

A CHALLENGE

Prepare to succeed

You’ve heard the question a thousand times – “What do you want to do after you graduate?”

If you’re like I was in high school, you really don’t know.

And the good news is, right now, you don’t have to know.

But that doesn’t mean you shouldn’t be thinking about it – exploring careers, discovering your strengths and your interests, learning all you can so you’ll have lots of options, planning and preparing.

And one thing’s for sure – no matter what our hopes and dreams are for the future, we all share a common goal – we all want to succeed at whatever we do.

Helping you succeed – in other words, helping you have the skills and knowledge you need – is the goal of every educator. We all want you to have the life of your dreams.

That’s what this course guide is about – helping you develop a high school plan that ensures success.

On pages 10 & 11 of this guide, you’ll see “schools” of academic focus and clusters of courses. These schools and clusters will help you prepare for success after high school.

Here’s how it works.

- Choose an academic focus and explore courses in that focus. This focus should lead you, your parents and your school counselor to spend more time talking about your goals for life after high school and how to prepare yourself for success.

- We’ve arranged courses by content areas to help you choose courses based on how they fit what you want to do after high school.

- We created staggered start time courses that are first block and start a little earlier than other courses. These courses will allow you to take these courses if they’re not offered at your school, finish earlier and have time to travel back to your home school for second block.

- All career and technology courses except cosmetology are one-block, one-unit courses so they’re easier to fit into your schedule.

- If you’re a freshman, our Ninth Grade Academy will help you move from middle school to high school. The academy includes some year-long courses, and you’ll work with a team of teachers.

Maybe you’ll be a freshman next year and you’re choosing an academic focus. Or maybe you’re an upperclassman who has already chosen an academic focus and you’re trying to choose courses for next year that best fit that focus.

Either way, register for rigorous courses and dedicate yourself to doing your best work.

That way, when someone asks, “What do you want to do after you graduate?” you can say, “I’m not sure, but I’m prepared to succeed.”



Jonathan Phipps
Superintendent

AGRICULTURE

Agricultural Mechanics & Technology

Prerequisite: Agricultural Science & Technology
Grades: 10-11
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You’ll learn about agricultural occupations as you learn more about FFA and how it supports industries.

You’ll get an overview of topics covered in detail in Horticulture and Forestry so you can decide if you want to take any of these courses.

You’ll also study and use the new technology in agricultural fields and do experiments with technology.

Agricultural Science & Technology

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You’ll get a general introduction to agriculture in Agricultural Science.

You’ll study about the FFA, basic plant and livestock enterprises and practices, soils and soil conservation principles, shop safety, and hand and small power tools.

Agriculture, Food & Natural Resources Work-Based Credit

(see Co-op for details)
Prerequisite: Senior enrolled in final level of an occupational program
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You’ll put your Agriculture, Food & Natural Resources course in action as you get on-the-job training. See your guidance counselor and Page 15 sidebar for details.

Forestry

Prerequisite: Agricultural Science & Technology
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

If you’re preparing for a job harvesting timber, you should sign up for Forestry.

You’ll study harvesting practices used to get the tree from the woods to the paper

mill or lumber company. You’ll build skills in the operation of mechanized harvesting equipment and its maintenance.

Horticulture Introduction

Prerequisite: Agricultural Science & Technology (at Andrew Jackson and Buford)
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You’ll study house plants, fruit crops, landscaping and greenhouses.

You’ll learn plant identification, fertilization, soil medium and planting. You’ll also learn to propagate plants for home use and for resale. You’ll study setting up and operating a greenhouse and caring for, preparing and selling plants.

Landscape Technology

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land

You’ll learn to design and draw house plans and horticultural designs for yards.

You’ll study the basics of engineering, drawing and blueprint reading required for an architect to draw plans contractors use to build homes.

You’ll focus on producing construction drawings using a computer and specialized architectural software.

This course is excellent preparation for your education after high school in engineering, architecture, construction, interior design or if you want to know only how to begin planning your dream house.

Nursery, Greenhouse & Garden Center Technology

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Indian Land

You’ll gain knowledge and understanding of the importance of establishing, maintaining and managing “green industry” enterprises.

You’ll have hands-on experiences with propagating, growing, establishing and maintaining nursery plants and greenhouse crops; design-

SCHEDULE CHANGES

When changes should be made

- At the end of this school year, review your choices.
- You need to change your schedule then only if
 - a counselor finds that your selections aren’t appropriate
 - you have failed a course
 - you’ve chosen a course that won’t be offered
 - you don’t meet prerequisites.

What a counselor says

- “You need to realize that wanting to be in classes with friends or with specific teachers or to have certain periods free are not valid reasons to ask to change your schedule. Be sure to talk with your counselor and your parents as you register and choose courses that will help you reach your goals for what you want to do after graduation.”

– Malissa Crawford
Andrew Jackson High Counselor



ing landscapes; preparing designs; participating in personal and community leadership development activities; planning and implementing a relevant school-to work-transition experience; and participating in FFA activities.

You’ll also learn tissue culture, sales analysis and management techniques.

Outdoor Recreation

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Buford

You’ll study in-depth principles involved in outdoor safety, planning outdoor recreational activities, designing parks and special-use areas and outdoor recreational resources on public lands.

Your activities will include studying hunter and boater education, ATV safety, survival and first aid techniques, and personal and community leadership development projects.

Turf & Lawn Management

Prerequisite: Agricultural Science & Technology
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford

You’ll be introduced to the technical knowledge and skills for entry-level positions in the turfgrass industry. You’ll study principles and practices

involved in establishing, managing and maintaining grassed areas for ornamental and/or recreational purposes.

Typical hands-on activities include analyzing problems and developing site plans for golf courses and commercial, church and home lawns; establishing, fertilizing, irrigating, and controlling pests in grassed areas; operating and maintaining machinery and equipment; participating in personal community leadership development activities; planning and implementing a school-to-work transition experience; and participating in FFA activities.

Wildlife Management

Prerequisite: None
Grades: 11-12
Credit: 1 unit
Offered: Buford

You’ll get technical knowledge and skills for entry-level positions in the wildlife conservation and/or management of wildlife enterprises.

You’ll learn basic ecological concepts and study wildlife and fish species, laws and regulations and other skills related to wildlife management.

You’ll also complete a supervised project like ones professionals do.

ARCHITECTURE & CONSTRUCTION

Architectural Design 1

Prerequisite: Mechanical Design 1
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Lancaster

You’ll explore the world of residential architecture and learn how to layout and plan residential structures.

Architectural Design 2

Prerequisite: Architectural Design 1
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Lancaster

You’ll design and construct residential house plans and construct 3-dimensional models to study use and space requirements.

Architecture & Construction Work-Based Credit (see Co-op for details)

Prerequisite: Senior enrolled in final level of an occupational program
Grade: 12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You’ll put your Architecture and Construction courses in action as you get on-the-job training. See your guidance counselor and Page 15 sidebar for details.

Building Construction 1

Prerequisite: None
Grades: 9-11
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You’ll learn basic carpentry

skills including using hand and power tools and proper safety procedures.

You’ll progress to projects like toolboxes, work stools and end tables.

Building Construction 2

Prerequisite: Building Construction 1
Grades: 10-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You’ll learn basic residential carpentry, including how to frame a house and install utilities, as you learn basic steps to complete the rough-in and finish house systems.

You’ll also get a brief overview of HVAC, electrical and plumbing.

You’ll leave the course with basic framing skills and a thorough knowledge of house construction.

Building Construction 3

Prerequisite: Building Construction 2
Grades: 11-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You’ll be provided with an in-depth knowledge of residential construction.

You’ll start with review of safety procedures and cover all home utility systems including electrical and plumbing.

Building Construction 4

Prerequisite: Building Construction 3
Grades: 11-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You'll get an overview of all construction trades and cover job skills and resume building. You'll begin advanced building construction projects and be prepared to co-op your senior year in a desired construction field.

Carpentry 1 - Introduction

Prerequisite: None
Grades: 9-11
Credit: 1 unit
Offered: Lancaster

You'll perform entry-level carpentry tasks supervised by an experienced carpenter. You'll learn to identify and use construction tools and carpentry techniques to construct walls and floors. You'll learn to identify construction materials and receive safety training.

Carpentry 2 - Basic

Prerequisite: Carpentry 1
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll perform entry-level carpentry tasks supervised by an experienced carpenter as you learn to identify and use construction tools. You'll use carpentry techniques to construct walls and floors and roof systems, and receive safety training used in the construction field.

Carpentry 3 - Intermediate

Prerequisite: Carpentry 2
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You'll practice carpentry skills learned in Carpentry 1 and 2 as you construct walls, floors and roof systems. You'll learn about roof coverings and interior and exterior wall finishes.

Carpentry 4 - Advanced

Prerequisite: Carpentry 3
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You'll perform carpentry tasks under minimal supervision by an experienced carpenter as you identify and use construction tools. You'll continue to use carpentry techniques to construct wall, floor, roof and foundation systems. You'll learn about concrete forms, roof coverings, interior and exterior wall finishes, finish carpentry and staircases.

Electricity 1 - Intro to House Wiring

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll learn all major aspects of residential electricity. You'll learn to repair, maintain and install electrical equipment for modern homes and light commercial buildings. You'll study electrical theory as well as background on tools, materials, testing and safety.

Electricity 2 - House Wiring/ Home Technology Integration

Prerequisite: Electricity 1
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll build practical skills for controlling, repairing and maintaining electrical equipment in residential and commercial systems. The course presents electrical theory as well as a background on tools, materials, testing and safety. You'll also learn to install, troubleshoot and maintain cable, which will provide you with a foundation for becoming a cable technician.

Electricity 3 - Concepts & Applications

Prerequisite: Electricity 2
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

If you plan to major in engineering in college, you should take Electricity 3 – Concepts & Applications. You'll get a basic understanding of electricity through both theory and hands-on experiments. A basic knowledge of math will be helpful.

Electricity 4 - Control Wiring

Prerequisite: Electricity 3
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You'll get practical experience in controlling, repairing and maintaining electrical equipment used in industrial systems. You'll learn about programming and maintaining industrial processes with computers as you study electrical theory and learn about tools, materials, testing and safety.

Mechanical Design 1 - Intro to CAD

(Entry-level)
Prerequisite: None
Grades: 9-11
Credit: 1 unit
Offered: Andrew Jackson, Lancaster

You'll be introduced to the world of computer-aided drafting and design. You'll construct two- and three-dimensional drawings.

Mechanical Design 2 - Engineering Graphics Design

Prerequisite: Mechanical Design 1
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Lancaster

You'll be challenged with real world design problems and sketch, layout and construct engineering-type drawings.

experience as you study the major periods of art history.

Art 2

Prerequisite: Art 1 (fee involved)
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

An advanced study of art techniques and subjects awaits you in Art 2. You'll study prehistoric to modern art history as you do complex art projects. You'll also be required to do weekly sketches.

Art 3

Prerequisite: Art 2 (fee involved)
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Lancaster

You'll study in-depth areas and types of art that you work with your teacher to select for study. Then you'll research your topics in the library and plan experiments and projects. You'll do weekly plans and evaluations and display your work for a critique by your teacher and classmates.

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The Steps

Steps for registering

Step 1 Read the course guide carefully, thinking about what your plans after high school are and what your abilities are.

Step 2 Be sure to note what the prerequisites for a course are, the units the course earns and where it is offered.

Step 3 Share the course guide with your parents. Talk to them about the courses you want to take.

Step 4 Prepare for registration by meeting with your counselor.

Step 5 Finalize your choices. When you complete the registration form, you must sign it, and your parents or guardian must sign it. Your signatures indicate that your choices have been made together and are agreed upon.

Step 6 At the end of the school year, review your choices. You should need to change your schedule only if you fail a course, you don't meet prerequisites, you choose a course that will not be offered or a counselor finds that your selections aren't appropriate.

Realize that wanting to be in classes with friends or to have certain periods free or to have certain teachers cannot be considered valid reasons for requesting a schedule change.

Art 4

Prerequisite: Art 3 (fee involved)
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Lancaster

You'll work independently in theme areas such as landscapes, portraits and nature. You'll use what you learn in Art 1, 2 and 3 as you select your materials and complete studio production. You'll also use your text and other resources as guides for art themes and for building your portfolio. You'll study art history, aesthetics, culture, criticism and studio production.

Art - 3-D Design

Prerequisite: Art 1 (fee involved)
Grades: 10-12
Credit: 1 unit
Offered: Indian Land, Lancaster
Fee: \$10 which must be paid in advance

You'll learn design elements and principles that you'll use to create sculptures and pottery. You may get to work extensively with ceramics. You'll do pottery in clay and sculpture in clay, wood, wire, plastic and papier maché. You'll also study famous and historic sculptors.

Ceramics

Prerequisite: Art 1 (LHS only) (fee involved)
Grades: 9-12
Credit: 1 unit or 1/2 unit
Offered: Indian Land, Lancaster
Fee: \$35 which must be paid in advance

You'll learn pinching, coiling, slabbing, wheel-throwing, glazing and other decorative techniques. You'll study types of ceramics with emphasis on craftsmanship, design and originality. You'll also study the history, appreciation and criticism of ceramics. You'll be required to do weekly sketches of projects.

Ceramics 2

Prerequisite: Art 1 (LHS only) (fee involved) Ceramics I (ILHS only)
Grades: 9-12
Credit: 1 unit or 1/2 unit
Offered: Indian Land, Lancaster
Fee: \$35 which must be paid in advance

You'll learn pinching, coiling, slabbing, wheel-throwing, glazing and other decorative techniques. You'll study types of ceramics with emphasis on craftsmanship, design and originality. You'll also study the history, appreciation and criticism of ceramics. You'll be required to do weekly sketches of projects.

Crafts 1

Prerequisite: None (fee involved)
Grades: 9-12
Credit: 1 unit
Offered: Lancaster

You'll learn ceramics, stitchery, basketry, handmade paper, printing and jewelry. Your study will cover types of crafts with emphasis on craftsmanship, design and originality. You'll also study the history, appreciation and criticism of crafts.

Photography 1

Prerequisite: Art 1 (Lancaster only) (fee involved)
Grades: 9-12
Credit: 1/2 unit or 1 unit
Offered: Indian Land, Lancaster

You'll review design principles, learn what to look for

in a good photo and study features of 35mm cameras. You'll make a pin hole camera and learn basic dark-room procedures. You'll also experiment with a box camera that has a lens. You'll learn 35mm black and white photography, dark room procedures, dodging, burning, cropping and collage. Darkroom space limits this course to 20 students so seniors get first priority. You're encouraged to bring your own camera.

Photography 2

Prerequisite: Grade A in Photography 1 (fee involved)
Grade: 12
Credit: 1 unit
Offered: Indian Land (Spring)

You'll be required to buy a DSLR camera to practice technical aspects of photography using manual settings. In this class, you'll create the senior video.

Visual Art 3 Honors

Prerequisite: Completion of 2 semesters of visual arts
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll develop pre-AP skills, techniques and artistic concepts to prepare you for employment or post-secondary opportunities in the arts. You'll be able to build more advanced art skills in preparation for an AP level course.

Visual Art 4 Honors

Prerequisite: Completion of 3 semesters of visual arts
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll develop pre-AP skills, techniques and artistic concepts that will prepare you for employment or post-secondary opportunities in the arts. You'll be able to build more advanced art skills in preparation for an AP level course.

THE ARTS DANCE

Dance 1, 2, 3, 4

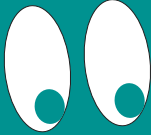
Prerequisite: Successful completion of previous course in sequence
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land (1 & 2 only)

You'll learn to develop a high level of performance skills by exploring the elements of dance, dance techniques and structuralized movement; the development of a physically fit body; and advanced movement techniques, including work with equipment and extensions. Your basic study will address S.C. and national dance standards and include interdisciplinary study with music and/or drama departments.

Dance 3, 4 Honors

Prerequisite: Dance 1, 2
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll develop your techniques to an advanced collegiate level. Additional and more rigorous assignments



Look what you can do with what you learn in

ARTS & A/V

TECHNOLOGY & COMMUNICATION

A's

• Actor • Advertising agent • Announcer/broadcaster • Anthropologist • Archivist • Art/music/dance therapist • Artist

C's

• Cartoonist • Choral director • Choreographer • College faculty member • Columnist • Commercial/graphic artist • Copywriter • Curator

D's & E's

• Dancer • Designer • Director • Dispatcher • Editor

F's, G's & I's

• Fashion coordinator • Fashion designer • Graphic designer • Interior designer • Interpreter

J's, L's & M's

• Journalist • Lawyer • Librarian • Model • Musician/composer

N's & P's

• Newscaster • Photographer • Printer • Producer • Public relations specialist

S's

• Screenwriter • Sculpture • Set designer • Sign painter • Singer

T's & W's

• Teacher • Technical writer • Translator/interpreter • Web page designer • Writer

What a counselor says



"The courses in this academic focus give you a broad background that prepares you for careers that require good problem solvers."

— Brandi Brown
Andrew Jackson High Counselor

will help ensure that dancers are ready for pursuits in dance beyond high school.

THE ARTS DRAMA

Drama 1, 2, 3, 4

Prerequisite: Successful completion of preceding courses in sequence
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

You'll get an in-depth study of theater including acting, technical theater, performance, voice, diction, drama's history and representative plays and playwrights.

Drama 3, 4, 5, 6 Honors

Prerequisite: Completion of Drama 2 with at least a B average
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

You'll incorporate advanced performance and technical aspects of theater in an active class.

You'll have the ability and commitment to pursue a rigorous course of study having the same opportunity as honor students in other fields.

Drama 5: Advanced Production

Prerequisite: Drama 1, teacher approval
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

You'll complete an in-depth study of how to produce a stage show. Topics will range from show selection to creating a working budget and acting.

At semester's end, students will perform a show completely produced by the class and directed by the teacher.

Drama 6: Stage Managing and Directing

Prerequisite: Drama 1, 2, teacher approval
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

You'll study theories of stage managing and directing.

Then you'll apply your knowledge to productions in class as well as for the school.

Theater in Action (After school)

Prerequisite: None
Grades: 11-12
Credit: 1 unit or 1/2 unit
Offered: Buford, Indian Land, Lancaster

You'll receive hands-on experience in all aspects of a theatrical production.

The class isn't just for people interested in stage performance. It's also for anyone interested in set/costume design, backstage production or theatrical dance.

You'll be prepared to competently take part artistically and technically in Lancaster Community Playhouse performances.

You'll also be required to take part in after-school performances during the year.

You must have your own transportation to and from rehearsals and performances.

THE ARTS
Music

Band 1, 2, 3, 4
Prerequisite: One year instrumental experience, teacher recommendation
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

In Band 1, you'll work at an intermediate level and have opportunities to perform.

In Band 2, 3 and 4, you'll work to master exercises, scales and literature in Advanced Band, as you polish performance skills.

Band 3, 4 Honors
Prerequisite: 5 years of band or teacher recommendation or audition
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll be provided opportunities to improve musicianship through challenging and innovative curriculum by going beyond expectations of the standard band course.

You'll challenge yourself to grow as a musician and get honors credit.

Band/Percussion Techniques 1, 2
Prerequisite: Minimum one year band experience or private lesson equivalent required on at least one of the following: piano, snare drum, drum set, bells/xylophone, Orff percussion
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

You'll focus solely on percussion technique and instruction on all instruments in the percussion family, including tuned percussion, Afro-Cuban instruments and drum set.

You'll study in a lab setting, with mastery skills required in each unit of study. Opportunities to perform are available.

Band Percussion Techniques 2 Honors
Prerequisite: 5 years of band or teacher recommendation or audition
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll be provided opportunities to improve musicianship through challenging and innovative curriculum by going beyond expectations of the standard band course.

Your emphasis will be on advanced techniques, theory, small ensembles, region and all-state auditions, solo and

ensemble, composition and the historical progression of percussion and wind band music.

You'll challenge yourself to grow as a musician and get honors credit.

Chorus 1, 2, 3, 4
Prerequisite: Successful completion of previous courses
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

If you're a talented singer or if you just like to make a joyful noise, Chorus is for you.

You'll learn vocal technique, key signatures, note reading and interval discrimination. You'll also study and sing music from each historical musical period.

Requirements include mandatory participation in after-school performances.

Chorus 3, 4 Honors
Prerequisite: 2 years of chorus classes
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll be provided an opportunity for advancement and refinement of musical potential as well as higher-level thinking skills. Emphasis will be placed on refining ensemble performance skills, recognition of musical styles and historical periods, chamber ensemble performance and creative development.

Guitar Lab
Prerequisite: Instructor approval
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

You'll learn basic techniques and chords, melodies and styles.

You must provide your guitar – acoustic or classical and non-amplified.

Music Appreciation
Prerequisite: None
Grades: 9-11
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

If you're excited about performing choral music on stage or learning to play an instrument in band, then this course is for you.

You'll study music theory and music history together.

You'll sing, play small instruments, learn to read and notate music, possibly compose music, listen and analyze music genres, and discover how music relates to other cultures and your future.

You'll explore music's history and how it's changed to fit today's society. Be prepared to move, dance and sing your way into a new world of music.

Musical Theater
Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson

You'll study musical theater history and technique, including representative plays and composers, voice, diction, movement, acting and technical aspects.

A close look at Ninth Grade Academy

Purpose

- To help ninth graders make the transition to high school, increasing the likelihood that they will stay in school and graduate.


The team concept

- A team of teachers will teach a team of ninth graders, allowing the teachers to work together to know students' strengths and weaknesses and to work together to help students improve in areas of weaknesses.

About Ninth Grade Academy

- English, math and science are yearlong to give students and teachers more time to work together.

What a counselor says



"Research shows that easing the transition from middle school to high school pays off in lower dropout rates and greater student achievement, and the ninth grade academy concept is proven to help that transition."

— Jerron Cauthen
Lancaster High Counselor

Musical Theory AP
Prerequisite: Musical Theory & Composition or teacher approval
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

You'll develop the ability to recognize, understand and describe the basic materials and processes of music. The five major skills you'll develop include aural, sight-singing, written, compositional and analytical.

You'll learn music terminology and how to identify these terms both aurally and visually in a score.

Concepts you'll study include intervals, triads, scales, modes, phrase structure, melodic transposition and realization of a figured bass. You'll explore most of the content a first-year music major studies.

Musical Theory & Composition
Prerequisite: Band 2 or comparable music background
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land

You'll study in-depth music fundamentals by ear training and by reading and writing music.

You'll also explore musical analysis and simple rhythmic, melodic and harmonic dictation. You'll learn introductory music composition skills and develop the basic concepts required to compose and arrange music.

Basic music skills are required.

Percussion, Advanced
Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson

You'll focus on percussion technique and instruction on all percussion family instruments, including pitched and non-pitched percussion, Afro-Cuban instruments and drum set.

You'll also learn to read, notate and improvise basic rhythms as well as look at the history and cultures related to percussion instruments.

You'll have opportunities to perform.

Percussion, Beginning
Prerequisite: One year of instrumental experience/private lessons or teacher recommendation
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson

You'll focus on advanced techniques, exercises and literature for all percussion instruments. This class will have an emphasis on performance, and students will be required to participate in the marching band as well as concert band.

You'll have multiple opportunities to perform.

Piano Keyboarding 1, 2
Prerequisite: None (fee involved)
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land
Fee: \$35 which must be paid in advance

You'll use a self-paced piano curriculum, allowing you to move from elementary techniques through advanced.

You'll be pretested to determine where your studies begin. You may take a second course to continue your work.

WHO'S SPECIAL:

We strive to meet all students' needs

Meeting the needs of exceptional students is a goal of the district.

"We provide a variety of services for students with special needs," said Student Services Director Dr. Kathy Durbin.

- **Gifted and Talented** – Students identified as gifted and talented are those who are identified as demonstrating high performance or potential in academic and/or artistic areas and, therefore, require an educational program beyond the program normally provided by the general school program to achieve their potential.

Gifted and high ability students may be served through honors-level pre AP courses, advanced placement courses and special elective courses to meet their unique needs.

- **Disabled** – The district realizes that some students have special needs that require alternatives to the general education program. Therefore, special programs and related services are available for identified students who have disabilities.

If a student qualifies as disabled under the Individuals with Disabilities Education Act (IDEA), an Individual Educational Plan (IEP) is prepared through the combined efforts of administrators, teachers, a school psychologist, parents and other appropriate personnel. The IEP is reviewed at least annually.

Students qualifying as disabled with a 504 plan will have accommodations within the regular education program.

WHY ACADEMY

How Ninth Grade Academy helps

- The Ninth Grade Academy is designed to make the transition to high school easier and
- ◆ includes an orientation for ninth graders on the day before the first day of school to help ease first day jitters and the transition to high school.
- ◆ places students in core (English, math & science) courses to help them build relationships with teachers.
- ◆ creates three-teacher core subject teams so that teachers can better monitor and aid each student’s transition academically and socially to the high school setting.
- ◆ houses the members of each team in adjoining rooms so that students don’t have to move great distances during class changes and to make teaming easier.
- ◆ establishes a strong guidance and mentoring piece for the academy.
- ◆ requires students to complete an Individualized Graduation Plan using career clusters to help students choose courses that better prepare them for life after high school.
- ◆ provides academic assistance for ninth graders who need extra help.
- ◆ includes a ninth-grade success policy to ensure that students master material.

BUSINESS MANAGEMENT, MARKETING & ADMINISTRATION

Administrative Support Technology

Prerequisite: Keyboarding and Computer Applications or Integrated Business Applications
Grades: 11-12
Credit: 1/2 unit or 1 unit
Offered: Lancaster

You’ll learn the major responsibilities and tasks of an administrative support or manager trainee position.

You’ll work to develop technical skills, solve business-oriented problems, manage general office tasks and demonstrate effective supervisory, management and human relations skills. You’ll also be encouraged to take part in school-to-work programs.

Advertising

Prerequisite: Marketing
Grades: 10-12
Credit: 1 unit
Offered: Indian Land, Lancaster

You’ll learn concepts of advertising, planning strategies, communication skills and professional development. You’ll study budget development, media selection, design and preparation of ads for media.

Banking Services

Prerequisite: Business Finance or Personal Finance
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You’ll experience a unique approach to understanding banking services in this course.

You’ll be introduced to banking services and functions, including banking business, banking/finance careers, banking origins and purpose, money and interest, deposits, negotiable instruments, bank loans, mortgages, commercial lending, specialized bank services, bank promotion and security and ethics.

Business Law

Prerequisite: None
Grades: 10-12
Credit: 1 unit or 1/2 unit
Offered: Buford, Indian Land, Lancaster

You’ll study business law fundamentals such as contracts, sales, insurance, crimes, bailments and torts.

You’ll focus on applying law to business and life. You’ll discuss and solve case problems as you learn legal terminology.

You’ll understand how law affects you as a consumer of goods, a user of services and a working member of society.

Business, Management & Administration Work-Based Credit

(see Co-op for details)
Prerequisite: Senior enrolled in final level of occupational program
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll put your Business, Management and Administration courses in action as you get on-the-job training. See your guidance counselor and the Page 15 sidebar for details.

Computer Applications

Prerequisite: None
Grades: 7-8
Credit: 1/2 unit
Offered: All middle schools

You’ll use the microcomputer to learn database, spreadsheet, word processing and graphics software to analyze and solve business problems.

Digital Desktop Publishing

Prerequisite: Keyboarding and/or Computer Applications or Integrated Business Applications
Grades: 9-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You’ll learn to use the computer and graphic software.

You’ll focus on producing business communications and reports, typing special business forms and tables, developing multiple reproduction techniques and refining efficient work habits.

You’ll learn to produce desktop-published copy for reproduction.

Entrepreneurship

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll get a general overview of the American enterprise system with a close look at small business ownership.

An important part of your studies will be developing business and managerial skills for planning, organizing, staffing, directing and controlling a small business.

Business or Trade & Industry students are encouraged to take Entrepreneurship.

Essential Communications

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You’ll learn to communicate in a clear, concise, courteous, complete, correct manner—both personally and professionally.

You’ll develop competency in written, oral, interpersonal, technological and professional communication.

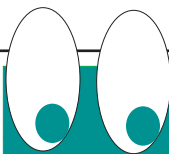
You’ll also study safe and ethical usage practices of information technologies.

Fundamentals of Business Marketing & Finance

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Buford

You’ll pursue successful careers in business, marketing, and finance. You’ll gain a basic understanding of business operations and management concepts.

You’ll learn more about corporate enterprise and its role in a global society. This course will also emphasize personal finance concepts that include developing a budget, managing a checking account, types of savings plans, investments, how to establish and maintain



Look what you can do with what you learn in

BUSINESS MANAGEMENT & INFORMATION SYSTEMS

A’s

• Accountant • Administrative assistant • Auditor

B’s

• Banker • Bank teller/loan officer • Bookkeeper • Building/property manager • Buyer

C’s

• Caterer • City administrator • Computer operator • Controller • Court clerk • Court reporter • Credit manager

D’s, E’s & F’s

• Data processing/database manager • Desktop publisher • Economic development specialist • Entrepreneur • Events planner • Facilities manager • assistant • Financial manager • Franchise manager

G’s, H’s, I’s & M’s

• General manager/executive • Hospital manager • Information clerk • Information systems manager • Insurance claims manager • Management analyst/consultant

O’s, P’s & R’s

• Office manager • Purchasing agent • Real estate agent • Real estate appraiser • Receptionist

S’s & T’s

• Sales manager • Sales representative • Secretary • Stenographer • Stock broker • Technical writer

What a counselor says



“The courses in this academic focus will prepare you for the world of business and help you understand the principles and skills you need.”

– Lisa Cauthen
Buford High Counselor

good credit and consumer rights information.

You’ll get a general business background, as well as, personal finance information needed for you to maintain financial security.

Google Applications

Prerequisite: Business Management
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson

You’ll build on skills beyond the traditional introduction of computer concepts, learning to use emerging applications for productivity, creativity, collaboration and third party add-ons.

You’ll prepare to learn and work in the 21st century through communication and collaboration tools technologies.

You’ll do real world activities, projects and collaborations to strengthen your technology skills in the continually changing online Google community.

Image Editing 1

Prerequisite: Digital Desktop
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land

You’ll gain the knowledge and skills to use digital imaging software to edit and design

images and graphics.

You’ll learn to use technologies related to digital imaging such as basic computer operations, file sharing across networks, digital scanning, digital photography, preparing school publications, including yearbook and/or newspaper.

Image Editing 2

Prerequisite: Image Editing 1
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford

You’ll gain advanced and in-depth knowledge and skills necessary for utilizing digital imaging software to edit and design images and graphics.

You’ll prepare school publications including yearbook and/or newspaper.

Integrated Business Applications

Prerequisite: Keyboarding
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll learn computer concepts related to processing data into useful information needed in business situations. Keyboarding competencies will be addressed in this course.

Continued on next page

You'll use database, spreadsheet, word processing and presentation applications in Microsoft Office 2010. After successfully finishing this course, you'll be prepared for Microsoft Office User Specialist (MOS) certification.

International Business & Marketing

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You'll gain the knowledge and skills you need for entry-level international business operations as well as an understanding of the economic and cultural concepts of domestic and international business.

You'll study climate, time zones, protocol, customs and etiquette of countries and their affect on international business.

You'll learn business greetings and introductions and how they differ around the world. You'll also compose effective business communications based on an understanding of differences in tone, style and format of other countries.

You'll learn about importing, exporting and trade relations, about how differences between political systems affect business operations and about political risks businesses face in other countries.

Keyboarding

Prerequisite: None
Grades: 7-8
Credit: 1/2 unit
Offered: All middle schools

If you're not following the business curriculum strictly but need keyboarding skills for computer-related courses, Keyboarding is for you.

You'll work on computer-similar keyboards or on computers to master skills needed

for entering alphabetic, numeric and symbolic information on the keyboard.

You'll also develop your speed, accuracy and good techniques as you learn to edit and format letters, memos, reports and announcements.

If you plan to be a completer in the business program, you must take Keyboarding.

Marketing

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Indian Land, Lancaster

You'll examine the economic, business and human resource foundations of marketing during this course.

You'll get an overview of the marketing functions of selling, promotion, distribution, risk management, pricing, purchasing, marketing information management, product/service planning and financing. You'll also be encouraged to participate in school-to-work programs.

Marketing Research

Prerequisite: Marketing
Grades: 11-12
Credit: 1 unit
Offered: Indian Land, Lancaster

You'll explore trends, needs and challenges within a given target market.

You'll use research methods and technology to analyze findings and present recommendations.

Professional & Leadership Development

Prerequisite: Membership in one or more career & technology education student organizations: DECA, FBLA, HOSA, FFA & Skills USA
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll develop leadership skills for success in business

careers through effective communications, problem-solving techniques, and managing resources and meetings.

You'll develop an understanding of the need for community service as part of your overall civic and professional responsibilities.

Areas covered include personal awareness, identifying leadership and group dynamics, communication skills, goal setting, managing times and resources, meeting management and parliamentary procedures, citizenship and community service and professional preparation.

Professional Sales

Prerequisite: Marketing
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll study the concepts you need to respond to customer wants and needs through planned, personalized communication to influence purchase decisions, maintain customer relationships, ensure satisfaction and enhance future business opportunities.

You'll learn selling strategies, psychological and social factors influencing buying choices, sales careers and technical integration in selling.

Sports & Entertainment Marketing

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll learn how important sports and entertainment are to our economy. Fans and companies spend billions of dollars each year on sports, and entertainment is one of America's largest exports to the world.

You'll learn basic func-

tions of marketing, including marketing-information management, distribution, financing, pricing, promotion, selling and product-service management.

Web Page Design & Development 1

Prerequisite: Keyboarding (or documented equivalent skills) and Integrated Business Applications
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll be provided with the knowledge and skills needed to design web pages.

You'll also develop skills in designing, implementing and maintaining a web site using authoring tools. Your web pages must meet district guidelines to be published.

Web Page Design & Development 2

Prerequisite: Web Page Design & Development 1
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll get the enhanced knowledge and skills needed to design web pages.

You'll also develop skills in designing, implementing and maintaining a web site using authoring tools. Your web pages must meet district guidelines to be published.

Why Rank

Class rank procedures

Class rank is determined by the student's grade point ratio based on the Uniform Grading Scale. A revised uniform grading scale is in effect for all students.

Three levels of weighting & their definitions

■ College Prep – These courses are designed to prepare students for college, technical school or for the workplace.

■ Honors/Pre AP

– These courses extend and deepen the opportunities provided by courses at the high school level. They are designed for students exhibiting superior abilities in the particular content area. The Pre-AP curriculum places emphasis on critical and analytical thinking, rational decision making, and inductive and deductive reasoning.

– In our district, these courses are designed to prepare students for and culminate in advanced placement courses.

■ Advanced placement – These courses follow the advanced placement curriculum as outlined by the College Board.

■ Dual-credit

– College-level courses are approved for dual-credit by the Board of Trustees. A specific listing of dual-credit courses is on page 3.

– Current State Board guidelines equate dual-credit and AP weighting.

Scale for weighting grades

	College Prep	Honors	AP/Dual Credit
A	4.000-5.000	4.500-5.500	5.000-6.000
B	3.00-3.900	3.500-4.400	4.000-4.900
C	2.000-2.900	2.500-3.400	3.000-3.900
D	1.000-1.900	1.500-2.400	2.000-2.900
E	0.100-0.900	0.600-1.400	1.100-1.900

Notes on courses

■ Pre -AP English program should culminate in English AP.

■ A high school student should take an English course each year.

■ In Grade 12, a student should take English 4, Advanced Composition or English AP.

■ Pre-AP math program should culminate in Calculus AP.

■ All Pre-AP courses must have an approved curriculum and prerequisites that reflect honors level work and adhere to Uniform Grading Scale Guidelines.

Education & Training

Dual Credit Coaches in Training

Prerequisites: None
Grade: 11-12
Credit: 1 unit dual credit
Offered: Lancaster

Same materials as Teacher Cadet but with a coaching slant, meaning the Teacher Cadet has to tutor a student and work with a classroom teacher. The Teacher Cadet will get more insight on the learner, teaching in the classroom, observing and field experience.

Child Development

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll study human growth and development from conception to age six.

You'll learn the physical, emotional and mental tasks this age child should be expected to complete and how these expectations should influence care and guidance.

You'll also observe and work with young children and their parents to give you confidence with children.

Introduction to Early Childhood Education

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson

You'll be introduced to skills required for a career in the care, education and administration of programs for young children.

You'll develop skills in areas such as career paths, developmentally appropriate practices, safe and healthy learning environments and collaborative relationships.

Introduction to Teaching 1

Prerequisite: Child Development
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll be prepared for employment in education.

Topics you'll study include the teaching profession, communication skills, human growth and development, planning and instructional strategies and school-societal relationships.

Introduction to Teaching 2

Prerequisite: Introduction to Teaching 1
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll learn about teaching as a profession through authentic learning experiences.

You'll plan engaging lessons, enhance communication and presentation skills, explore school-societal relationships and exhibit professionalism, with technology integrated during the course.

Teacher Assistant Program (T.A.P.)

Prerequisite: Teacher Cadet & teacher recommendation
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll work one period daily with a supervising teacher or library media specialist.

As you work in a subject area in which you have exceptional strength, you'll engage in beginning curriculum development and research experiences as you help teachers and students and perform clerical and computer tasks.

Dual Credit Teacher Cadet

Prerequisite: 3.0 GPR/accepted application
Grades: 11-12
Credit: 1 unit dual credit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

Fee: You may be required to buy textbook; you must pay appropriate tuition in advance.

If you're a motivated student who wants to learn more about yourself and others, apply for Teacher Cadet.

You'll explore how you, teachers and the school help you learn, and you'll get first-hand teaching experience in an elementary, middle or high school classroom.

WHY TEST

Creating World-Class Graduates

Eleventh graders take two assessments – one a college and career readiness assessment, The ACT, and another, ACT WorkKeys, which measures essential workforce skills.

“The ACT WorkKeys assessment measures ‘real world’ skills that employers believe are critical to job success,” District Testing Coordinator Lynn Ferguson said.

Test questions are based on situations that occur in the everyday work world.

The ACT WorkKeys assessment has three parts.

Three sections

- **Applied Mathematics** –Applying mathematics, critical thinking and problem-solving to work-related problems from making change to measuring the area of a room.
- **Reading for Information** – Reading and using written text like letters, directions, signs, notices, policies and regulations in a job.
- **Locating Information** – Using graphics like charts, graphs and tables to find information.

A score of Level 3 to Level 7 will earn a student one of four National Career Readiness Certificates, which are recognized by more than 1,400 South Carolina employers.

The WorkKeys assessment is tied to the effort to see that all students are “World-Class Graduates.”

ENGINEERING

Introduction to Engineering Design (Project Lead the Way 1)

Prerequisite: Mechanical Design 1 at Lancaster
Grades: 10-12
Credit: 1 unit
Offered: Indian Land, Lancaster

You’ll use computer software and math/physics concepts to produce, analyze and evaluate project models in this first course in the PLW series.

You’ll study form and function design concepts - then use state-of-the-art technology to translate conceptual design into reproducible products.

After this course, you’ll understand how to apply the design process to solve problems in an individual and team setting. You’ll develop portfolios to display your designs and present them properly to peers, instructors and professionals.

Principles of Engineering

(Project Lead the Way 2)
Prerequisite: Industrial Technology 1 at Lancaster
Grades: 10-12
Credit: 1 unit
Offered: Indian Land, Lancaster

In this PLW course, you’ll get an overview of engineering and engineering technology as you develop problem-solving skills by tackling real-world engineering problems.

You’ll learn theory, get hands-on experiences and explore social and psychological consequences of technological changes.

Civil Engineering (Project Lead the Way 3)

Prerequisite: Principles of Engineering 2
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You’ll learn important aspects of building and site design and development.

You’ll apply math, science and standard engineering practices to design both residential and commercial projects and document your work using 3-D design software.

Engineering - Digital Electronics

(Project Lead the Way 3)
Prerequisite : Principles of Engineering (Project Lead the Way 2)
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

In this PLW course, you’ll be introduced to applied digital logic, a key element of careers in engineering and engineering technology.

You’ll explore the circuitry found in watches, calculators, video games and computers.

You’ll also test and analyze digital circuitry, design circuits, and use the computer to generate printed circuit boards as you use math and science to solve real-world engineering problems.

Aerospace Engineering

(Project Lead the Way 4)
Prerequisites : Introduction to Engineering; Principles of Engineering; Digital Electronics or Civil Engineering
Grades: 11-12
Credit: 1 unit
Offered: Indian Land, Lancaster

In this fourth PLW class, you’ll learn about aeronautics and aerospace systems including airfoil design, propulsion systems, aerodynamics, flight controls and rocketry and orbital mechanics.

You’ll also explore life support and environmental systems, microgravity environments, composite material fabrication and testing, and unmanned intelligent vehicles. Successfully completing this course will make you a completer in the engineering program.

PLTW Computer Integrated Manufacturing

Prerequisites: PLTW Intro to Engr Design, PLTW Principles of Engineering
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You’ll learn the methods used to control machines and the impact technology has on the workforce in the 21st century.

You’ll study the principles of manufacturing, manufacturing processes, elements of automation, and integration of manufacturing.

Mechatronics Integrated Technologies 1

Prerequisite:
Grades 10-11
Credit: 1
Offered: Lancaster

You’ll cover the basic safety, tools, precision measurement and basic electrical skills during this course.

- You’ll be prepared to work with your hands as well as yours minds in the *mechatronics* program.
- *Mechatronics* is a new interdisciplinary field involving mechanical, instrumentation, electronics, robotics/automation, computer components and control systems.
- *Mechatronics* is a dynamic field that changes daily with the rapid improvements in technology and computer systems.
- *Mechatronics* is the combination of the terms *mechanical* (*mecha* for mechanisms, i.e., machines that *move*) and *electronics*. The word reflects the basic nature of this field, to integrate

electrical and mechanical systems in a single device.

- *Mechatronics* is the junction where concepts from mechanical engineering, electrical engineering and computer science merge to design, build and operate products.

Mechatronics Integrated Technologies 2

Prerequisite:
Grades 10-11
Credit: 1
Offered: Lancaster

You’ll cover advanced electrical skills, pneumatic and hydraulic systems in this second course.

Mechatronics Integrated Technologies 3

Prerequisite:
Grades 11-12
Credit: 1
Offered: Lancaster

You’ll cover motor and mechanical drives and be introduced to the process automation using programmable logic controllers in this third course.

Mechatronics Integrated Technologies 4

Prerequisite:
Grades 11-12
Credit: 1
Offered: Lancaster

You’ll cover advanced automation control and the integration of robotics in this fourth course.

Our students will...

... be competent in the academic and life skills necessary to enter work or post-secondary education

... communicate effectively
... use current technology effectively
... think critically and creatively

... be self-sufficient, responsible citizens and contributing members of society

OUR MIDDLE SCHOOL COUNSELORS/CAREER SPECIALISTS

A.R. Rucker Middle

416-8555 • Fax– 285-1534
422 Old Dixie Road, Lancaster, SC 29720
Principal Anita Watts



Reshi Clyburn
School Counselor



Allie Teschke
School Counselor

Andrew Jackson Middle

475-6021/283-1970 • Fax– 475-8256
5865 Kershaw-Camden Hwy., Kershaw, SC 29067
Principal Daryl Hinson



Sandi Cox
School Counselor



Susan Hammond
School Counselor



Susan Scott
Career Specialist



Todd Smith
School Counselor

Indian Land Middle

578-2500/286-5300 • Fax– 578-2549
8361 Charlotte Highway, Indian Land, SC 29707
Principal Chris Thorpe



Phedrian Alexander
School Counselor/
Career Specialist



Curwood Dillingham
School Counselor

South Middle

283-8416 • Fax– 283-8417
1551 Billings Dr., Lancaster, SC 29720
Principal Joyce Crimminger



Reggie Partee
School Counselor/
Career Specialist



Dr. Patrice Robinson
School Counselor

ENGLISH

Advanced Composition

Prerequisite: American Literature and British Literature survey courses
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll improve your writing skills as you study the writing process and the importance of transitions, parallelism, diction, clarity and coherence.

You'll concentrate on more advanced composition skills and build sentence skills to improve the effectiveness of your writing.

Creative Writing 1

Prerequisite: None
Grades: 9 -12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land

You'll read and analyze excellent examples of short drama, poetry, short stories, journals and essays as models for your own writing.

You'll then write your own short plays, poems, short stories, journals and essays. The class will analyze, critique and discuss works by established writers and your peers.

You'll complete weekly one-on-one conferences with the instructor, original writing submissions, daily journal entries, written and oral critique of peers' work and assigned textbook exercises.

This course is an elective and cannot count as a required English course.

Creative Writing 2

Prerequisite: Completion of Creative Writing 1 with a C or higher
Grades: 10 -12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land

You'll take the basic writing techniques you've learned and expand on them, refining your own craft.

You'll ultimately contribute to the production of a school-wide literary magazine.

Dual Credit Critical Reading & Composition 101 - USCL (ELA 1, 2, 3)

Prerequisite: At least a B average in college prep courses
Grades: 11-12
Credit: 1 unit/3 hours college credit through USCL
Offered: USCL campus
Fees: You may be required to purchase textbooks or materials

You'll study strategies for critically reading and analyzing literature and non-literary texts; structured, sustained practice in composing expository and analytical essays.

College Preparatory English 1, 2, 3, 4

Prerequisite: Successful completion of preceding course in sequence
Grades: 9-12
Credit: 1 unit each
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll face challenging experiences in reading, writing and speaking.

As you study literature, you'll develop analytical and creative writing skills. You'll also learn vocabulary and test-taking techniques to build standardized test-taking skills.

You'll write frequently with instruction in clarity, organization, purpose and content, and you'll study grammar to improve your writing skills. You may be required to do a research paper.

You'll study literature by theme or by time period, with emphasis on reading and discussing novels, stories, plays, poetry and nonfiction. You'll also have a chance to study multicultural literature.

English 1 Pre AP

Prerequisite: Recommendation based on district criteria
Grade: 8
Credit: 1 ELA unit
Offered: All middle schools

You'll do an in-depth study of grammar, composition and literary genres to give you an introduction to the English Pre AP program.

If you meet district criteria at the end of the course, you'll earn one English credit and be

eligible to enter English 2 Pre AP in the ninth grade.

Pre-AP/Honors English 2, 3, 4 - Pre AP

Prerequisite: District criteria, academic performance, teacher recommendation
Grades: 9-12
Credit: 1 unit each
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

If you're academically talented, Pre AP English will prepare you for AP English in the 12th grade.

The curriculum is advanced and may cover material one year earlier than college prep curriculum does.

You'll study grammar to improve your writing and work on higher-level thinking skills in reading and analyzing major literary works. Your major emphasis will be extensive reading and analysis of literature.

Your writings will include analytical compositions as well as descriptive, expository, narrative and persuasive essays. Summer reading may be required.

Your English 4 unit, depending on the school you attend, may be Advanced Composition or English AP.

English AP - Language & Composition

Prerequisite: English 2 Pre AP
Grade: 11
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll develop writing skills that will be helpful as you write about a variety of subjects across the curriculum. You'll focus on audience and purpose as you craft expository, analytical and argumentative compositions.

You'll learn to use primary and secondary sources as you synthesize ideas in your writing.

If you score a 3 or greater on the AP exam, you may earn college credits.

You will be required to take an introductory course.

English AP - Literature & Composition

Prerequisite: English 3 Pre AP
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll form and defend your own opinions orally and in writing as you study major works of world literature.

You'll work on analytical skills that are tested on the AP exam. Extensive summer reading may be required.

If you score 3 or greater on the AP exam, you may earn 3-6 hours of college credit.

You will be required to take an introductory AP course.

Literacy Ready

Prerequisite : None
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll develop and defend ideas from textbooks and write about them in college-level formats.

Public Speaking

Prerequisite : None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll work to improve your speech and learn to use gestures and visual aids effectively as you practice enunciation and delivery of speeches that you research and write.

You may be asked to enter contests that could result in college scholarships or other recognition.

Dual Credit Rhetoric & Composition 102 - USCL

Prerequisite: At least a B average in college prep courses & ENGL 101 with a grade of "C" or better, or equivalent credit
Grades: 11-12
Credit: 1 unit/3 hours college credit through USCL
Offered: USCL campus
Fees: You may be required to purchase textbooks or materials

You'll study and get intensive practice in researching, analyzing and composing written arguments about academic and public issues.

Why AP AP motivates you to achieve

The advanced placement program of the College Entrance Examination Board offers you an effective way to strengthen the quality of your education.

"The program stimulates students to achieve. It also helps identify a student's academic strengths and encourages continuous student development through school and college," Lancaster High Counselor Rick Hodge said. "The program enables our schools to give the more academically-talented students the chance to advance more swiftly and meaningfully in their studies. It's a challenge more students should accept."

The program consists of academically-accelerated courses that offer college-level instruction in high schools and an exam administered by the College Board to determine a student's mastery of the material.

Scores on the exam can range from one, the lowest, to five, the highest. A score of three or greater on a test may earn a student college credit for the course the exam material covers. Students should check with individual colleges/universities to learn more about their use of AP scores.

"The program is a great way for students to save time and money in college," Hodge said. "We've had students who've entered college as sophomores because of the hours they exempted through the advanced placement program."

Three groups are served by the program – high school students capable of pursuing college-level studies, high schools that want to offer these students the chance to work at an advanced level and colleges that want to encourage and recognize such achievement.

"The program is specifically designed to motivate high school students and teachers to higher achievement. It is also designed to help eliminate the duplication of studies at college," Hodge said.

Descriptions of college-level courses & exam results (based on these courses) are provided to a student's colleges of choice.

Participating colleges, in turn, consider granting appropriate placement and/or credit to a student who has taken the exam and made an acceptable score.

FINANCE

Accounting 1

Prerequisite: Above average math skills
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll develop a knowledge of the complete double entry accounting process and a general business vocabulary.

You'll learn to set up books and keep records for a business.

You'll learn procedures and concepts for posting, processing and analyzing financial data.

Accounting 2 with Computer Application

Prerequisite: Accounting 1
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

Your studies will emphasize advanced accounting principles, including an introduction to automated data processing, payroll systems and accounting systems for partnerships and corporations.

Business Finance

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land

You'll be introduced to basic financial literacy skills including budgeting, obtaining credit, maintaining business checking accounts, analyzing basic elements of finance, computing payroll, recording business transactions and applying computer operations to financial management.

Personal Finance

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson , Indian Land, Lancaster

You'll be introduced to basic financial literacy skills including budgeting, obtaining credit, maintaining checking accounts, analyzing basic elements of finance and applying computer operations to personal financial management.

Nominate a great teacher for a Celebrate Great Teaching Award

Deadline End of first semester

GENERAL ELECTIVES

Botany

Prerequisite: Biology 1
Grade: 11
Credit: 1 unit
Offered: Lancaster

You'll study fungi, algae, lichens, mosses, ferns, conifers and flowering plants. You'll learn how genetic information in DNA controls plant development and how plants grow in different conditions.

Public health and environmental protection professionals need to understand plant science to help them solve pollution problems.

Comprehensive Health Education

Prerequisite: None
Grades: 10-12
Credit: 1/2 unit or 1 unit
Offered: Indian Land, Lancaster

You'll cover all S.C. requirements for health-related areas: personal, dental, human growth and development, consumer, reproductive, sexually transmitted diseases including AIDS, pregnancy prevention, disease and disorder prevention and control, safety and accident prevention, mental and emotional health, substance use and abuse, nutritional health, sexual harassment issues, CPR and environmental and community health.

Driver Education

Prerequisite: Must be 15 & have driver's permit by 15th day of class
Grades: 10-12
Credit: 1/2 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster
Fee: \$50 (subject to increase as fuel costs change) fee involved paid in advance

Through textbooks, films, simulation and wheel experience in a dual-controlled car, you'll gain the knowledge, skills and attitude to be a competent and safe driver.

Enrollment is limited, and attendance is very important to meet course requirements.

Ninety minutes of class time is equivalent to two hours of instructional time.

English for Speakers of Other Languages

Prerequisite: Standardized test scores, grades, teacher recommendation
Grades: 9-12
Credit: 1 unit
Offered: Indian Land, Lancaster

If English isn't your first language, you may be placed in this course.

You'll work on improving your conversational English as well as developing skills and school vocabulary to help you in other classes.

High School 101

Prerequisite: None
Grade: 9
Credit: 1 unit
Offered: Lancaster

You'll find High School 101 very helpful as you make the transition to high school.

The course includes topics such as conflict management, careers, service learning and study skills. It also includes comprehensive health topics required for graduation.

High School Writing 101

Prerequisite: English 1
Grades: 10-11
Credit: 1 unit
Offered: Lancaster

You'll be immersed in sound writing structures in a writer's workshop format.

You'll focus on skills necessary for sound writing in all curriculum areas including English language arts, social studies, science and math.

Dual Credit Introduction to Philosophy 102 - USCL

Prerequisite: At least a B average in college prep courses
Grades: 11-12
Credit: 1 unit/3 hours college credit through USCL
Offered: USCL campus
Fees: You may be required to purchase textbooks or materials

You'll be introduced to the main problems of philosophy and its methods of inquiry, analysis and criticism.

You'll read and discuss important philosophers' works.

Jobs for America's Graduates (JAG)

Grades 9-12
Credit: 1 unit per level
Prerequisite: None
Offered: Lancaster

You'll be prepared for the world of work through JAG.

You'll get an understanding of the components of making informed career choices.

You'll recognize that a successful career involves continued examination of your goals.

- You'll also learn to
- identify your interests, skills and values
 - build skills to research and acquire a job
 - build skills for decision-making and goal-setting
 - use information, resources and tools to identify your strengths and weaknesses
 - develop strong study habits for school and the real world
 - analyze internal and external obstacles that prevent academic success

- practice accepting responsibility for your decisions and your behavior.

Multicultural Studies

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll learn to see yourself and others in a new way.

You'll be introduced to cultures of the world to explore differences and commonalities while focusing on the importance of appreciating, accepting and tolerating people from other areas.

Dual Credit Political Science 201 - USCL Controversies in World Politics - USCL

Prerequisite: At least a B average in college prep courses
Grades: 11-12
Credit: 1 unit/3 hours college credit through USCL
Offered: Andrew Jackson, Buford, Indian Land, Lancaster
Fees: You may be required to purchase textbooks or materials

You'll explore principal forces and factors influencing world affairs, with emphasis on the United States' role in resources, food, arms control, human rights, the environment, rich and poor countries, immigration and refugees.

You must complete USCL admission requirements, pay appropriate fees and purchase required materials.

You'll attend classes with a class facilitator at your school while your professor teaches by distance education from another site.

You and your parents should attend an USCL orientation as part of registration.

This course will not count as the required government unit.

Dual Credit Public Communication 140 - USCL

Prerequisite: At least a B average in college prep courses
Grades: 11-12
Credit: 1 unit/3 hours college credit through USCL
Offered: USCL campus
Fees: You may be required to purchase textbooks or materials

You'll be introduced to theory and practice of oral communication in public, social and institutional contexts.

Your study will include foundational and cumulative training in the invention, performance, and critical analysis of oral communication, with emphasis on argumentation,

persuasion, audience analysis, delivery, and ethical form of engagement.

SAT Prep - Verbal/Math

Prerequisite: English I and Algebra 1 recommended
Grades: 10-12
Credit: 1/2 unit or 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster
Fees: Textbook must be paid for in advance at Lancaster and Indian Land

You'll build confidence and prepare for the SAT or the ACT.

A series of context-related vocabulary lessons and word-attack skills is integrated with SAT verbal practice lessons.

You'll also develop strategies for language use through critical thinking and reading comprehension techniques and strategies for solving math problems in algebra and geometry.

Problem-solving activities are designed to improve SAT/ACT scores.

Service Learning

(Volunteer class)
Prerequisite: None
Grades: 9-12
Credit: 1/2 or 1 unit
Offered: Lancaster

You'll earn high school credit as you help your community.

You'll attend class meetings and volunteer in the community to learn more about yourself and careers in volunteer service.

Survey of Plants & Animals

Prerequisites: Biology 1, Chemistry 1
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You'll begin with Kingdom Animalia and study representatives of invertebrates through vertebrates.

You'll also study the Plant Kingdom, learn botany basics and use a dichotomous key.

Dual Credit The American Criminal Justice System 101 - USCL

Prerequisite: At least a B average in college prep courses
Grades: 11-12
Credit: 1 unit/3 hours college credit through USCL
Offered: USCL campus
Fees: You may be required to purchase textbooks or materials

You'll survey crime and societal responses to crime, including law enforcement, courts, corrections and the juvenile justice system.



STEM Premier will be beneficial to our students because it engages and inspires our students in three categories: 1) builds the future workforce; 2) targets curriculum and training partnerships



Daphne Lathan
Business Education Teacher
Indian Land High

to give students the skills they need most; and 3) offers advancement career opportunities.

I think that STEM Premier program is very useful. This site will help promote me to different colleges that could possibly be interested in me and my skills. This is a very beneficial program.

Reshia Ingram
Buford High senior



STEM Premier offers a new way for students and colleges to connect with one another and offer the best opportunities possible. It allows a student to stand out and deviate from the drudgery of normal college-acceptance traditions.

Joseph Parsons
Indian Land High senior



I'll use STEM Premier for college exploration and applications. I like it because it's organized, helpful and lets me keep my information updated.

Shamonya Jackson
Lancaster High senior



OUR HIGH SCHOOL COUNSELORS

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Director



Jerron Cauthen
School Counselor



Rick Hodge
School Counselor



Charmaine Johnson
School Counselor



Sarah Jordan
School Counselor

I feel like this is a great way for students to showcase their achievements to colleges. I think this is a more detailed profile than an IGP and will let colleges know more about students.

Bailey Dingler
Buford High junior



WHY DUAL CREDIT

Get a jump on college credit

How do you get ahead of other college freshmen in line for parking spaces or used textbooks?

Take courses that earn you college credit as well as earn the units you need to graduate.

And earning college credits while you're in high school will make a big difference in the lines college freshmen usually face – and in your academics!

You can take dual-credit courses either on your high school's campus through closed circuit TV or by attending classes on USCL's campus.

Your grades in these courses count on your high school transcript and your college transcript.

Dual-credit courses through closed-circuit TV

You can sign up for distance education courses taught by USCL professors and broadcast to each of our four high schools through closed circuit TV.

A total of six courses – 18 hours of college credit – are rotated over a period of three years, with two of the six courses taught each year.

You're in a classroom during the school-day at your school with the other students in your school who are taking the course.

But you can see and talk through the distance ed system with the professor as he/she teaches the course as well as students in the course at the other high schools.

An adult facilitator is in the classroom with you, and the professor occasionally teaches the course at your school as the course is broadcast to the other schools.

Dual-credit courses you can take on USCL's campus

You can also sign up to take dual-credit courses on USCL's campus.

You'll be in the courses only with other high school students enrolled in the courses.

The course will not be part of your regular school day.

You'll be responsible for getting yourself to and from the courses, and you'll be subject to all the rules and regulations traditional USCL students must follow.

What dual-credit courses cost

Your dual-credit courses are paid for with lottery scholarship money you qualify for if you have a 3.0 average.

The money you use for these courses in high school will not decrease the lottery scholarship money you can receive for college once you graduate high school.

But -- and it's a BIG BUT -- if your grades in dual-credit courses fall below a 3.0, you won't qualify for a lottery scholarship.

That's why it's important to do well in dual-credit courses.

Dual-credit courses are marked throughout this course guide with a green header.

Only juniors and seniors can take the courses, but you can take the courses in the summer after your sophomore year.

HEALTH SCIENCE

Biomedical Science 1 - Principles

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Indian Land

You'll explore the concepts of human medicine and be introduced to research processes and bioinformatics.

Hands-on projects will let you investigate human body systems and various health conditions, including heart disease, diabetes, sickle-cell disease, hypercholesterolemia and infectious diseases.

Biomedical Science 2 - Human Body Systems

Prerequisite: Biomedical Science 1
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You'll study the body's processes, structures and interactions to learn how they work together to maintain homeostasis and good health.

Using real-world cases, you'll take the role of a biomedical professional and work with others to solve medical mysteries.

Hands-on projects will include designing experiments, investigating structures and functions of body systems, and using data acquisition software to monitor body functions, such as muscle movement, reflex and voluntary activities and respiratory operation.

You'll be prepared for further study in a variety of medical fields.

Biomedical Science 3 - Medical Interventions

Prerequisite: Biomedical Science 2
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You'll use student projects to investigate medical interventions that extend and improve quality of life, including gene therapy, pharmacology, surgery, prosthetics, rehabilitation and supportive care.

Biomedical Science 4 - Biomedical Innovation

Prerequisite: Biomedical Science 3
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You'll design innovative solutions for the health challenges of the 21st century as you address topics like clinical medicine, physiology, biomedical engineering and public health.

Health Science 1

Prerequisite: None
Grades: 10-11
Credit: 1 unit
Offered: Buford, Lancaster

You'll receive basic information and broad topics to assist you in choosing your career path.

You'll prepare for future classes in health care.

Health Science 2

Pre or co-requisites: Health Science 1 or Sports Medicine
Grades: 11-12
Credit: 1 unit
Offered: Buford, Lancaster

In this intermediate course, you'll build on information learned in Health Science 1.

You'll dig deeper into the health science curriculum and skill set.

Health Science 3 Human Structure & Function

Pre or co-requisites: Health Science 2 and First Aid and CPR certification
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You'll get acquainted with basic anatomy and physiology of the human body through your studies.

You'll use hands-on activities to learn how the human body is structured and the function of each of the 12 body systems.

Health Science Clinical Study

Prerequisites: Health Science 2 & 3 and First Aid and CPR certification (Medical Terminology, AP Biology or Anatomy & Physiology may be substituted for Health Science 3)
Grade: 12
Credit: 1 unit
Offered: Buford, Lancaster

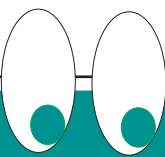
You'll make connections from the classroom to the healthcare industry through work-based learning experiences and activities.

You'll learn to perform nursing-related services for patients and residents in hospitals or long-term care facilities using what you've learned in previous required courses.

Health Science Work-based Credit (see Co-op for details)

Prerequisite: Senior enrolled in final level of an occupational program
Grade: 12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You'll put your Health Science courses in action as you get on-the-job training. (See your school counselor and Page 15 sidebar for more details.)



Look what you can do with what you learn in

HEALTH & HUMAN SERVICES

A's & B's

- Activities therapist • Admitting clerk
- Ambulance Attendant/driver • Anesthesiologist • Athletic trainer • Biochemist

C's

- Chef • Chiropractor • Corrections officer • Cosmetologist • Counselor • Customer service coordinator

D's

- Dental hygiene/assistant • Dentist
- Doctor • Dialysis technician • Dietitian

E's & F's

- Electrocardiograph technician • Emergency medical technician • Firefighter • Flight attendant • Food & drug inspector • Food service assistant • Funeral director

H's & L's

- Health care administrator • Health educator • Home economist • Home health care aide • Hospital maintenance engineer • Hotel manager/assistant • Lab technician

M's & N's

- Make-up artist • Medical assistant • Medical records technician • Microbiologist • Nurse LPN/RN/BS • Nursing aide

O's

- Occupational therapist • Ophthalmic laboratory technician • Optician • Optometrist

P's

- Paralegal • Pharmacist • Pharmacy technician • Physical therapist • Physical therapist assistant • Physician assistant • Pre-school worker • Psychiatrist • Psychologist

R's & S's

- Radiologist • Recreational therapist • Restaurant manager • Social worker • Speech pathologist

T's, V's & X's

- Tour guide • Toxicologist • Travel agent
- Veterinarian/assistant • X-ray technician

What a counselor says



"Science courses and good people skills are a must if you're interested in a career in the Health and Human Services."

— Marisa King
Indian Land High Counselor

Medical Terminology

Prerequisites: Biology (at Lancaster) & Health Science 1
Grades: 11-12
Credit: 1 unit
Offered: Buford, Lancaster

You'll learn medical terms including roots, prefixes and suffixes and focus on spelling, definition and pronunciation.

You'll also cover the parts of the body, the body's structure, movement, circulation, respiratory system, eyes and ears. This self-paced course meets in a computer lab using computer-based technologies.

Sports Medicine

Prerequisite: Biology 1
Grades: 10-11
Credit: 1 unit
Offered: Andrew Jackson, Lancaster

You'll study athletic injuries, rehabilitation techniques, basic first aid and history as they relate to the profession of athletic training.

You'll also be introduced to treatment of athletic injuries and basic operation of therapeutic modalities for an injured athlete.

Your work will include instruction, outside readings, article reviews and practical experience in managing athletic injuries.

Earn college credit while you earn units to graduate high school
See dual-credit article on the left.