

# Programs of Study 2021-2022

Students must complete 3 electives from a single Program of Study (POS) per graduation requirements.

## Academic

### Advanced Placement

AP Art  
AP Biology  
AP Calculus  
AP Chemistry  
AP Literature and Composition  
AP Human Geography  
AP Physics 1  
AP Psychology  
AP US History  
AP Language and Composition  
AP Music Theory  
AP Spanish Language and Composition  
AP Computer Science

### Fine Arts

Concert Choir  
Instrumental Music  
Music Theory  
Art 1, Art 2, Art 3  
AP Art  
Percussion  
Color Guard  
Madrigals  
Theatre Arts 1, Theatre Arts 2  
AP Music Theory  
Women's Ensemble  
Color Guard

### Digital Arts 1

### Math/ Science

Pre-Calculus  
AP Calculus  
Statistics  
Chemistry/Physics  
AP Chemistry  
Environmental Science  
AP Physics 1  
AP Biology  
Anatomy and Physiology

### Humanities

Creative Writing 1  
German 1, 2, 3, 4  
Public Speaking  
AP English Literature  
Spanish 1, 2, 3, 4  
AP Spanish  
Journalism (Yearbook)  
Journalism (Maroon & White)  
AP English Language  
Mythology/Etymology  
French 1, 2, 3,  
Psychology/ AP Psychology  
Contemporary Issues

## Career and Technical Education (23 Programs of Study offered)

### Advanced Manufacturing

Machining Technology:  
Principals of Manufacturing  
Principals of Machining I  
Principals of Machining II (NEState Dual Enroll.)  
Dual Enroll.: NEState Safety in the Workplace  
Dual Enroll.: NEState Quality and Inspection  
Dual Enroll.: NEState Industrial Concepts (ACT req.)  
Ind. Cert.: PMI (Precision Meas. Inst.); OSHA 10 Gen.  
Dual Credit at TCAT Eliz.: PMI Ind. Cert. = 90 hrs

### Welding:

Principals of Manufacturing  
Welding I  
Welding II  
Principles of Pipefitting  
Dual Enroll.: NEState Safety in the Workplace  
Dual Enroll.: NEState Industrial Concepts (ACT req.)  
Ind. Cert.: AWS Cert. Welder; OSHA 10 Manufacturing

### **Architecture & Construction**

Residential & Commercial Construction:  
Fundamentals of Construction  
Residential & Commercial Construction I  
Residential & Commercial Construction II  
Ind. Cert.: NCCER Core; OSHA 10 Construction

### **Arts, A/V Technology & Communication**

Audio/Visual Production:  
A/V Production I  
A/V Production II  
A/V Production III  
AP English Language and Composition  
Dual Enroll.: ETSU Student in University for Eng. & Tech  
Dual Enroll.: ETSU Principles of Digital Animation  
Dual Enroll.: ETSU Principles of Digital Game Design  
Dual Enroll.: King Univ. Intro. to Web Presence & Social  
Media (Evening class one night/week)  
Dual Enroll: NEState Introduction to Entertainment

Digital Arts & Design:  
Digital Arts & Design 1 (Fine Art Graduation Req.)  
Digital Arts & Design 2  
Digital Arts & Design 3  
Dual Enroll.: ETSU Student in University for Eng. & Tech  
Dual Enroll.: ETSU Principles of Digital Animation  
Dual Enroll.: ETSU Principles of Digital Game Design  
Dual Enroll.: King Univ. Photographic Foundations  
(Evening class one night/week)  
Dual Enroll.: King Univ. Intro. to Web Presence & Social  
Media (Evening class one night/week)  
Ind. Cert.: Adobe Certified Associate

### **Business Management & Administration**

Business Management:  
Intro to Business and Marketing  
Business Communications  
Business Management (NE State Dual Credit Test)  
CLEP Test: Principles of Management  
Dual Enroll.: ETSU Using Information Technology  
Dual Enroll.: ETSU Intro. to Business  
Dual Enroll.: ETSU Entrepreneurial Mindset  
Dual Enroll.: NEState Keyboarding/Formatting I  
Dual Enroll.: NEState Business English  
Dual Enroll.: NEState Records Management  
Dual Enroll.: NEState Word Processing I  
Dual Enroll.: NEState Sales and Service  
Dual Enroll: NEState Introduction to Business

Dual Enroll: NEState Entrepreneurship  
Dual Enroll: NEState Intro. To Marketing  
Dual Enroll: NEState Taxes and Licensing  
Dual Enroll: NEState Financing Issues  
Dual Enroll.: King Univ. Intro. to Econ. Prin.  
Dual Enroll.: King Univ. Management Comm.  
Dual Enroll.: King Univ. Management of Info. Sys.  
Dual Enroll.: Tusculum Principles of Management with  
Leadership Studies (6 hours total)

#### **Office Management:**

Computer Applications with Personal Finance  
Business Communications  
Business Management  
CLEP Test: Principles of Management  
CLEP Test: Information Systems  
Dual Enroll.: NEState Computer Applications  
Dual Enroll.: NEState Keyboarding/Formatting I  
Dual Enroll.: NEState Business English  
Dual Enroll.: NEState Records Management  
Dual Enroll.: NEState Word Processing I  
Dual Enroll.: NEState Sales and Service  
Dual Enroll.: ETSU Using Information Technology  
Ind. Cert.: Express Employment Professionals  
Business Office Technology  
Ind. Cert.: Center for Financial Responsibility  
Personal Financial Literacy Certification

### **Education and Training**

Teaching as a Profession (K-12)  
Fundamentals of Education  
Teaching as a Profession I  
Teaching as a Profession II  
Teaching as a Prof. Practicum  
Dual Enroll.: King Univ. Foundations of Education  
Dual Enroll.: King Univ. Intro. To Teaching, K-12  
Dual Enroll: ETSU Found. Professions of Teaching  
Dual Enroll: ETSU Exceptional Learners

### **Government & Public Administration**

Leadership in Government  
JROTC I  
JROTC II  
JROTC III  
JROTC IV  
U.S. Government and Civics  
Success Skills in Service Learning  
Dual Enroll: ETSU Intro to American Government  
Dual Enroll: ETSU Intro to Political Science

Dual Enroll.: King Univ. United States Government  
Dual Enroll.: King Univ. The Future of Citizenship

### **Health Science**

#### Emergency Services

Health Science Education  
Anatomy & Physiology  
Medical Therapeutics (NEState Dual Credit CPR Test)  
Emergency Medical Services  
Clinical Internship  
Dual Enroll.: ETSU Medical Terminology  
Dual Enroll.: ETSU Health Profession Exploration  
Dual Enroll.: NEState Health-Related Professions  
Dual Enroll.: NEState Medical Terminology  
Dual Enroll.: King Univ. Intro. to Healthcare  
Dual Enroll.: King Univ. Medical Terminology  
Ind. Cert.: OSHA10 Healthcare, EMR

#### Nursing Services

Health Science Education  
Anatomy & Physiology  
Medical Therapeutics (NEState Dual Credit CPR Test)  
Nursing Education (CNA--Cert. Nursing Asst.)  
Clinical Internship  
Dual Enroll.: ETSU Medical Terminology  
Dual Enroll.: ETSU Health Profession Exploration  
Dual Enroll.: NEState Health-Related Professions  
Dual Enroll.: NEState Medical Terminology  
Dual Enroll.: King Univ. Intro. to Healthcare  
Dual Enroll.: King Univ. Medical Terminology  
Ind. Cert.: OSHA10 Healthcare; CNA--Cert. Nursing Asst

#### Therapeutic Services

Health Science Education  
Anatomy & Physiology  
Medical Therapeutics (NEState Dual Credit CPR)  
Pharmacological Science (NEState Dual Credit CPR)  
Clinical Internship  
Dual Enroll.: ETSU Medical Terminology  
Dual Enroll.: ETSU Health Profession Exploration  
Dual Enroll.: Intro. to Pharmacy  
Dual Enroll.: NEState Health-Related Professions  
Dual Enroll.: NEState Medical Terminology  
Dual Enroll.: King Univ. Intro. to Healthcare  
Dual Enroll.: King Univ. Medical Terminology  
Ind. Cert.: OSHA10 Healthcare, Pharm. Tech.

#### Sport and Human Performance

Health Science Education  
Anatomy & Physiology  
King Univ. DE Anatomy & Phys. at THS  
Rehabilitation Careers (NEState Dual Credit CPR Test)  
Clinical Internship  
Dual Enroll.: ETSU Medical Terminology  
Dual Enroll.: ETSU Health Profession Exploration  
Dual Enroll.: NEState Medical Terminology  
Dual Enroll.: NEState Health-Related Professions  
Dual Enroll.: King Univ. Intro. to Healthcare  
Dual Enroll.: King Univ. Medical Terminology  
Ind. Cert.: OSHA10 Healthcare

### **Hospitality & Tourism**

#### Culinary Arts:

Culinary Arts 1  
Culinary Arts 2  
Culinary Arts 3  
Ind. Cert.: OSHA10, ServeSafe Food Manager

#### Hospitality and Tourism Management:

Hospitality and Tourism Management I  
Hospitality and Tourism Management II  
Hospitality and Tourism Management III  
Ind. Cert: Southwest Airlines Prof. Communications

### **Human Services**

#### Cosmetology:

Cosmetology 1  
Cosmetology 2  
Cosmetology 3  
Cosmetology 4  
Dual Credit at TCAT Eliz.: 90 hours  
Ind. Cert.: OSHA10 Cosmetology

### **Information Technology**

#### Coding:

Computer Science Foundations  
Coding I (NEState Dual Credit Prog. & Logic Test)  
Mobile App Development  
AP Computer Science  
Dual Enroll.: ETSU Intro to Computer Science  
Dual Enroll.: ETSU Intro to Computer Science  
Dual Enroll: ETSU Using Information Technology  
Dual Enroll: ETSU Principles of Digital Game Design  
Dual Enroll: ETSU Principles of Digital Animation  
Dual Enroll: ETSU Essentials of Web Development

Dual Enroll: ETSU Adventures in Computing  
Dual Enroll.: King Univ. Computer Concepts  
Dual Enroll.: King Univ. Intro. to Programming  
Dual Enroll.: King Univ. Prof. Writing for IT  
Ind. Cert.: Comp. TIA IT Fundamentals

**Cybersecurity:**

Computer Science Foundations  
Cybersecurity I  
AP Computer Science Principles  
Ind. Cert.: Comp. TIA IT Fundamentals

**Networking Systems:**

Computer Science Foundations  
Computer Systems (TOPS online)  
Networking (NEState Dual Credit Networking Test)  
Dual Enroll.: ETSU Intro to Computer Science  
Dual Enroll.: ETSU Intro to Computer Science  
Dual Enroll: ETSU Using Information Technology  
Dual Enroll: ETSU Principles of Digital Game Design  
Dual Enroll: ETSU Principles of Digital Animation  
Dual Enroll: ETSU Essentials of Web Development  
Dual Enroll: ETSU Adventures in Computing  
Dual Enroll.: King Univ. Computer Concepts  
Dual Enroll.: King Univ. Intro. to Programming  
Dual Enroll.: King Univ. Prof. Writing for IT  
Ind. Cert.: Comp. TIA Foundations

**Web Design:**

Computer Science Foundations  
Web Design Foundations (Fine Art Graduation Req.)  
AP Computer Science Principles  
Dual Enroll.: ETSU Intro to Computer Science  
Dual Enroll: ETSU Using Information Technology  
Dual Enroll: ETSU Principles of Digital Game Design  
Dual Enroll: ETSU Principles of Digital Animation  
Dual Enroll: ETSU Essentials of Web Development  
Dual Enroll: ETSU Adventures in Computing  
Dual Enroll.: King Univ. Prof. Writing for IT  
Dual Enroll.: King Univ. Intro. to Web Presence & Social  
Media (Evening class one night/week)  
Ind. Cert.: Comp. TIA Foundations

**Law, Corrections, & Security**

Criminal Justice & Correction Services:  
Criminal Justice I  
Criminal Justice II  
Criminal Justice III: (NE State Dual Credit Test)

Dual Enroll: Tusculum Intro. to Criminal Justice  
Dual Enroll: ETSU Intro to Criminal Justice  
Dual Enroll: ETSU Crime Scene Investigation  
Dual Enroll.: NEState Intro to Criminal Justice (ACT Req.)  
Dual Enroll.: NEState Issues & Ethics (ACT Req.)  
Dual Enroll.: NEState Intro. to Corrections (ACT Req.)  
Dual Enroll.: King Univ. Intro. to Crim. Justice  
Dual Enroll.: King Univ. Criminal Procedure  
Dual Enroll.: King Univ. Criminal Law  
Dual Enroll.: King Univ. Special Topics in Crim. Jus.  
Ind. Cert.: Unarmed Security Guard

**STEM**

**Engineering:**

Principles of Engineering & Technology  
Engineering Design I  
Engineering Design II  
AP Computer Science Principles  
AP Physics  
Dual Enroll.: ETSU Student in University  
Dual Enroll.: ETSU Computer Aided Design/Drafting  
Dual Enroll: NEState Engineering Graphics  
Ind. Cert.: Dremel 3D Printing; Dremel Laser Cutting

**Transportation, Distribution, & Logistics**

**Automotive Maintenance & Light Repair:**

Maintenance & Light Repair 1  
Maintenance & Light Repair 2  
Maintenance & Light Repair 3 (NEState Dual Credit)  
Maintenance & Light Repair 4  
Dual Enroll: NEState Auto Body  
Dual Enroll.: NEState Safety in the Workplace  
Dual Enroll: NeState Quality and Inspection  
Dual Enroll: Industrial Concepts (ACT Req.)  
Ind. Cert.: Automotive Service Excellence  
(ASE) Maint. & Lt. Repair

***\*Work-Based Learning can count as the 3<sup>rd</sup> or 4<sup>th</sup> level of all Programs of Study).***

***Industry Certification opportunity:***

***OSHA10 General Industry  
Southwest Airlines Professional Communications***

***\*\*The WorkKeys Test is taken by all seniors in the Spring semester. Students can earn the National Career Readiness Certificate (NCRC) with a qualifying score. Earning the NCRC will qualify students for Dual Credit (Technology Foundations) at TCAT Elizabethton and Dual Credit at Northeast State.***