

Advanced Academic Programs of Study

The Ranger Elite Program offers up to 57 college credit hours and is designed for students wishing to amass as many credits as possible while in high school through—

- ◆ Advanced Placement (AP) Courses
- ◆ Dual Credit (DC) Courses

In addition, the T-STEM Academy offers the following full pathways:

- ◆ Architectural / Civil Engineering
- ◆ Industrial / Mechanical Engineering
- ◆ Biomedical Science

Coming for the 2017-2018 school year:

- ◆ Computer Science & Programming
- ◆ Socratic Teacher Prep Program

The Career & Technical Trades & Industry programs require a two-year commitment and are open to 11th and 12th grade students only. These courses are taught in three-hour blocks (morning or afternoon) at the Riverside High School campus.

T & I Programs of Study

In **Advanced Architectural Design** students gain advanced knowledge and skills specific to those needed to enter a career in architecture and construction or prepare for a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Advanced Architectural design includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

Grade Level: 11-12 Course #: Z140B Credits: 3

CTE Programs of Study

Riverside High School also offers the following Career & Technical programs:

- ◆ Business and Marketing — Customer Service Certification, Employment and Internship Opportunities
- ◆ Law Enforcement — 911 Certification

Athletics & Fine Arts Programs

Riverside students compete in a wide range of Academic, Athletic and Fine Arts competitions in both UIL and non-UIL areas.

Athletics include:

Baseball	Basketball	Cheerleading
Cross-Country	Football	Golf
ROTC	Soccer	Softball
Swimming	Track	Tennis
Trainers	Volleyball	Wrestling

Fine Arts include:

Art	Band	Choir
Dance	Rangerettes	Flags
Folklorico	Guitar	Jazz Band
Mariachi	Orchestra	Piano
Theater	Tech. Theater	



For more information please contact us at:
 Main: 434-7000
 Attendance: 434-7008
 Counselor: 434-7017
 301 Midway Drive
 El Paso, TX 79915
<http://riversidehigh.yisd.net/>

The Ysleta Independent School District Career and Technical Education Department does not discriminate on the basis of race, color, national origin, sex or handicap in its programs, services, or activities.

Ysleta Independent School District

Riverside High School



It's Where *YOU* Belong!

Riverside is a T-STEM recognized High School and one of eight four-year high schools in the Ysleta Independent School District. It is a traditional public high school serving an area that is predominantly working class. Our students are well-known for their determination, perseverance and tenacity. We are an open enrollment campus accepting students from throughout the El Paso County.

Vision
 Excellence in Education!



Riverside High School Innovation and Leadership Center

Advanced Audio Video Production

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. **Grade Level: 11-12**

Course #: Z120C Credits: 3

Advanced Automotive Technology

Automotive services include advanced knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices.

Grade Level: 11-12 Course#: Z120P Credits: 3

Advanced Collision Repair and Refinishing (Auto Paint Shop)

Collision repair and refinishing services include advanced knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. This course is designed to teach the application of advanced technical skills and practices related to collision repair and refinishing.

Grade Level: 11-12 Course#: Z140P Credits: 3



In Advanced Building Maintenance

Technology, students gain advanced knowledge and skills specific to those needed to enter the work force as a building maintenance technician or supervisor and construction project manager or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, Occupational Safety and Health Administration (OSHA) standards, maintenance of electrical and heating, ventilation, and air conditioning (HVAC) systems, and concepts of historic preservation.

Grade Level: 11-12 Credits: 3 Course #: Z260B

In Advanced Construction Management

students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management includes the knowledge of the design techniques and tools related to the management of architectural and engineering projects. **Grade Level: 11-12**

Course #: Z200B Credits: 3

Advanced Electrical Technology

Students gain advanced knowledge and skills specific to those needed to enter the work force as an electrician or building maintenance technician or supervisor or prepare for a postsecondary degree in construction. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, alternating current and direct current motors, installation of electrical services, and electric lighting installation.

Grade Level: 11-12 Course #: Z280B Credits: 3

Advanced Welding builds on knowledge and skills developed in Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Grade Level: 11-12 Course#: Z100M Credits: 3

Advanced Diesel Technology

This course is designed to provide training for entry-level employment in the small engine technology industry and is taught onsite at the Ryder facility. Engine Technology includes knowledge of the function, diagnosis, and service of the systems and components of all types of small engines such as lawn mowers, motorcycle, and irrigation engines. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems and small engine overhauls. In addition, students will receive instruction in safety, academic, and leadership skills, as well as, career opportunities.

Grade Level: 11-12 Course #: Z160P Credits: 3

Cosmetology students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care and skin care and meet the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination.

Grade Level: 11-12 Course #: Z140J Credits: 3

Practicum in Culinary Arts - This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace.

Grade Level: 11-12

Course #: Z100I

Credits: 3

