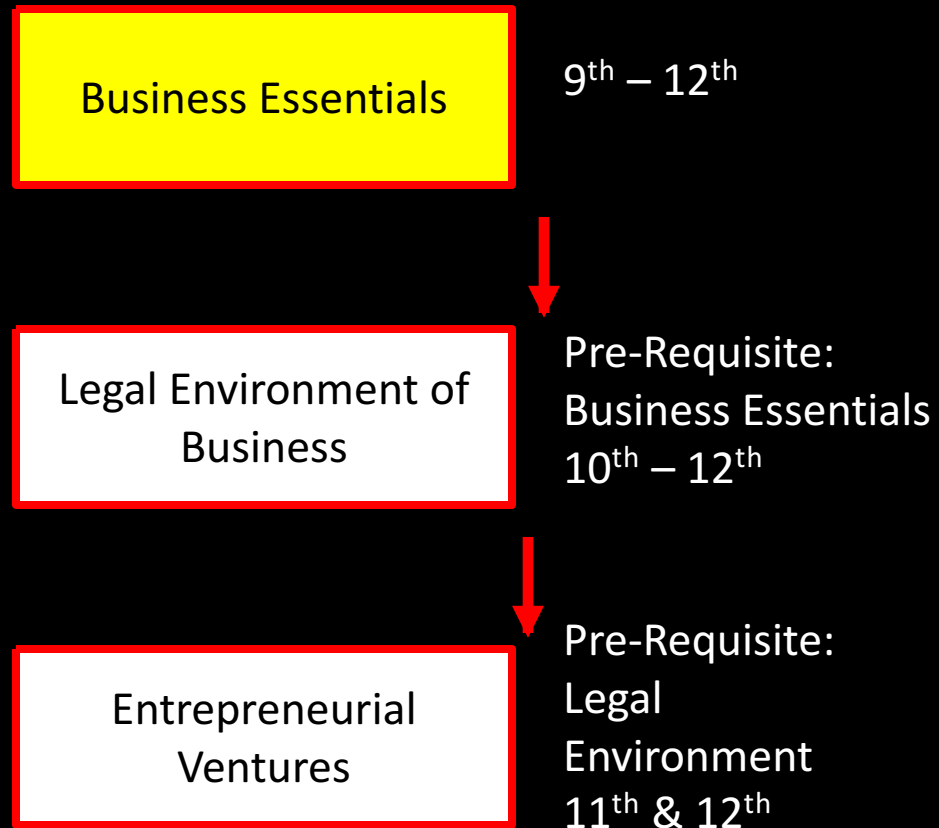


# Career Pathways – Business (Small Business Development)

This pathway covers the many areas of business including business management and ownership, budget and finance, leadership and teamwork, and communication.

Further education can include technical colleges, four year schools, and others that can lead to industry certification.

Careers can include money and office managers, personal finance advisors, financial examiners, insurance, clerks, entrepreneurs, and others.



# Career Pathways – Engineering

Students learn about the history, systems, and processes of invention and innovation.

Post secondary options might include, GA Tech, MIT, Southern Polytechnic, Lanier Technical, or other technical training.

Careers include architect, aerospace engineer, electro-mechanical technician, environmental scientist, industrial chemist, medical equipment technician, nuclear physicist, and multiple repair services to name just a few.

Foundations of  
Engineering and  
Technology

9<sup>th</sup> – 12<sup>th</sup>

Engineering Concepts

Pre-Requisite:  
Foundations of  
Engineering 10<sup>th</sup>

Engineering  
Applications

Pre-Requisite:  
Engineering  
Concepts  
11<sup>th</sup> & 12<sup>th</sup>

Research Design &  
Project Management

Pre-Requisite:  
Engineering  
Applications  
12<sup>th</sup>

# Career Pathways – Interactive Media

Students learn about computers and the web page development process.

Further education may include technical colleges and/ or four-year schools

Businesses and companies in every career field use web designers and managers to make themselves and their products/ services known to the public.

Computing in the  
Modern World

9<sup>th</sup> – 12<sup>th</sup>

Fundamentals of Web  
Design

Pre-Requisite:  
Computing in the  
Modern World  
10<sup>th</sup> – 12<sup>th</sup>

Advanced Web Design

Pre-Requisite:  
Introduction to  
Fundamentals of  
Web Design  
11<sup>th</sup> – 12<sup>th</sup>

# Career Pathways - Marketing

Students can learn marketing concepts and how marketing affects the economy.

Topics include information management, product /service planning and promotion, and personal selling.

Careers include advertising, product management, customer information, market research and analysis, trade shows, and retail.

Marketing Principles

9<sup>th</sup> – 12<sup>th</sup>

Advanced Marketing

Pre-Requisite:  
Marketing  
Principles  
10<sup>th</sup> – 12<sup>th</sup>

Entrepreneurship

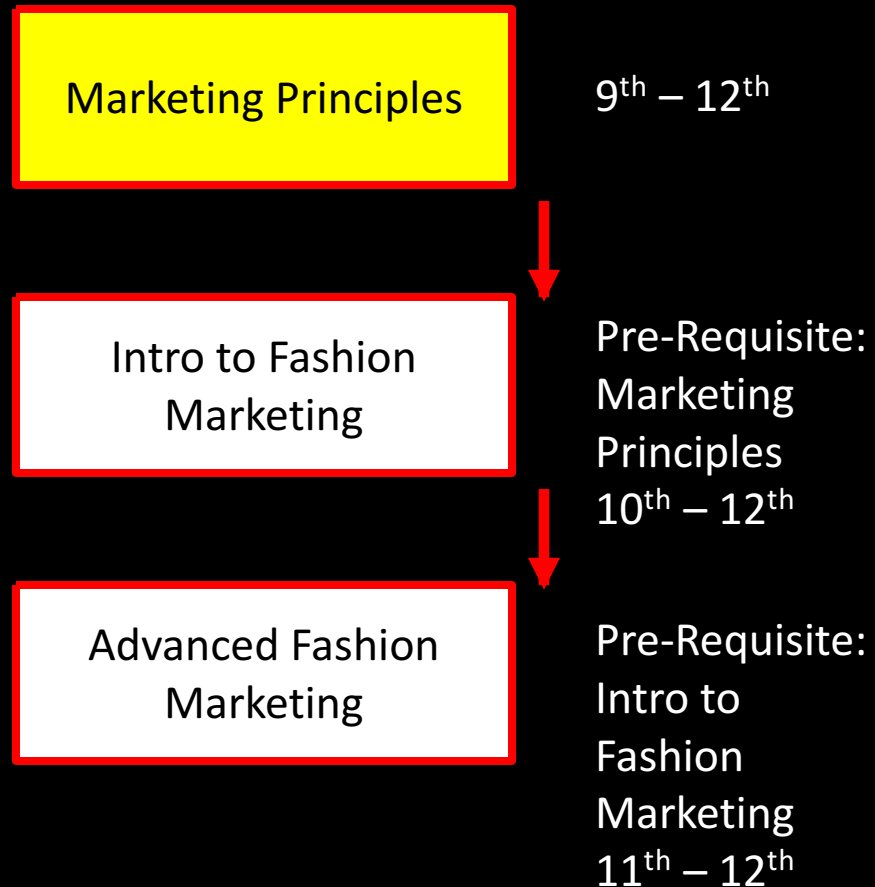
Pre-Requisite:  
Advanced  
Marketing  
10<sup>th</sup> – 12<sup>th</sup>



# Career Pathways – Fashion Marketing

Students can learn basic fashion which includes the history of fashion, garment styles and parts, designing and producing clothing, and fashion promotion.

Career opportunities are wide and varied, including design and production, textile artists, buyers, fashion illustrators, and marketing.



# Career Pathways – Sports Marketing

Sports marketing can be a good field for people who want to combine their love of athletics with business knowledge.

Opportunities can include selling ads and recruiting sponsorships for events ranging from the local high school sports teams to global venues such as the Olympics.

Careers can be in special event planning and brokering corporate event marketing, and / or sponsor created events.

Marketing Principles

9<sup>th</sup> – 12<sup>th</sup>

Introduction to  
Sports Marketing

Pre-Requisite:  
Marketing  
Principles  
10<sup>th</sup> – 12<sup>th</sup>

Advanced Sports  
Marketing

Pre-Requisite:  
Intro to  
Sports  
Marketing  
10<sup>th</sup> – 12<sup>th</sup>

# Career Pathways – World Languages

This pathway provides students with opportunities to develop language skills for living, working, and leading in a global workforce.

French

German

Spanish

# Career Pathways – Fine Arts & Humanities

This pathway offers performance-based courses in several areas.

Many opportunities are available for students to develop and present their talents.

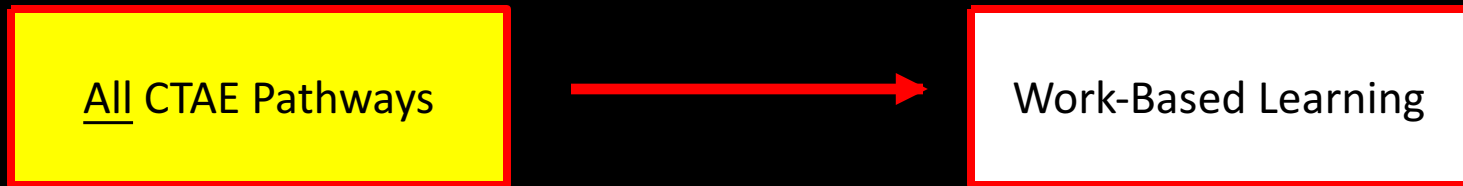
Band

Chorus

Visual Arts

Theatre

# Career Pathways – Work-Based Learning



Students in the CTAE Pathways can participate in Work Based Learning. This allows them to leave school and receive on-the-job training.

Opportunities exist in every field, and students work closely with teachers and employers to get valuable hands-on learning experiences.

Pre-Requisite: Dependent upon the pathway selected.

# Career Pathways – Dual Enrollment with Lanier Tech

Morning classes

Forsyth campus  
CNA (Certified Nursing Assistant)  
PC Repair/ Cisco

Afternoon classes

Forsyth Campus  
Office Accounting Specialist  
Design/ Media production  
Nursery/ Greenhouse Technician  
Turfgrass Management Technician  
Criminal Justice Technician

Dawson campus  
Electrical  
Plumbing  
Welding

Dual Enrollment students must be  
juniors or seniors and have  
transportation to the campus of choice.