

COURSE GUIDE

FOR LANCASTER COUNTY SCHOOL DISTRICT

Career
Clusters
description

See pages
12-13
for details

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Will you be a

World-Class Graduate?

Take this quiz & find out

Circle
the answers
that fit you

1. In English classes, I...

- A.** don't really care about that stuff – how will it help me later?
- B.** text my mama or instagram friends.
- C.** push myself to get the most out of every class and every homework assignment to become a World-Class Graduate.
- D.** sort of listen in class and don't put much into homework.

2. In math classes, I...

- A.** figure why try to learn it because I don't like math anyway.
- B.** just want to get through with my math requirements – math doesn't have anything to do with the career I want.
- C.** I really focus and practice the math concepts I need to be a World-Class Graduate.
- D.** give up when it's not easy to solve a problem.

3. Foreign language? I...

- A.** take as few foreign language courses as possible – most of the rest of the world knows English anyway, and if they don't, let them learn it if they want to talk to me.
- B.** just can't get it so I pretty much give up and settle for a passing grade – when will I even use Spanish anyway?
- C.** work hard to learn to speak and write another language because that will help me become a World-Class Graduate and give me an edge when I apply for jobs or colleges.
- D.** try to disrupt the class so nobody will realize I'm not willing to put in the work it takes to learn another language.

4. Look at the classes I've taken, and you'll see...

- A.** I've avoided science, engineering and technology courses like the plague because I just don't want to work that hard.
- B.** I've only taken the most basic science courses – thinking and practicing enough to understand that stuff isn't something I do. I'd rather to listen to music on my phone.
- C.** science doesn't come easily to me, but I'm working my rear off to get an A in the toughest courses I can take so I will be a World-Class Graduate.
- D.** I'm not pushing myself to do any more than what's required – I spend my time playing video games online. I'm hoping that will prepare me for a great career.

5. My high school transcript shows...

- A.** I sort of played around in my history course – I just can't see how stuff that's already happened will help me.
- B.** I took psychology and did enough to get by, but I didn't work very hard to understand it.
- C.** I take history and social studies courses because I realize it's important to understand the past to help me deal with similar problems in the future and to understand people and our society.
- D.** I didn't care for economics or government – they were just courses they made me take, so I did what I had to do to pass.

6 When teachers measure what I know,

- A.** I would rather take a multiple-choice test anyway because I can usually guess the right answer and don't have to study.
- B.** I like tests that ask me information I can memorize.
- C.** I realize assignments that force me to figure things out are doing a better job of preparing me for a career or college. I hate talking in front of people, but I know that's helping me become a World-Class Graduate.
- D.** I don't like projects or group work or presentations that force me to analyze and think a lot to figure out the answer or that make me get up in front of a group.

7 You'll see on my high school transcript that...

- A.** I'm not artistic or musical so I don't take those courses.
- B.** I took art because I heard it was easy but I didn't really try hard in there because I don't see how it will help me.
- C.** being creative and thinking outside the box are areas I'm not strong in so I push myself to take art and music to develop my creative side.
- D.** I'm already creative and talented. I don't need that stuff.

8 Ask teachers or peers about me, and they'll say...

- A.** I'm not a person they can depend on to be on time, to get things done or to meet deadlines.
- B.** I don't really take school or any kind of work seriously.
- C.** I'm honest and a person they can count on to be where I should be and do more than just what's required. They'll say I'm self-motivated and work hard to make the most of every opportunity.
- D.** I miss a lot of school and classes – I just can't seem to motivate myself to go.

9 Ask teachers about my work, and they'll say...

- A.** I give up pretty easily when things I have to do get tough.
- B.** I'd rather stick with doing stuff I know and I'm satisfied with not pushing to do things that might challenge me.
- C.** I've worked hard to develop good critical-thinking skills and problem-solving strategies, and they'll say I don't give up easily and that I always want to challenge myself more.
- D.** I'm afraid to ask questions, and I'm afraid to take chances to solve problems. I don't want to embarrass myself.

10 Ask my teachers or my peers about how I get along with others, they'll say...

- A.** I'm pretty moody and they don't know what kind of attitude I'll have from one day to the next.
- B.** I really don't get along with other people. They'll say I'm always looking for reasons to get mad at somebody, and I'm always blaming someone else or making excuses for why I can't get stuff done.
- C.** I know how to work with others to get things done and how to help lead a group to do great things.
- D.** I'm more interested in proving how great I am than in helping other people or helping groups I work with succeed.



Answers • Answers

1 - C: World-Class Graduates speak and write clearly and effectively because excellent communication skills are a must in every career.
2 - C: World-Class Graduates understand math, they have opportunities to earn more money after high school, and employers line up to hire them.
3 - C: World-Class Graduates know speaking more than one language will open so many doors for them in any career they choose.
4 - C: World-Class Graduates understand that science is key to being ready for the changes they'll see in society and in careers during their lifetimes.
5 - C: World-Class Graduates realize that courses like history, economics, government, psychology and sociology help them understand what influences human behavior and the systems we've put together to govern us and make everyday life work.
6 - C: World-Class Graduates know that people in any career get paid more and get the best jobs because they can explain ideas and be professional in front of groups.
7 - C: World-Class Graduates know careers of science, business or technical career – and are creative in their jobs – even if it's a the future will really reward people who are creative and innovative. Courses for being creative and innovative.
8 - C: World-Class Graduates know employers build those strategies.
9 - C: World-Class Graduates know employers follow for people they can trust, people who follow through and people who want to be the best at whatever they do.
10 - C: World-Class Graduates are problem-solvers who've developed strong critical-thinking skills and who've found ways to get lots of practice analyzing problems and finding practical solutions.
11 - C: World-Class Graduates know the power of collaborating and teamwork, and they know that in every career, employers are looking for people who can work well with others.

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Grading Scale

10-9

You're a World-Class Graduate

8-7

Keep working; you'll get there

6-5

Need to get it in gear

4 or less

Good luck getting a job you like

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 12 & 13 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.

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

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
Jonathan Phipps

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 this course.

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 and propagating plants for home use and 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.

You’ll get excellent preparation for your education after high school in engineering, architecture, construction, interior design or if you only want to know 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

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.”



– Jerron Cauthen
Lancaster High Counselor

greenhouse crops; designing landscapes; preparing designs; taking part in personal and community leadership development activities; planning and implementing a relevant school-to-work-transition experience; and taking part in FFA activities.

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

Outdoor Recreation

Prerequisite: Agriculture Science & Technology
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 course; commercial, church and home lawns; establishing, fertilizing, irrigating and controlling pests in grassed areas; operating and maintaining machinery and equipment; taking part in personal community leadership development activities; planning and implementing a school-to-work transition experience; and taking part in FFA activities.

Wildlife Management

Prerequisite: Agriculture Science & Technology
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, Career Center

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, Career Center

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, Career Center, Indian Land

You’ll put your Architecture & Construction courses in action and 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, Career Center, Indian Land

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, Career Center, Indian Land

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, Career Center, Indian Land

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

You’ll start with a 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, Career Center, Indian Land

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: Career Center

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: Career Center

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: Career Center

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: Career Center

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 3 - Concepts & Applications

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

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: Career Center

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, Career Center

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, Career Center

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.

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

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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.

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 refine pinching, coiling, slabbing, wheel-throwing, glazing and other decorative techniques.

You'll continue to 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 3

Prerequisites: Ceramics 1 & 2 with 80% or above average
Grades: 10-12
Credit: 1 unit or 1/2 unit
Offered: Indian Land High
Fee: \$35 which must be paid in advance

You'll develop and further enhance skills learned in the Ceramics I and II, learn new techniques and approaches.

You'll also work to develop your personal aesthetic technique, craftsmanship and design skills.

Your goal is to further explore the medium and gain a better understanding of ceramics arts.

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 continue to develop pre-AP skills, techniques and artistic concepts to prepare you for work or post-secondary opportunities in the arts.

You'll work to refine your portfolio for college applications.

THE ARTS

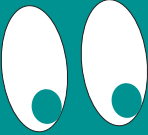
DANCE

Dance 1, 2, 3, 4

Prerequisite: Successful completion of previous course in sequence
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson

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.



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

Dance 3, 4 Honors

Prerequisite: Dance 1, 2
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson

You'll develop your techniques to an advanced collegiate level. Additional and more rigorous assignments 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 3&4 only

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 & 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.

Continued on next page

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, 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 focus 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

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.

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 in all percussion family instruments, including pitched and non-pitched percussion, Afro-Cuban instruments and drum set.

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

Wind Ensemble
Prerequisites: Band 2 or comparable music background
Grades: 11-12
Credit: 1 unit
Offered: Indian Land

You'll examine more advanced college-level literature (Grades 4 and above) at the high school level.

You'll study more advanced theory and history and learn how they relate to the more advanced content you'll learn to perform.

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, Career Center, Indian Land

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

An important part of your

Continued on next page

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.

2023 SPRING CALENDAR

January

- 2nd elementary & middle, 4th high school grading periods end;

Regular scheduleJan. 4

- Second semester begins Jan. 4

- Report cards – All gradesby Jan. 11

- MLK Holiday – No schoolJan. 16

February

- ACT/SAT/Ready To WorkDuring February

- 5th high school grading period endsFeb. 6

- High school report cardsFeb. 15

March

- Teacher workday March 10
No students – May be used as make-up day, if needed

- 3rd elementary & middle, 6th high school grading period ends March 15

- Report cards March 21

April

- Spring holidays – No schoolApril 3-7
April 15-17 may be used as make-up days, if needed

- 7th high school grading period ends April 25

May

- High school report cardsMay 2

- AP examsMay 4-15

- End of Course examsMay 6-26

- Final exams – Students dismissed earlyMay 25-26

- Last student day, Graduation May 26

- Half teacher workdayMay 26
No students, make-up day, if needed

June

- Report cards – All gradesby June 6

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.

Fundamentals of Business Marketing & Finance

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

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

You'll learn more about corporate enterprise and its role in a global society. You'll work to understand personal finance concepts including developing a budget, managing a checking account, types of savings plans, investments, how to establish and maintain 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 to 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: None
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford (11 & 12 only), 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 using digital imaging software to edit and design images and graphics.

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

Integrated Business Applications

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

You'll learn computer concepts related to processing data into useful information needed in business situations.

Keyboarding competencies will be addressed in this course.

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.

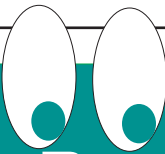
You'll learn about importing, exporting and trade relations, about how differences between political systems affect business operations and about political risks businesses face in other countries.

Marketing

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

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.



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

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

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

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.

Workplace Communications

Prerequisite: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Career Center

You'll learn to communicate clearly, concisely, courteously, completely, correctly – 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.

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

EDUCATION & TRAINING

Child Development

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

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, Career Center, Indian Land

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, Career Center, Indian Land

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.

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

ENGINEERING

Introduction to Engineering Design (Project Lead the Way 1)

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

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: Introduction to Engineering Design (Project Lead the Way 1)
Grades: 10-12
Credit: 1 unit
Offered: Career Center, Indian Land

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 (Project Lead the Way 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: Career Center

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 Design; Principles of Engineering; Digital Electronics or Civil Engineering
Grades: 11-12
Credit: 1 unit
Offered: Career Center, Indian Land

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: Career Center

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: None
Grades 10-11
Credit: 1
Offered: Career Center

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: Mechatronics Integrated Technologies 1
Grades 10-11
Credit: 1
Offered: Career Center

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

Mechatronics Integrated Technologies 3

Prerequisite: Mechatronics Integrated Technologies 2
Grades 11-12
Credit: 1
Offered: Career Center

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: Mechatronics Integrated Technologies 3
Grades 11-12
Credit: 1
Offered: Career Center

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

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.

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.
- 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.

Earn college credit while you earn units to graduate high school
See dual-credit article on Page 20

Why Test

Creating World-Class Graduates

Students in their third year of high school must be offered a college entrance test. Parents/guardians may select either ACT or SAT. All students in their third year of high school must take a career readiness assessment. Ready to Work is the assessment for South Carolina students. Ready to Work determines student achievement in three key subjects.

“The Ready to Work 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 Ready to Work assessment has three sections.

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

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. You’ll 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.

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 non-fiction. You’ll also have a chance to study multi-cultural 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.

FINANCE

Accounting 1

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

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 and 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, Buford, Career Center, Indian Land

You’ll focus on advanced accounting principles, including an introduction to automated data processing, payroll systems and accounting systems for partnerships and corporations.

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.

College Orientation COL 101 - York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
Grades: 11-12
Credit: 1 unit/3 hours college credit through York Tech
Offered: York Tech campus
Fees: You may be required to purchase textbooks or materials

You’ll study career planning, study skills, stress management, tutoring, group guidance and other subjects to help you succeed in college and life.

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 read and analyze major literary works to build higher-level thinking skills. Your 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 your school, 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 skills to help you write about 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, 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 you research and write.

You may be asked to enter contests that could earn you college scholarships or other recognition.

Personal Finance

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

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.

Business Finance

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

You’ll begin learning 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.

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

You’ll use videos, simulation, wheel experience in a dual-controlled car and textbooks to gain the knowledge, skills and attitude to be a competent, 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 to improve your conversational English and 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.

You'll learn about conflict management, careers, service learning and study skills. It also includes comprehensive health topics required for graduation.

High School 101 – Females

Prerequisites: None
Grades: 9-12
Credit: Elective
Offered: Lancaster

You'll learn positive self identity and self esteem, personal vision and goals, social and emotional skills, moral character, academic success and work ethic.

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 that focuses on skills you need for sound writing in all subjects including English language arts, social studies, science and math.

Jobs for America's Graduates (JAG)

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

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

You'll learn what goes into making informed career choices, and you'll learn that a successful career involves continually examining 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 ex-

ternal 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.

You'll take the course at your school with a facilitator as 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.

SAT Prep – Verbal/Math

Prerequisite: English 1 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 will 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.

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.

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 ready to 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 im-

prove 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 21st century's health challenges as you tackle 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 help you choose your career path and prepare for future classes in health care.

Health Science 2

Pre-requisites: Health Science 1 or Sports Medicine and with a 75% or higher
Grades: 11-12
Credit: 1 unit
Offered: Buford, Lancaster

In this intermediate course, you'll build on what you learned in Health Science 1 as you dig deeper into the health science curriculum and skill set.

Health Science 3 - Human Structure & Function

Pre-requisites: Health Science 2 and First Aid and CPR certification and with a 75% or higher
Grades: 11-12
Credit: 1 unit
Offered: Buford, Lancaster

You'll get acquainted with the human body's basic anatomy and physiology.

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

Continued on next page

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/
Career Specialist



Allie Teschke
School Counselor

Andrew Jackson Middle

475-6021/283-1970 • Fax– 475-8256
6865 Kershaw-Camden Hwy., Kershaw, SC 29067
Principal Chris Timmons



Malissa Crawford
School Counselor



Susan Hammond
School Counselor

Buford Middle

285-8473 • Fax– 283-2023
1890 N. Rocky River Rd., Lancaster, SC 29720
Principal Sheri Wells



Susan Scott
School Counselor/
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



Jennifer Blake
School Counselor



Curwood Dillingham
School Counselor



Kelly Ewing
School Counselor



Reggie Partee
School Counselor/
Career Specialist



Dr. Patrice Robinson
School Counselor



STEAM is going to give our students the opportunity for a real world authentic experience that will prepare them for jobs.



Andrea Ribelin
Principal
Buford Elementary

Collaboration and support is going to be used in this. As we all know STEAM...it's something that you develop and grow in.



Sheri Watson
Principal
Heath Springs Elementary

I think STEAM is one of the biggest things we're doing to help kids step out into the real world. STEAM will help our students be ready to solve the problems facing us today.



Chris Thorpe
Principal
Indian Land Middle

The four C's: Communicate effectively, Collaborate to learn, be Creative problem-solvers and be Critical thinkers who explore all parts of issues – STEAM hits all aspects of the four C's.



Steven Puckett
Principal
Van Wyck Elementary

Teachers will have many, many more resources that'll include technology that's developing right now. Using technology won't be something we have to wait for.



Butch Dutton
Secondary Instructional Director

Health Science Clinical Study

Prerequisites: Health Science 2 & 3 and First Aid and CPR certification (Medical Terminology) and with a 75% or higher
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.)

Medical Terminology

Prerequisites: Biology (at Lancaster) & Health Science 1 and with a 75% or higher
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 1

Prerequisite: Biology 1
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Lancaster

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

You'll begin learning to treat 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.

Sports Medicine 2

Prerequisites: Sports Medicine 1 with a 75% or higher
Grades: 10-12
Credit: 1 unit
Offered: Lancaster

You'll focus on how to recognize and care for common injuries and illnesses of a physically active population.

You'll learn about specific conditions and injuries often faced during athletic activities.

You'll also examine the concepts of therapeutic modalities and exercise in the care of injuries. You'll focus on gaining a deeper understanding of the body systems and common pathologies.

Your study will also include administrative aspects of sports medicine programs.

You'll learn to apply legal and ethical principles through real world scenarios in various sports medicine settings.

You'll explore sports medicine careers the athletic trainer encounters as he/she takes injured athletes through the pathway of recovery.

Sports Medicine 3

Prerequisites: Sports Medicine 1 & 2 with a 75% or higher
Grade: 12
Credit: 1 unit
Offered: Lancaster

You'll focus on building your ability to apply concepts you learned in previous sports medicine courses to real-world situations and scenarios.

You'll work to understand current research and evidence-based practices affecting sports medicine professionals and to develop policies, procedures and guidelines based on these practices.

You'll also explore detailed treatment and rehabilitation procedures for common athletic injuries.

You'll be expected to get real world experience by taking part in clinical situations – either through your school's athletic department or in an outside clinical setting.

HOSPITALITY & HUMAN SERVICES

Cosmetology 1

Prerequisite: None
Grade: 11
Credit: 4 units
Offered: Career Center

You'll begin building the foundation for advanced studies in cosmetology.

You'll study safety, hygiene, sanitation, manicuring, professional ethics, shampoos and rinses, permanent waving and styling, scalp and facial treatment and state laws and regulations.

You'll also study theory and related subjects and gain experience through lab practice.

Cosmetology 2

Prerequisite: Cosmetology 1
Grade: 12
Credit: 4 units
Offered: Career Center

You'll study in-depth the art of hairstyling, makeup, skin and scalp care, hair color and salon management. You'll work with clients three days a week to develop your skills in a salon-type atmosphere.

At year's end, you'll take the state board exam, given by the S.C. Cosmetic Arts Board, for licensing as a registered cosmetologist.

Culinary Arts Introduction

Prerequisite: None
Grades: 10-11
Credit: 1 unit
Offered: Career Center

You'll be introduced to careers in restaurants, catering and institutional food preparation and service. You'll learn quantity cooking for commercial operations, along with related nutrition, food selection, storage and merchandising.

You'll learn production baking, table service, culinary skills, purchasing, menu planning and catering.

A background in basic math or accounting, bookkeeping and nutrition is helpful.

Culinary Arts 1

Prerequisite: Culinary Arts Introduction
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll be introduced to the food industry through classroom and lab work. You'll also be required to participate in a minimum of 10 hours of after-school catering activities.

You'll cover subjects ranging from completing applications and developing a resume to food costing and accounting, inventory control, baking and other cooking methods, food safety and marketing.

Take this course only if you're seriously interested in a food industry profession.

Culinary Arts 2

Prerequisite: Culinary Arts 1
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll be assigned an on-the-job mentor who'll monitor and document your progress in this final course in the sequence necessary for certification in this cluster.

To complete the cluster, you must accumulate 400 internship hours at a food-service related establishment. You can begin getting these hours in Culinary Arts Introduction.

Event & Entertainment Management

Prerequisites: Introduction to Hospitality and Tourism with a minimum grade of 70 and teacher recommendation
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn management techniques and strategies to successfully plan, promote and implement special events that create extraordinary and memorable experiences.

You'll learn the basics of what it takes to add the "WOW factor" for customers, whether it's a sporting event, corporate

event, family reunion, cruise, wedding or party.

You'll engage in project- and problem-based learning activities for event evaluation, direct observation and hands-on involvement in planning and staging of special events.

Family & Consumer Science

(Consumer & Homemaking Education 1)
Prerequisite: None
Grades: 9-10
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster (Grades 9-10)

You'll learn to use the decision-making process in choosing a life-style, managing a home and selecting a career.

You'll study family relationships and home management with emphasis on clothing, foods, grooming, manners and child development. You'll do a variety of activities and complete sewing projects.

Foods & Nutrition 1

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

You'll get practical knowledge and experience in planning, preparing and serving meals with an introduction to short-order food service.

You'll study the principles of cooking or preparing meats, vegetables, fruits, eggs, milk, cheese and bakery products.

You'll also study buying and selecting goods and the use of kitchen equipment.

Foods & Nutrition 2

Prerequisite: Foods & Nutrition 1
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You'll study in-depth preparing and serving food.

You'll focus on food service techniques and learn about special meals, entertaining, diets and nutrition careers.

Introduction to Hospitality & Tourism Management

Prerequisite: None
Grades: 9-11
Credit: 1 unit
Offered: Career Center

You'll explore the the hospitality and tourism industry's nature, concepts and impact.

You'll focus on mastering the foundations of the hospitality and tourism industry as you take part in activities that give you a taste of what the hospitality and tourism industry is about.

Introduction to Hospitality Management & Operations

Prerequisite: None
Grades: 9-11
Credit: 1 unit
Offered: Career Center

You'll explore the nature, concepts and impact of the hospitality industry.

You'll learn the industry's foundations, including career exploration, employability and career developmental skills; guest satisfaction; safety; security and environmental practices; the industry's history; and hospitality and tourism segments.

Manage First

Prerequisites: Culinary Arts Introduction, 1, 2
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll study control of food service costs; hospitality and restaurant management; human resources management and supervision; ServSafe; customer service; food production; inventory and control; managerial account; menu marketing and management and nutrition.

This course is a certification program if you plan to
Continued on next page

WHY TRY

You have to earn our top awards

To receive a state honors award (**Academic Achievement Honors Award**), you must

- earn 24 units as prescribed
- receive a minimum of “B” for each semester course in grades 9-12 through the seventh semester and
- achieve either a score of 710 on the SAT verbal or a score of 690 on the SAT math, or an ACT score of 30 on English or 33 on mathematics

OR

- earn 24 units as prescribed
- be eligible for graduation with a state high school diploma
- have a combined score of 1400 on the SAT verbal and math sections, or an ACT composite score of 31

Qualified students may receive the **LIFE scholarship or The Palmetto Fellows Scholarship**, which are currently based on college entrance test scores and GPA.

Students who do not qualify for the LIFE or Palmetto Fellows scholarships may be eligible for the HOPE scholarship, lottery tuition assistance or a need-based grant. Because specific guidelines are subject to change, see your guidance counselor for the requirements of each program.

Standards for honor students
Graduation honors determined by grade point ratio based on Uniform Grading Scale

- Honors— 4.2 minimum GPR
- High honors— 4.4 minimum GPR
- Highest honors— 4.6 minimum GPR

Standards for junior marshals

- Each junior’s number of quality points at the end of the first semester of junior year determines eligibility as junior marshal.
- Head marshal – the junior with the highest GPR
- Number of marshals– set by school

Standards for Beta Club
4.1 minimum GPR

Standards for Honor Society
4.4 minimum GPR

go into culinary, hospitality, tourism or restaurant management at a college.

Parenting Education

Prerequisite: None
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

You’ll build good parenting skills as you study prenatal care and planning, the responsibilities of being a parent and consumer decision-making in management of the home.

Sports Nutrition 1

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

You’ll study the relationships among physical activity, proper nutrition, sports performance and overall wellness.

You’ll learn to prepare nu-

tritious foods and which foods are needed for healthy lifestyles and peak performance.

You’ll strengthen your health and wellness and disease prevention through increased knowledge of nutrition and physical activity.

Travel & Tourism Management

Prerequisites: Introduction to Hospitality and Tourism with a minimum grade of 70 and teacher recommendation
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You’ll learn management principles and procedures of the travel and tourism industry and destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions and resorts.

INFORMATION TECHNOLOGY

Computer Programming 1

Prerequisite: Algebra 1
Grades: 10-12
Credit: 1 unit
Offered: Career Center, Indian Land

If you love knowing how things work, you’ll love how this course covers computer programming fundamentals.

You’ll study software and program design and development and get practical experience in programming.

You may use Alice Programming to build interactive worlds where you control program flow and non-interactive worlds that play as a movie.

Computer Programming 2

Prerequisite: Computer Programming 1
Grades: 11-12
Credit: 1 unit
Offered: Career Center, Indian Land

You’ll expand on the processes for creating computer programs you’ve studied with a primary focus on VISUAL Basic’s advanced features.

You’ll work one-on-one hands-on time with computers to prepare you for entry-level jobs or after-high-school studies.

Fundamentals of Computing

Prerequisites: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson, Career Center, Indian Land

You’ll create projects relevant to students’ lives to explore computer science topics.

As you create your computing artifacts, you’ll work in teams using critical-thinking and problem-solving skills, creativity and innovation to build an understanding of computer history and operation, programming and web design.

You’ll also learn about computer careers and societal and ethical computing issues.

Fundamentals of Networking 1

Prerequisite: None
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

After you complete this course, you’ll be prepared for Fundamentals of Networking

2, which can lead to certification in entry-level data input.

Fundamentals of Networking 2

Prerequisite: Fundamentals of Networking 1
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson

After you complete this course, you’ll be qualified for entry-level data input positions.

IT Fundamentals

Prerequisites: None
Grades: 9-10
Credit: 1 unit
Offered: Buford

You’ll learn safety, communication skills, leadership skills, human relations and employability skills and how to identify and explain PC components, set up a basic PC work station and more.

You’ll learn about Green IT and preventative maintenance.

JOURNALISM

Broadcast Journalism

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

You’ll learn broadcast journalism and produce shows for cable TV and in schools.

You’ll learn to report, interview, write scripts, design sets and run cameras, switchers and editing equipment. Students from all high schools are encouraged to enroll.

Broadcast Journalism–Advanced

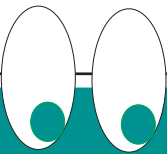
Prerequisite: At least a B in Broadcast Journalism
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You’ll refine writing, photography, editing and on-camera skills developed in *Broadcast Journalism*.

Filmmaking

Prerequisite: At least a B in Broadcast Journalism
Grade: 12
Credit: 1 unit
Offered: Lancaster

You’ll refine your research, writing, video, editing, graphic and on-camera skills and build problem-solving and organizational skills.



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

Grades are tied to meeting deadlines. To take the course, you must be proficient in all yearbook production areas: design, writing, photography, word processing, computer graphics and business.

Newspaper Production (1, 2 - LHS only)

Prerequisite: Journalism 2 (LHS only)
Grades: 10-12
Credit: 1 unit
Offered: Indian Land, Lancaster

You’ll produce the school newspaper as you learn to interview, write, edit, speak in public and design on computers. You’ll also gain photo and graphic design experience.

Yearbook Production (1, 2, 3, 4)

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

You’ll produce the yearbook as you learn to meet deadlines. Grades are tied to meeting deadlines. To take the course, you must be proficient in all yearbook production areas – design, writing, photography, word processing, computer graphics and business.

Journalism 1, 2

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

You’ll explore the world of the media as you build journalism skills and work on your school’s publications.

You’ll study news/feature/column writing, interviewing, lead writing, program design, press law and layouts.

Magazine Production

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

You’ll produce a magazine as you learn to meet deadlines.

Grades are tied to meeting deadlines. To take the course, you must be proficient in all magazine production areas: design, writing, photography, word processing, computer graphics and business.

Media Arts (1, 2, 3, 4)

Prerequisite: Journalism 2
Grades: 11-12
Credit: 1 unit
Offered: Indian Land

You’ll produce the yearbook as you learn to meet deadlines.

• • • • • **WHY PLAN** • • • • •

• • • • • **What are career clusters?** • • • • •

• • • • • A group of related courses that help you decide if you're interested in pursuing a career or college degree related to those courses after high school. • • • • •

• • • • • **Why did we change to an academic focus/career cluster system?** • • • • •

• • • • • We want to help students see the connection between their coursework and their plans for life after high school. Also, state department guidelines called Personal Pathways mandate schools do more to help students make those connections. You can find out more about Personal Pathways at www.scpathways.org. • • • • •

• • • • • **What's an academic focus school?** • • • • •

• • • • • College and universities have used this structure for years. Related areas of study are placed together in a "school." Within the "school," students choose from a cluster of courses geared toward more specific career areas. • • • • •

• • • • • **What if I choose an academic focus or career cluster and then change my mind about what I want to study?** • • • • •

• • • • • Moving from one cluster to another or from one academic focus to another should not be a problem for you. As you take courses in your academic focus and cluster, you'll still be taking the courses required for graduation. • • • • •

• • • • • **Can I take courses outside my cluster?** • • • • •

• • • • • You should still have room in your schedule to take courses outside your cluster. In fact, we encourage you to explore other clusters, especially if you have interests in more than one area. The basic purpose of this structure is to help you see and explore career options. • • • • •

Academic Focus Schools & Supporting Clusters

School of Arts & Humanities	School of Business Management & Information Systems	School of Engineering, Manufacturing & Industrial Technologies	School of Health Science & Human Services	School of Public Services
<ul style="list-style-type: none">◆ Arts, AV Technology & Communications Cluster<ul style="list-style-type: none">• Architecture/Mechanical Design• English• Journalism & Mass Communication• Modern Languages• Performing Arts• Visual Arts◆ Education & Training Cluster<ul style="list-style-type: none">• Early Childhood Education• Introduction to Teaching	<ul style="list-style-type: none">◆ Business Management & Administration Cluster<ul style="list-style-type: none">• Administrative Services• Business Information Management• General Management◆ Finance Cluster<ul style="list-style-type: none">• Accounting◆ Hospitality & Tourism Cluster<ul style="list-style-type: none">• Culinary Arts◆ Information Technology Cluster<ul style="list-style-type: none">• Networking Systems• Programming & Software Development◆ Marketing Sales & Service Cluster<ul style="list-style-type: none">• Marketing Communications	<ul style="list-style-type: none">◆ Agriculture, Food & Natural Resources Cluster<ul style="list-style-type: none">• Agriculture Mechanics & Technology• Environmental & Natural Resources Management• Horticulture• Plant & Animal Systems◆ Architecture & Construction Cluster<ul style="list-style-type: none">• Building Construction• Carpentry• Electricity◆ Manufacturing Cluster<ul style="list-style-type: none">• Machine Technology• Welding Technology◆ Science, Technology, Engineering & Mathematics Cluster<ul style="list-style-type: none">• Math/Science• Preengineering - Project Lead the Way◆ Transportation, Distribution & Logistics Cluster<ul style="list-style-type: none">• Automotive Collision Repair Technology• Automotive Technology	<ul style="list-style-type: none">◆ Health Science Cluster<ul style="list-style-type: none">• Biomedical Science - Project Lead the Way• Health Sciences◆ Human Services Cluster<ul style="list-style-type: none">• Cosmetology• Family & Consumer Sciences/Design• Family & Consumer Sciences/Nutrition	<ul style="list-style-type: none">◆ Government & Public Administration Cluster<ul style="list-style-type: none">• Social Sciences◆ Law, Public Safety & Security Cluster<ul style="list-style-type: none">• Emergency & Fire Management Services• Law Enforcement Services• Military Science• Pre-law

What is an Individual Graduation Plan (IGP)?

The IGP is your education plan for high school detailing the courses necessary for you to prepare successfully for graduation.

The plan is also designed to help you prepare for what you want to do after high school – either going into the job you want or entering a two-year or four-year college program or some other educational experience beyond high school.

Your guidance counselor will work with you as you begin high school to create the plan. You and your parents should talk about your goals for after high school as you create the plan.

Then, each year as you register for courses, your guidance counselor will review the plan with you to see how you're progressing and to allow you to revise the plan as your interests and goals change.

The Economic Development Act, which mandates that every student have an IGP, states that in South Carolina, the IGP must

- ◆ Align career goals and a student's course of study based on involvement in career guidance;
- ◆ Be based on the student's selected cluster of study and an academic focus within that cluster;
- ◆ Include core academic subjects, which must

include, but are not limited to English, math, science, and social studies to ensure that requirements for graduation will be met;

- ◆ Include experience-based, career-oriented learning experiences including, but not limited to internships, apprenticeships, shadowing, mentoring, co-op education and service learning;
- ◆ Be flexible to allow change in the course of study

but be sufficiently structured to meet graduation requirements and admission to postsecondary education;

- ◆ Incorporate provisions of a student's individual educational plan, when appropriate; and
- ◆ Be approved by a certified school guidance counselor and the student's parents, guardians, or individuals appointed by the parents or guardians to serve as their designee. (59-59-140)

What the state requires

English— 4 units
U.S. History— 1 unit
Economics— 1/2 unit
Government— 1/2 unit
Other Social Studies— 1 unit
Mathematics— 4 units
Science— 3 units
Computer science— 1 unit
Physical Ed or JROTC— 1 unit
Foreign language—1 unit for college prep
or
Vocational— 1 unit for tech prep
Electives— 7 units
Total required for graduation 24 units

What colleges want you to take

English 4 units	You must have at least two courses with strong grammar and composition components, with at least one in American literature and one in English literature. Completing college prep English 1, 2, 3 & 4 will meet these requirements.
Foreign language 2 units	You must have two units of the same foreign language. Some colleges require 3 units.
Lab science 3 units	You must have at least 2 units from two different fields selected from biology, chemistry or physics. Your third unit may be from one of these fields or from any lab science for which biology or chemistry is a prerequisite. Courses in earth science, physical science or introductory or environmental science for which biology and/or chemistry is not a prerequisite won't meet this requirement.

Math 4 units	Foundations of Algebra, Intermediate Algebra courses include Algebra 1 for which Applied Math 1 & 2 together may substitute if you successfully complete Algebra 2. You must also take Algebra 2 and Geometry. A fourth higher-level mathematics course must be selected from Pre-calculus, Calculus, Statistics or Discrete Math and should be taken <u>during your senior year</u> .
Social studies 3 units	You must have one unit of U.S. History, a half unit of economics, a half unit of government and one additional unit of social studies.
Fine arts 1 unit	You must have one unit in appreciation of, history of or performance in fine arts.
Elective 1 unit	You must have one unit as an elective. A college-preparatory course in Computer Science (i.e., one involving specific

programming content, not simply keyboarding) is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English, fine arts, foreign languages, social science, humanities, laboratory science (excluding earth science, general physical science, general environmental science, or other introductory science courses for which biology and/or chemistry is not a prerequisite) or math courses above the level of Algebra 2.

P. E./JROTC 1 unit
You must take at least one unit in either physical education or JROTC.

Exceptions for college requirements
A state college may grant an exception for

- a student not meeting the prerequisites if the failure to meet prerequisites is beyond the student's control or
- a student who takes Foundations of Algebra, Intermediate Algebra courses and meets all other admissions criteria.

Note: These are minimal requirements for four-year public college admission in South Carolina. Students should check with the college of their choice to see if there are additional requirements.

• • • • • **WHY PLAN** • • • • •

• • • • • **Plan so you'll take what's required** • • • • •

• • • • • One of the biggest mistakes you can make as you plan your schedule for next year is forgetting to check on requirements for a high school diploma.

• • • • • "No one wants to go to school four years and then find out he won't graduate because he didn't take all the requirements," Lancaster High Counselor Eric Byrd said.

• • • • • "We try to double check to be sure students take the required courses, but we make sure students know it's their responsibility to select appropriate courses."

• • • • • As you select courses, refer to the state requirements and regulations listed on this page.

• • • • • **Check the regulations**

- ✓ You must take courses in sequence.
- ✓ If you earn two units in science and six or more units in a specific occupational service area, you'll meet the S.C. high school diploma science requirements.

• • • • • **Class of 2019-2021 only promotion standards**

• • • • • **Attendance requirements**
Must meet the state and district attendance standards in all grades

• • • • • **Promotion from grade 9**

- Must have five units
- Must be able to schedule all remaining units in the appropriate sequence

• • • • • **Promotion from grade 10**

- Must have 10 units
- Must be able to schedule all remaining units in the appropriate sequence

• • • • • **Promotion from grade 11**

- Must have 16 units and be able to schedule or complete all remaining units required for graduation.
- Must be able to schedule all remaining units in the appropriate sequence

• • • • • **Class of 2022 & beyond promotion standards**

• • • • • **Attendance requirements**
Must meet the state and district attendance standards in all grades

• • • • • **Promotion from grade 9**

- Must have minimum of five units
- Must include 1 English & 1 Math

• • • • • **Promotion from grade 10**

- Must have minimum of 10 units
- Must be able to schedule all remaining units in the appropriate sequence

• • • • • **Promotion from grade 11**

- Must have 16 units and be able to schedule or complete all remaining units required for graduation.
- Must be able to schedule all remaining units in the appropriate sequence

• • • • •



Eric Byrd

MANUFACTURING

Advanced Technology for Design & Production

Prerequisites: None
Grades: 9-12
Credit: 1 unit
Offered: Andrew Jackson

You'll use modern technologies in the design and improvement of products, and you'll use three-dimensional CAD software in the creation and analysis process.

You'll document designs using standards set by industry for design documentation and implement methods of green production and just-in-time component supply to allow for the lowest cost and highest quality products.

You'll design and troubleshoot data acquisitions, programmable logic control, process monitoring and automation and robotic systems, and use cameras and sensors to control automated systems.

Machine Technology 1 - Intro

Prerequisite: None
Grades: 9-11
Credit: 1 unit
Offered: Career Center

You'll learn machining and metal cutting principles using modern machine tools, hand tools and precision measuring tools through theory and hands-on applications.

You'll become familiar with all safety aspects of working in machine shop/manufacturing environments.

You'll learn to use two of the four basic machine tools, lathe and drill press to machine projects to print dimensions (hammer and baseball bat.)

You'll also perform calculations necessary to measure machined parts and effectively use layout instruments.

Machine Technology 2 - Turning/Milling Operations

Prerequisite: Machine Technology 1
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn how to use a manual lathe to perform turning operations such as tapers, threads and knurling to produce projects such as a Civil War era cannon replica.

You'll also begin to use the manual milling machine to accurately drill holes and mill flat and angular surfaces to produce projects such as a machinist vise.

You'll receive more in-depth instruction on precision measuring, blueprint reading and mathematical formulas relevant to the machine tool industry through theory and hands-on applications.

Machine Technology 3 - Grinding/CNC Operations

Prerequisite: Machine Technology 2
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll receive advanced skill development along with technical theory of machine tool operations.

You'll use the lathe, milling machine, drill press and surface grinders to produce highly accurate projects like parallels, 1-2-3 blocks and sine vise.

You'll also receive introduction instruction on CNC (Computer Numerical Control) machine processes.

Machine Technology 4 - CNC Set-up/Programming

Prerequisite: Machine Technology 3
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn the fundamentals of set-up and programming of CNC milling and turning machines, using advanced blueprint reading and shop mathematic skills.

Manufacturing 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, Career Center

You'll put your manufacturing courses in action with on-the-job training. (See your school counselor and the sidebar on page 15 for details.)

Systems of Advanced Technology

Prerequisites: Advanced Technology for Design and Production
Grade: 9-12
Credit: 1 unit
Offered: Andrew Jackson

You'll apply the technologies found in modern clean, production environments as you study effective and energy efficient control of pumping, conveyors, piping, pneumatic and hydraulic control systems.

You'll apply total quality management to production design to assure quality and also focus on properties of materials and material testing.

You'll also create documentation to support designs, examining properties and justifying material selections based on properties, and you'll learn that old products become the new materials for the new products.

Welding 1 - Arc

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn safety, equipment and skills for arc welding with different types of welding rods. Both theory and hands-on instruction are emphasized.

Welding 2 - Gas Metal Arc

Prerequisite: Welding 1
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll have hands-on training in gas metal arc welding known as MIG welding.

You'll get training with flux core wire, copper-coated wire and different types of welding gases in different positions. MIG is a widely used welding process with metal fabricators.

Welding 3 - Oxyacetylene Cutting

Prerequisite: Welding 2
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn to make proper cuts of metal using the oxy-acetylene cutting process. Safety will be emphasized.

You'll also learn to weld metals using this process.

Welding 4 - Gas Tungsten-arc

Prerequisite: Welding 3
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn gas tungsten welding, known as TIG welding, which uses a nonconsumable electrode and a special electrode holder.

You'll learn how shielding gas protects the welding puddle and can be used to weld aluminum, stainless steel and other types of metal using the correct type of filler metals.

HOW PARENTS CAN KNOW

Parents can now really be informed

Parent Portal gives parents real-time information on attendance, grades, detailed assignment descriptions and school bulletins.

Using this tool, parents are able to take part more fully in their student's progress.

Parents who log into the PowerSchool Parent Portal will see the Grades and Attendance page for their student. For every subject the student is taking, they will see the term averages, attendance for the current and previous week and total absences and tardies.

Each average is actually a link the parent can click on to see the Class Score Detail page, which lists every assignment and score for the grading period. Parents can send emails to their student's teacher by clicking on the teacher name. And by clicking on the absence total, they can see the dates of absences for that report period.

Additional links on the Navigation Bar near the top of your screen are Attendance History, which will show you all attendance data for the current term and School Bulletin, which may contain announcements from your school.

Parents can use the Email Notification link to request emailed reports on their student's grades and attendance. Reports can be automatically emailed daily, weekly, bi-weekly or monthly and can be sent to multiple email accounts.

Parents can access the Parent Portal at <https://lancastercsd.powerschool.com/public/> by using the school-provided username and password.

Parents who do not have this information should contact their school.

Parent Portal is specifically developed for parents and students and is a tool integrated into the PowerSchool Student Information System used by all public schools in South Carolina.

PowerSchool is a web-based package to allow all districts to collect data uniformly.

Continued on next page

MATH

Algebra 1

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

You'll study the real number system and learn operations with algebraic expressions, factoring polynomials, solutions of equations, graphing and problem solving.

The course will help prepare you for college math.

Algebra 1 Pre AP

Prerequisite: Recommendation based on district criteria
Grade: 8
Credit: 1 unit for students who meet district requirements
Offered: All middle schools

You'll study the real number system and do operations with algebraic expressions, factoring polynomials, solutions of equations, graphing and problem solving.

You may have to complete summer review work for your next math honors class.

Algebra 2

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

You'll extend fundamental skills you learned in Algebra 1.

You'll study real and complex number systems, quadratic and cubic equations, rational and irrational expressions, matrices, exponential functions and extended problem solving.

Algebra 2 Pre AP

Prerequisite: Algebra 1 Pre AP or teacher recommendations
Grades: 9-10
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll build on the fundamental skills you developed in Algebra 1 Pre AP.

You'll study the real and complex number systems, quadratic and cubic equations, rational and irrational expressions, matrices and exponential functions, and extended problem solving.

You may be expected to complete summer review work in preparation for your next math Pre AP class.

Algebra 3

Prerequisite: Algebra 2 CP
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You'll focus on the study of functions and advanced mathematics concepts to solve problems. You'll study polynomial, rational, exponential, logarithmic and trigonometric functions.

Calculus

Prerequisite: PreCalculus
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

Your studies will include derivatives and integrals of polynomial, rational, logarithmic, trigonometric, and inverse trigonometric functions and their applications.

Calculus AP

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

Calculus AP will help you prepare to earn advanced placement credit either by exemption or placement in honors calculus in college.

Topics include limits, derivatives and antiderivatives. To take the course, you must successfully complete PreCalculus Pre AP.

You may need to register for a Pre AP Calculus course at some high schools.

Calculus Pre AP

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

Your studies will include derivatives and integrals of polynomial, rational, logarithmic, trigonometric, and inverse trigonometric functions and their applications.

WHY WORK-BASED LEARNING

The workplace becomes your classroom

The community becomes your classroom when you take part in **Work-Based Learning** programs.

You learn through activities such as shadowing, cooperative education, internships and service learning that use the knowledge and expertise of business and industry personnel and other community resources.

“These activities effectively combine academic learning, workplace skills and career awareness,” School Counselor Sarah Jordan said. “The program’s emphasis is on skills needed for lifelong learning. You’re accountable for your time, learning and behavior, and you’re expected to show increasing maturity and responsibility.”

Your program will be evaluated regularly.

“The experience you gain and the skills you learn through the program may be among the most valuable you’ll get during high school,” Jordan said. “They’ll give you a good idea of what the world of work is like.”

Talk about work-based learning with your teachers, or contact your school counselors to learn how you may qualify.

Co-op program

A great opportunity for seniors who qualify is the co-op program. You work in a local business and earn a unit if you enroll in the final level of a career and technology completer program and qualify for cooperative education.

In this joint arrangement between your school and an employer, you receive advanced on-the-job training and a unit if you successfully complete 180 hours at the worksite and all school-based work your career and technology teachers assign.

To be eligible, you must have a record of good attendance and behavior, a “B” average or better in your career and technology program and a recommendation from your career and technology teacher.

To participate, you must show proof of insurance and provide your transportation to and from the worksite. Talk to your career and technology teacher to see if you qualify. We have included some of the specific co-op opportunities in this guide.

You may earn work-based credit in areas such as Agriculture, Architecture, Business, Drafting, Health Science and Manufacturing. See your school counselor for more details.

Fundamentals of Algebra

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

You’ll learn to use math to solve real work-related problems, which will help you understand math theories and practical ways they are used.

You’ll learn to solve basic equations, inequalities, graph linear equations, solve systems of equations and do arithmetic with polynomials.

Geometry

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

You’ll develop skills in critical thinking, logical reasoning and problem solving.

You’ll study properties of basic geometric figures including polygons and circles, transformations, vectors, coordinate geometry, congruence and similarity. You’ll also calculate surface area and volumes of three-dimensional objects. Topics will be studied with an emphasis on proofs.

Geometry Pre AP

Prerequisite: Algebra 2 Pre AP or teacher recommendation
Grade: 10
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll develop skills in critical thinking, logical reasoning and problem solving.

During second semester, you’ll review Algebra 2 concepts and be introduced to trigonometric functions and identities in preparation for PreCalculus Pre AP.

You may be expected to complete summer review work in preparation for your next math Pre AP class.

Intermediate Algebra

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

You’ll learn to use math to solve real work-related problems, which will help you understand math theories and

practical ways they are used.

You’ll review topics studied in Algebra 1. You’ll also factor polynomials and solve and graph linear and quadratic equations.

Intermediate Algebra - York Tech

Prerequisites: Dual enrollment class with York Tech
Grade: 12
Credit: 1 unit
Offered: Lancaster

You’ll study rational numbers and their applications, operations with algebraic expressions, linear equations and applications, linear inequalities, and more.

PreCalculus

Prerequisite: Algebra 1, Algebra 2 and Geometry
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll study polynomial, rational exponential, logarithmic, trigonometric and polar functions. Graphing calculators are an integral part of instruction.

PreCalculus Pre AP

Prerequisite: Geometry Pre AP
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll study polynomial, rational exponential, logarithmic, trigonometric and polar functions. Graphing calculators will be an integral part of instruction. You may be expected to complete summer review work to prepare for your next math Pre AP class and AP Calculus.

Probability & Statistics

Prerequisite: Intermediate Algebra or Geometry
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster (Grades 11-12)

You’ll explore the fundamentals of experimental and theoretical probability, including how to collect data and how to analyze data.

You’ll study basic statistical concepts like frequency distributions, central tendency, variability measures and data interpretation.

Look what you can do with what you learn in

ENGINEERING, INDUSTRY MANUFACTURING & SCIENCE

A’s & B’s

- Architect • Assembler • Automobile body technician • Automated manufacturing technician • Automobile mechanic
- Building contractor • Building inspector

C’s

- CAD drafter/designer • Carpenter • Chemical engineer • Civil engineer • Computer programmer
- Computer software designer

E’s & F’s

- Electrical/electronics technician • Engineer
- Farm manager • Fish & game warden • Forester

G’s & H’s

- Geologist • Golf course manager
- Groundskeeper • Horticulturist

I’s & L’s

- Industrial engineer • Landscape architect/designer

M’s & P’s

- Marine biologist • Mathematician
- Meteorologist • Physicist • Pilot • Printer

R’s & S’s

- Radio/TV service technician
- Sound technician • Surveyor

T’s & W’s

- Telecommunications worker
- Telephone/cable installer • Welder

What a counselor says



“Math skills, in particular, are very important if you’re interested in a career in the Engineering, Industry, Manufacturing and Science area. Make sure you take the math courses you’ll need to succeed in this area.”

– Rick Hodge
Lancaster High Counselor

Statistics AP

Prerequisite: Algebra 2 Honors or teacher recommendation
Grades: 11-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

You’ll study the science of data by collecting, classifying, summarizing, organizing, analyzing and interpreting numerical information.

You’ll explore data by observing patterns and departures from patterns, planning a study by deciding what and how to measure, anticipating patterns by producing models using probability and simulation and developing statistical inference by confirming models.

MODERN LANGUAGES

American Sign Language 1

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

You’ll learn the fundamentals of communicating with hearing-impaired and deaf individuals. You’ll get an overview of deafness and instruction in the manual alphabet and signs.

American Sign Language 2

Prerequisite: American Sign Language 1
Grades: 10-12
Credit: 1 unit
Offered: Indian Land

You’ll build on what you learned in American Sign Language and expand your vocabulary, grammatical knowl-

edge and cultural awareness.

You’ll build complex grammatical aspects of American sign language and focuses on receptive skills and producing of stories. Introductory level of Deaf Culture will be explained.

You’ll be able to converse in American Sign Language on an intermediate level.

American Sign Language 3

Prerequisites: ASL I & ASL II
Grade: 10-12
Credit: 1 unit
Offered: Indian Land

You’ll build on knowledge of the rules and discourse you learned in ASL I & ASL II.

You’ll review in-depth non-manual markers, personal nar-

ratives, grammar, structure, syntax, classifiers, pronominalization, use of space, turn taking and gestural styles.

You’ll also be introduced to deaf cultures history and literature.

French 1

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

You’ll be introduced to the French language and culture as you begin to develop basic skills of listening, speaking, reading and writing.

French 2

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

Your study of French will intensify as you work in-depth on skills and concepts introduced in French 1. You’ll continue to explore the culture of the French-speaking world.

French 3

Prerequisite: French 2
Grades: 11-12
Credit: 1 unit
Offered: Buford, Lancaster

You’ll refine what you learned during your first two years of French.

You’ll continue to practice and develop your reading,

listening, writing and speaking skills as you use research and projects to explore French culture.

French 3 Pre AP

Prerequisite: French 2
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

If you’re serious about learning French, this challenging course will let you go far beyond the basic level skills you get in French 1 and 2.

The course is conducted almost entirely in French, so you’ll get practice in listening, speaking, reading and writing the language.

You’ll move at a faster pace than in college prep classes; you’ll cover more content in vocabulary and grammar in a shorter time. Higher-order thinking skills are emphasized and writing as a process is practiced almost everyday. You’ll also complete projects that combine writing skills, culture and technology.

French 4 Pre AP

Prerequisite: French 3 or French 3 AP
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Lancaster

You’ll develop advanced skills in reading, writing and speaking through a more intense study of literature and publications.

You’ll also master more advanced grammar usage and expand your vocabulary to prepare for French AP.

French AP

Prerequisite: French 4 Pre AP
Grades: 11-12
Credit: 2 units (year-long) first semester-honors credit; second semester-AP credit
Offered: Lancaster

You’ll develop advanced skills in reading, writing and speaking as you work to master more advanced grammar usage and expand your vocabulary.

You’ll focus on written and oral language and literature with an intense study of literature and periodicals

to help you improve writing skills. Your studies will follow advanced placement competencies.

Japanese 1

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

You’ll be introduced to the Japanese language and culture as you begin to develop the basic skills of listening, speaking, reading and writing Japanese characters.

You’ll also examine the practices, products and perspectives of Japanese-speaking culture and learn to recognize and use situation-appropriate non-verbal communication.

Japanese 2

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

You’ll progress in the writing of Japanese 2 from basic katakana and hiragana (phonetic alphabets) into about 200 kanji (Chinese pictographs).

You’ll also be introduced to advanced conversation, reading and grammar and learn nuanced language particular to Japanese culture.

Japanese 3

Prerequisite: None
Grades: 11-12
Credit: 1 unit
Offered: Indian Land

You’ll progress from the writing you studied in Japanese II – basic katakana and hiragana (phonetic alphabets) – into about 200 kanji (Chinese pictographs).

You’ll also study advanced conversation, reading and grammar are introduced. Nuanced language particular to Japanese culture also is taught.

Japanese 4

Prerequisites: Japanese 3
Grade:
Credit:
Offered: Indian Land

You’ll continue your study of material you learned in

Japanese 3: reading comprehension, spoken fluency, composition, in to low advanced Japanese ability. Chinese characters (Konji), honorific speech (Keigo) and intermediate- advanced Japanese.

Spanish for Native Speakers

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

You’ll be introduced to the Spanish language and culture as you begin to develop the basic skills of listening, speaking, reading and writing.

Spanish 1

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

You’ll be introduced to the Spanish language and culture as you begin to develop the basic skills of listening, speaking, reading and writing.

Spanish 2

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

Your study of Spanish will be intensified as you work in-depth on skills introduced in Spanish 1.

You’ll continue to explore the culture of the Spanish-speaking world.

Spanish 3

Prerequisite: Spanish 2
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster (Grades 11-12)

You’ll refine what you learned during your first two years of Spanish.

You’ll continue to practice and develop your reading, listening and speaking skills as you use research and projects to explore Spanish culture.

Spanish 3 Pre AP

Prerequisite: Spanish 2
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster (Grades 11-12)

If you’re serious about learning Spanish, this challenging course will give you an opportunity to go far beyond the basic level skills you acquired in Spanish 1 and 2.

You’ll cover more content over a shorter period of time. Higher-order thinking skills are emphasized, and writing as a process is practiced almost every day. You’ll also complete projects that combine writing skills, culture and technology.

Spanish 4 Pre AP

Prerequisite: Spanish 3
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster (Grade 12)

You’ll develop advanced skills in reading, writing and speaking.

After a brief review of grammar and vocabulary from your first three years, you’ll master more advanced usage and expand your vocabulary as you prepare for Spanish AP.

You’ll get an intense study of literature and publications to improve writing skills.

Spanish AP

Prerequisite: Spanish 3 Pre AP
Grade: 12
Credit: 2 units (year-long) 1st semester-honors credit; 2nd semester-AP credit
Offered: Buford, Indian Land, Lancaster (Grade 12)

You’ll develop advanced skills in reading, writing and speaking as you work to master more advanced grammar usage and expand your vocabulary.

You’ll concentrate on written and oral language and literature through an intense study of literature and periodicals.

You’ll also get an intense study of literature and publications as you improve your writing skills. You’ll follow the AP curriculum.

WHY LEARN A SECOND LANGUAGE

Get a glimpse of other cultures

As our world seems to get smaller, we have more reason than ever to learn a second language. Each high school offers all students that opportunity.

Students in French, Spanish, Japanese or American Sign Language will learn about the culture that uses the target language.

The curriculum is built on the 5 C’s of the South Carolina *Academic Standard for World Language Proficiency* (2013):

- **communication** (interpersonal, interpretive and presentational),
- **cultures** (perspectives, practices and products),
- **connections** with other disciplines,
- **comparisons** to their first language and
- **community.**

Students will learn more about each of these areas as they increase their proficiency in the language.

“There’s no better way to learn more about other cultures than to take a second language,” Andrew Jackson High Counselor Brandi Brown said. “Students will also learn more about themselves in the process as a part of the rest of the world is brought into the classroom.”

PHYSICAL EDUCATION

Physical Education 1

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

You’ll develop your personal fitness and wellness.

You’ll also study proper nutrition and proper body maintenance practices and take part in activities valuable for recreation now and in the future. You may focus on

activities such as badminton, volleyball, soccer, tennis, aerobics or football.

One unit of physical education or JROTC is required for graduation.

Physical Education 2

Prerequisite: Physical Education 1
Grades: 10-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

If you want to build on skills you gained in Physical Education 1, take this course.

You’ll focus on developing a higher performance level in sports including volleyball, soccer, tennis, aerobics, football or badminton.

Physical Education - Weightlifting/Track

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

If you’re interested in im-

proving your body strength, stamina and flexibility, this course will benefit you.

You’ll follow a precise regimen of weight training, and you may work to enhance your running skills if your course has a track component.

You can take any course at any high school – even if the course isn’t offered at your school Just sign up through your school counselor

FOR LANCASTER COUNTY SCHOOL DISTRICT
COURSEGUIDE
300 South Catawba Street, Lancaster, SC 29720
The Course Guide was compiled by the district’s high school principals, school counselors and district support staff. The Course Guide is published each year for students, parents and staff and is based on the most current information available at the time of publication. The district reserves the right to cancel any courses for which there is insufficient enrollment or for which funding or personnel are unavailable.
Coordinator: Butch Dutton
Staff: Rachel Bradley, Nicki Letterman
Editor: Michelle Craig
Superintendent: Dr. Jonathan Phipps

Notification of Compliance
The district does not discriminate on the basis of race, color, national origin, age, sex, religion, immigrant status, limited English speaking status, and/or disability in admission to, access to, treatment in or employment in its programs and activities.
The following staff handle inquiries regarding non-discrimination policies: Section 504 inquiries—Lindsey Marino, Student Services Director, 302 W. Dunlap St. Lancaster, SC 29720, 803-285-8439; Title IX & Title II of the ADA inquiries—Angela Vaughan, 300 S. Catawba St., Lancaster, SC 29720, 803-286-6972.

4 EASY Steps

to nominate
a great teacher

for a
*Celebrate
Great
Teaching
Award*

Step 1

- ◆ A nomination form is on Pages 23-24. Or pick one up from your school, the district office. Or print one off our website.

Step 2

- ◆ Find someone to nominate the teacher with you.
- At least two people must submit a nomination form for it to be considered.
- Students, parents, teachers, administrators or community members can nominate teachers.

Step 3

- ◆ On the nomination form, check the actions you've seen demonstrated by the teacher you're nominating and give specific examples of your teacher's actions.

Step 4

- ◆ Nominations are due by the end of first semester.
- No late nominations will be accepted.

PUBLIC SERVICE

Emergency & Fire Management Services 1

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn basic skills needed for entry-level duties as a firefighter or emergency medical technician.

Your studies will include

- examining the basic concepts of safety in the emergency and fire services;
- learning and understanding universal precautions to protect against certain diseases;
- practicing communicating verbally and in writing through incident reports;
- exploring careers in firefighting and emergency medical services;
- learning regulations and procedures for operating an emergency vehicle;
- learning basics of Emergency Medical Services system, including how and when to call EMS, basic first aid and first responder medical treatment;
- demonstrating knowledge of fire suppression and of equipment in special fire and/or EMS operations.

Emergency Telecommunicate National Certification Course

Prerequisites: Senior completer in Protective Services, Firefighting, or Health Science
Grade: 12
Credit: 1 unit
Offered: Career Center

You'll study the roles and responsibilities of an ETC and learn how to demonstrate the ability to communicate on written form, demonstrate the understanding of a criminal law and managing stress.

Firefighter Training 1/ Fundamentals

Prerequisite: None
Age requirement of 16
Credit: 1 unit
Offered: Lancaster

If you're interested in a fire service career, volunteer service or post-secondary education in fire service, you should take this course.

During the course – a partnership with the Lancaster County Fire Service – you'll complete a comprehensive fire service educational program.

Your studies will include

- an introduction to fire service,
- firefighting history, infection control and more.

Firefighter Training 2/ Hazardous Materials

Prerequisite: Firefighter Training 1 Fundamentals
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll build on what you

learned in Firefighter Training Fundamentals. Topics include hazardous materials, building construction, weapons of mass destruction, low angle rope operations and more.

If you complete this course, you can volunteer and be present at the scene of an emergency.

Firefighter Training 3/ Firefighter Certification 1

Prerequisite: Firefighter Training 2/Hazardous Materials
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll prepare for the first level of firefighter certification as recognized by the National Fire Protection Association (NFPA) and the International Fire Service Accreditation Congress (IFSAC).

Firefighter Training 4/ Firefighter Certification 2

Prerequisite: Successful completion of Firefighter Training 3
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll prepare for the final level of firefighter certification as recognized by the National Fire Protection Association (NFPA) and the International Fire Service Accreditation Congress (IFSAC).

Junior Reserve Officers Training Corps (JROTC)

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

If you're a physically fit male or female student and want to build leadership skills, take the Army Junior Reserve Officers Training Corps.

In this elective, you'll receive military and leadership instruction to build your leadership potential. You'll also receive instruction in technical subjects with military and civilian application.

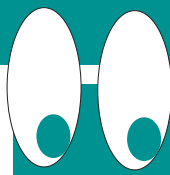
You may substitute a JROTC unit for the physical education unit required for your high school diploma.

Taking JROTC doesn't obligate you for military service, but you can get an advanced rank in the Armed Forces if you complete three years of the four-year program.

Introduction to Law Enforcement & Public Safety

Prerequisite: None
Grades: 9-10
Credit: 1 unit
Offered: Career Center

You'll learn about the evolution of law enforcement, from its historical inception to contemporary policing as well as the challenges facing law enforcement including drugs, gangs and terrorism.



Look what you can do
with what you learn in
PUBLIC SERVICE

C's

- City/county administrator • Clerk of court
- College professor • Corrections officer

D's

- Detective

E's & F's

- Emergency medical technician • Firefighter
- Food & drug Inspector

L's & M's

- Lawyer • Legislator • Lobbyist • Military officer

P's

- Paralegal • Police officer • Politician
- Postal worker • Pre-school worker

R's & S's

- Recreational director • Social worker • State trooper

T's & V's

- Tax collector • Teacher • Teacher's aide

What a counselor says

- "As you plan the courses in your cluster, keep in mind the specific careers you're interested in and choose courses with the skills and experiences you'll need."



– Charmaine Johnson
Lancaster High Counselor

You'll learn about police conduct issues such as use of force, civil liability and corruption, as well as departmental issues faced by law enforcement, including hiring practices, training and retention.

You'll examine the relationship between law enforcement and the criminal justice system.

Law Enforcement Services 1

Prerequisite: Introduction to Law Enforcement & Public Safety
Grades: 10-11
Credit: 1 unit
Offered: Career Center

You'll study the traditional steps in the police application process and work toward preparing for your career.

You'll work to strengthen your writing and grammar as well as public speaking and interview skills.

You'll learn how protective services careers have expanded and the role they'll play in the future of the field.

You'll study major events that have forever changed the

face of the profession as you begin a portfolio to enhance your competitiveness.

Law Enforcement Services 2

Prerequisite: Law Enforcement Services 1
Grades: 10-11
Credit: 1 unit
Offered: Career Center

You'll focus on the written communication of law enforcement, including writing reports, tickets and warrants.

You'll also continue to build your portfolio.

Law Enforcement Services

(Work-based credit)
Prerequisite: At least three courses in the Law Enforcement Services Program
Grade: 12
Credit: 1 unit
Offered: Career Center

You'll learn valuable on-the-job skills at the agency that interests you.

Past assignments have included the Lancaster Police Department, Lancaster County Sheriff's Office and Lancaster County Coroner's Office.

Our district website - www.lancastercsd.com
& follow us
on Facebook & Twitter

SCIENCE

Anatomy & Physiology

Prerequisite: Biology 1 and Chemistry 1
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson , Lancaster

You’ll study the human body’s structure and its mechanical, physical and biochemical functions.

Anatomy & Physiology Pre AP

Prerequisites: Biology 1 & Chemistry 1 PreAP
Grades: 11-12
Credit: 1 unit
Offered: Buford

You’ll study the human body systems along with the body’s chemical processes.

You’ll develop an understanding of the relationships between structures and functions of the human body as well as how they interact to maintain homeostasis.

You learn through inquiry assignments and lab activities to develop a complete comprehension of the anatomy and physiology of the human body.

Biology AP

Prerequisite: At least a B average in Biology and Chemistry Pre AP
Grades: 11-12
Credit: 1 unit
Offered: Buford, Indian Land, Lancaster

Your studies will emphasize topics covered by the College Board AP Test, which is given in the spring.

The course is for advanced science students with special interests in biology.

You’ll need to register for a Pre-Biology AP course.

Biology 1

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

Your studies will range from the basic cell to advanced organisms and how they work and live together.

You’ll get in-depth instruction on biological principles and terms as you complete laboratory activities.

Biology 1 Pre AP

Prerequisite: None
Grades: 9-10
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll study biochemistry, cell biology, taxonomy, comparative anatomy, human anatomy and physiology and ecological systems.

You’ll use concepts you learn for independent investigations in open-ended labs and student-initiated projects.

Biology 2

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

If you’re an advanced science student with a special interest in biology, take this course.

You’ll do extensive lab work with detailed reports required.

Biology 2 Pre AP

Prerequisite: Biology 1 Pre AP or teacher recommendation
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

If you’re interested in taking Biology AP, this is the prerequisite course.

You begin to cover context and do lab experiments related to the thinking required on the Biology AP exam.

Chemistry 1

Prerequisite: Algebra 1, Biology
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster (Grades 11-12)

You’ll study inorganic matter, its composition and its changes, with strong emphasis on the mathematical concepts and calculations in Chemistry 1.

You’ll also find lab work is an essential part of the course.

Chemistry 1 Pre AP

Prerequisite: Physical Science Pre AP or teacher recommendation
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster (Grades 11-12)

You’ll cover traditional Chemistry 1 material in great depth as you use the graphing calculator and CBL to conduct experiments.

Activities will be filled with opportunities to think critically about open-ended questions. You’ll also complete at least one research project.

Chemistry 2

Prerequisite: Chemistry 1 or Chemistry 1 Pre AP
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

Chemistry 2 is for you if you are interested in pursuing science as a career.

Your work will emphasize the mathematical approach and will involve a study of nomenclature, molecule structure and types of reactions of organic chemistry.

Emphasis is on lab experiences.

Chemistry 2 Pre AP

Prerequisite: Chemistry 1 or Chemistry 1 Pre AP
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

Chemistry 2 is for you if you’re interested in pursuing science as a career or AP.

Your work emphasizes the mathematical approach and involve studying nomenclature, molecule structure and types of organic chemistry reactions.

Emphasis is on lab experiences related to AP coursework.

Chemistry AP

Prerequisite: Chemistry 2 Pre AP
Grades: 11- 12
Credit: 1 unit
Offered: Indian Land, Lancaster

You’ll prepare for the AP Chemistry exam in this college-level course. Your exam score may earn you credit at many colleges and universities.

You’ll study all aspects of aqueous chemistry and chemical reactions including chemical nomenclature, equilibria, thermodynamics and kinetics.

You’ll be required to take a Chemistry 2 Pre AP course.

Earth Science

Prerequisite: None
Grades: 10-12
Credit: 1/2 unit or 1 unit
Offered: Buford

You’ll gain a better knowledge of the Earth, its physical makeup and its place in the universe as you study energy in the Earth system, geochemical cycles and the origin and evolution of the universe and Earth system.

You’ll take part in rigorous and integrated hands-on lab activities, cooperative learning opportunities and video programs with textbook materials.

Environmental Science

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

You’ll study ecology, world food supplies, overpopulation, conservation, political and economic concerns, and pollution.

You’ll learn how systems interact as you study the impact people have on natural systems.

Environmental Science AP

Prerequisite: At least a “C” in Biology 1 and Chemistry 1
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You’ll study ecosystems, and the use and protection of our natural resources.

Your world is the classroom as you conduct lab and field experiments related to your studies.

You must be a good critical

observer as you plan and conduct experiments. You also must think analytically and apply concepts as you draw conclusions based on your investigations. If you score a 3 or greater on the AP Exam, you may earn college credit.

Physical Science

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

You’ll explore basic chemistry and physics and prepare for future science courses.

You’ll study the atom, chemical reactions and the Periodic Table and study machines, energy forms and force.

You’ll do lab work in most areas. You’ll also review metric measurement and learn problem-solving skills with formulas. A solid background in math is necessary.

Physical Science Pre AP

Prerequisite: Placement in Math Pre AP or teacher recommendation
Grade: 10
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll prepare for Chemistry AP and Physics AP.

You’ll study properties of matter, chemical bonding and chemical reactions and the behavior of matter and energy as you build your critical thinking and problem-solving skills through analytical lab work.

Physics

Prerequisite: Chemistry or Algebra 2
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You’ll build an understanding of the physical laws fundamental to sciences.

You’ll do lab activities coordinated with course content.

Physics AP

Prerequisite: Pre AP Geometry and Pre AP Physical Science
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson

You’ll prepare for the AP Physics Exam in this course.

You’ll explore Newtonian mechanics, work, energy, power, mechanical waves and sound and simple circuits during this algebra-based course.

Physics Pre AP

Prerequisite: Chemistry 1 Pre AP and Geometry Pre AP
Grades: 11-12
Credit: 1 unit
Offered: Indian Land

You’ll explore Newtonian mechanics, work, energy, power, mechanical waves and sound and simple circuits during this algebra-based course.

You won’t receive AP credit for this course.

Why Attend

When you miss school, you lose

When you miss school, you miss out.

“Our district takes school attendance very seriously, and we need everyone’s support to address this issue in our community,” Chief Operations Officer Lydia Quinn said.

“For students to be successful, they must be in school, be in class on time and remain in school until regular school dismissal,” Quinn said.

Limit for absences

The number of days a student can miss and still receive credit is six days in a unit course on the block schedule and three days in a 1/2-unit course on the block schedule. In year-long courses, the maximum number of days absent is ten.

“These days should only be used for such things as doctor’s appointments, health problems or illnesses,” said Quinn.

Notes due in two days

Notes from medical professionals as well as those from parents must be turned in by two days after the absence for the absence to be excused.

Parental involvement

Parents are notified early about attendance problems and are invited to work with the Attendance Team to create a plan to improve attendance.

If attendance problems continue, parents will be informed and asked again to help.

Time/work must be made up

With the principal’s approval, a student with more absences than allowed must make up time and classwork to earn course credit.

Students may recover no more than six absences in a one-unit course and no more than three absences in a one-half unit course.

Want to learn in the Real World?

Job Shadowing

You spend one day with a person who works in a career you’re considering. Your absence from school is excused, and you get firsthand experience that gives you an idea of what that career would be like.

Co-op

Co-op is a paid work experience that allows you to combine a paid job with classroom instruction. The co-op is for seniors who have completed a specific CATE program.

Our district BELIEVES in putting our CHILDREN FIRST by...

...providing
a comprehensive &
challenging curriculum

...providing
quality, differentiated
instruction for students

...holding
all personnel
accountable
for our students &
their learning

...preparing
students to be
productive citizens
in the 21st century

...promoting
the recruitment,
development &
retention
of quality personnel

...developing
partnerships with
home & community

...ensuring
integrated support
services

...providing
a safe & supportive
environment

...valuing
the diversity &
individuality
of every child

...allocating
resources
in a responsible &
equitable manner

SOCIAL STUDIES

African American Studies

Prerequisite: United States History
Grades: 11-12
Credit: 1 unit
Offered: Lancaster

You'll study the origins of early African civilizations and their impact on the world.

You'll concentrate on the Atlantic Slave Trade/the Middle Passage and slave labor in South and North America and evaluate life in the Antebellum South and how slavery shapes the lives of today's African-Americans.

You'll also study the Abolitionist Movement and its key leaders, contributions by African Americans – segregation to desegregation – and the Civil Rights movement.

Economics

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

You'll build a foundation to understand American economic system principles.

Your studies include supply and demand, business and labor, market economy, financial institutions and world economy.

You'll also develop skills for handling your personal finances through a *National Endowment for Financial Education* program.

You'll study financial planning, budgets, savings, investments, credit and insurance.

European History AP

Prerequisite: None
Grade: 10
Credit: 1 unit
Offered: Indian Land, Lancaster

You'll be introduced to the cultural, economic, political and social development of Europe through this study of European history since 1450.

Your goals are to develop an understanding of principal themes in modern European history, an ability to analyze historical evidence and interpretation, and an ability to express historical understanding in writing.

If you score a 3 or higher on the AP exam, you may earn college credit.

Global Studies World History

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

You'll probe civilization's development from the Middle Ages (1300) to today's global society.

Government

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

You'll develop a better understanding of how our government works with emphasis on the individual's role within our federal system.

History Through Literature

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

You'll read novels and short stories about history to analyze and interpret how literature has contributed to much of what we know about significant historic events and cultures.

Human Geography AP

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

You'll be introduced to a systematic study of patterns and processes that shape human understanding, use and alteration of Earth's surface.

You'll use spatial concepts and landscape analysis to examine human social organization and its environmental consequences. You'll also learn methods and tools geographers use in their science and practice.

Humanities

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

You'll study beliefs, thoughts and traditions of humankind reflected in areas of life, as we emphasize critical thinking, creativity and the individual's rights and responsibilities in society.

You'll explore aspects of human behavior and ideals and engage in activities focused on the arts, including architecture, dance, film, music, theater, TV and visual arts.

Psychology

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

You'll study the science of human behavior and expand your self-awareness and understanding of how others behave.

Psychology AP

Prerequisite: None
Grades: 10-12
Credit: 1 unit
Offered: Indian Land 11 & 12 only, Lancaster

You'll study psychology's

history and research methods.

You'll cover topics such as sensation and perceptions, states of consciousness, personality theories, psychological testing and treatment, and abnormal psychology.

You'll learn about brain research as you explore how people think and learn.

If you score a 3 or greater on the AP Exam, you may earn college credit.

Sociology

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

You'll be introduced to the structure of society and culture.

You'll emphasize social institutions, cultural norms, modern social problems, social classes and roles.

Survey of U.S. History

Prerequisite: None
Grade: 11
Credit: 1 unit
Offered: Andrew Jackson, Buford

You'll study the United States with a brief study of the English colonies' settlement and the American Revolution.

You'll then study the Constitution, Civil War and Reconstruction, industrialization, World Wars, human rights and foreign policy to the present day.

U.S. History

Prerequisite: None
Grade: 11
Credit: 1 unit
Offered: Andrew Jackson, Buford, Indian Land, Lancaster

You'll study the United States with a brief study of the English colonies' settlement and the American Revolution.

You'll study the Constitution, Civil War, Reconstruction, industrialization, the World Wars, human rights and foreign policy to present day.

US History PreAP

Prerequisites: Academic Performance
Grade: 11
Credit: 1 unit
Offered: Buford

You'll study the United States from the English colonies' settlement, the American Revolution, constitution, civil war and reconstruction, industrialization, the world wars, human rights and American foreign policy to the present.

You'll learn to read historical material analytically and critically, as well as how to interpret primary sources and reach conclusions with supported evidence.

U.S. History AP

Prerequisite: Academic performance
Grade: 11
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

You'll examine the context of historical facts and their significance.

You'll learn to read historical materials analytically and critically, weigh historical evidence and interpretations, and reach conclusions using informed judgment.

You'll also study major documents, historians, interpretations of American history and the Constitution.

United States Government and Politics - AP

Prerequisites: US History and the Constitution, Economics and Government
Grade: 12
Credit: 1 unit
Offered: Andrew Jackson

You'll study the Constitution underpinnings of US Government, political beliefs and behaviors, political parties, interest groups, mass media, institutions of national government, public policy and civil rights and liberties.

World Geography

Prerequisite: None
Grades: 9-10
Credit: 1 unit
Offered: Lancaster

You'll study physical geography, map usage, population patterns and international involvement in conservation of natural resources.

You'll use the problem approach to solve social and economic problems caused by overpopulation.

World History Pre AP

Prerequisite: Academic performance; English Pre AP recommended
Grades: 9-10
Credit: 1 unit
Offered: Andrew Jackson, Indian Land, Lancaster

You'll explore in-depth the development of civilization from 1300 to the present.

As you read and write about the past, you'll make connections to the present and consider possibilities for the future based on trends and patterns in history.

Your studies will emphasize critical thinking, analysis and synthesis of aspects of world history.

You'll research and study current events to broaden your knowledge of world history.

OUR HIGH SCHOOL COUNSELORS/CAREER SPECIALISTS

Andrew Jackson High – Principal Alex Dabney
475-2381/283-1958 • Fax– 475-7317 • 6925 Kershaw-Camden Hwy., Kershaw, SC 29067



Brandi Brown
Director



Donna Morrow
School Counselor



LaTasha Thompson
School Counselor/ Career

Indian Land High – Principal David Shamble
547-7571/286-8470 • Fax– 547-7366 • 8063 River Road, Indian Land, SC 29707



Marisa King
Director



Ebony Foster
School Counselor/ Career Specialist



Barry Ledford
School Counselor



Tychonna Urquhart
School Counselor



ShaTonna Walker
School Counselor

Buford High – Principal Michael Belk
286-7068 • Fax– 286-8147 • 4290 Tabernacle Road, Lancaster, SC 29720



Lisa Cauthen
Director



Paula Stegall Lail
School Counselor/ Career Specialist



Eron Watts
School Counselor

Lancaster High – Principal Rosalyn Mood
283-2001 • Fax– 286-6962 • 325 Woodland Drive, Lancaster, SC 29720



Eric Byrd
Director



Jerron Cauthen
School Counselor



Rick Hodge
School Counselor



Charmaine Johnson
School Counselor



Sarah Jordan
School Counselor/ Career Specialist

TRANSPORTATION

Automotive Collision 1 - Basic Panel Repair

Prerequisite: None
Grades: 10-11
Credit: 1 unit
Offered: Career Center

You'll develop the ability to work safely and keep a safe work area; operate a fire extinguisher; safely use hand and power tools; set up, light adjust and burn straight cuts in sheet metal.

You'll demonstrate MIG welding skills by setting up a welder and constructing a bead weld-spot weld-plug weld; rough out, shrink and align sheet metal.

You'll learn how to fill panel irregularities, repair rust and prime repaired area and sand to proper contour.

Automotive Collision 2 - Painting & Refinishing Skills

Prerequisite: Basic Panel Repair
Grades: 10-12
Credit: 1 unit
Offered: Career Center

You'll learn to work safely and keep a safe work area.

You'll also learn to operate a fire extinguisher and protect yourself from vapors and solvents by using proper safety equipment.

You'll machine and hand-sand panels to prepare for refinishing, mask unpainted areas and trim, apply undercoats (lacquer and urethane), color coats and clear coats: single-stage, 2-stage, 3-stage.

You'll also color, sand and buff new paint and complete for final finish inspection.

Automotive Collision 3 - Panel Replacement & Alignment

Prerequisite: Painting & Refinishing Skills
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll learn to work safely and keep a safe work area as you learn to operate a fire extinguisher and demonstrate safe use of frame equipment.

You'll remove, replace and align all cosmetic panels, demonstrate structural alignment along with suspension components, arrange structural alignment with Chief E-Z Liner Frame Equipment, and demonstrate all stationary glass, marble glass replacement and alignment.

Automotive Collision 4 - Center Operations

Prerequisite: Panel Replacement & Alignment
Grades: 11-12
Credit: 1 unit
Offered: Career Center

You'll develop the ability to compute parts and labor costs for damaged vehicles.

You'll determine material cost, complete estimate forms and identify all shop personnel and their duties, salaries and benefits.

You'll study other careers such as insurance adjuster, instructor, equipment salesperson and dealership parts counter-person.

You'll learn basic shop layout and equipment needed in a collision center and maintenance on this equipment.

Automotive Science - Introduction to Transportation, Distribution & Logistics

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

You'll study basic automotive servicing, maintenance and repair.

You'll learn basics of drive train systems; repair of ignition, brake, collision damage; and removal, testing, repair and replacement of defective or damaged parts.

You'll get a thorough understanding of automotive industry employment opportunities as you prepare for advanced training in automotive technology or auto collision repair.

Automotive Technology 1

Prerequisite: Automotive Science where offered
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Career Center (Grades 9-11), Indian Land

You'll focus on entry-level repair and brake systems diagnosis and basic engine repair.

You'll learn proper safety protocol and how to work professionally with others.

You'll also learn basics of hydraulic systems and brake repair as well as common engine repair like gasket replacement and diagnosis of fluid leaks.

Automotive Technology 2

Prerequisite: Auto Technology 1
Grades: 9-11
Credit: 1 unit
Offered: Andrew Jackson, Career Center, Indian Land

You'll learn to diagnose, repair and adjust steering, suspension concerns and wheel alignment angles.

You'll learn about manual drive components, how clutches work and how power is transferred from the engine to the wheels.

Automotive Technology 3

Prerequisite: Auto Technology 2
Grades: 10-12
Credit: 1 unit
Offered: Andrew Jackson, Career Center (Grades 11-12), Indian Land

You'll learn how to diagnose electrical concerns using digital multimeters and wiring diagrams and how to make proper wiring repairs using connectors and soldering techniques.

You'll also learn basics of heating and air conditioning like how climate control systems work to heat and cool the vehicle.

Automotive Technology 4

Prerequisite: Auto Technology 3
Grades: 11-12
Credit: 1 unit
Offered: Andrew Jackson, Career Center (Grades 11-12), Indian Land

You'll use computer scanners to monitor and diagnose fuel injection systems. You'll retrieve and record diagnostic trouble codes.

You'll also learn about automatic transmission operation and how to perform routine maintenance on transmissions.

Transportation 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, Career Center, Indian Land

You'll put your Transportation courses in action as you get on-the-job training.

See your counselor and the Page 15 sidebar for details.

3 reasons to do well in high school

3 You'll get to do more "fun" stuff in high school

Do well in high school, and you'll have **WAY MORE** chances to do fun stuff – take **more trips**, get to be part of **cool programs**, get to **make connections** with other successful people who motivate you to do well.

2 You'll build the skills to be REAL successful in your career

Successful people are people who

- ◆ are **on time**,
- ◆ have great **attendance**,
- ◆ know how to **get along** with people,
- ◆ know how to work in **teams**,
- can **communicate** clearly and effectively,
- ◆ have good **math skills**,
- ◆ understand the past and use it to help them **succeed in the future**,
- ◆ And if you work to do well in high school, you'll develop all those **skills and habits**.

1 You'll make WAY more money! \$\$\$\$

Do well in high school, and you'll almost **ALWAYS** make way **more money** after high school.

Over your lifetime, when you have a **college or technical** degree, you'll earn approximately **\$1 million more** than a person without a postsecondary education.

And a **high school graduate** will earn nearly **\$500,000 more** than a high school drop-out.

That's serious **cash! \$\$\$**

And a lot more **\$\$\$\$** to spend on the things you want

- ◆ **nice clothes**
- ◆ **that car**
- ◆ that **dream home**
- ◆ cool **trips**
- ◆ that **beach house**
- ◆ the good things for your **family**

DUAL CREDIT COURSES

ANTHROPOLOGY

Anthropology 101 - USCL

Prerequisite: At least a B average in college prep courses
Grades: 10-12
Credit: 1 unit/3 hours college credit through USCL
Offered: USCL campus
Fees: You may be required to purchase textbooks or materials

You'll explore human origins, human evolution, human prehistory and cultural existence from its less complex forms to early civilizations.

You'll also be introduced to the concepts, methods and data of physical, biological and archaeological anthropology.

Anthropology 102 - USCL

Prerequisite: At least a B average in college prep courses
Grades: 10-12
Credit: 1 unit/3 hours college credit through USCL
Offered: USCL campus
Fees: You may be required to purchase textbooks or materials

You'll explore and compare contemporary cultures, including their languages.

You'll be introduced to the concepts, methods and data of socio-cultural anthropology and anthropological linguistics.

ASTRONOMY

Astronomy 101

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

You'll study the solar system.

BIOLOGY

Biology 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 be introduced to macromolecules, cell structure and function, genetics and molecular biology.

BIO 105 - York Tech

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

You'll study the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, mendelian genetics, population genetics, natural selection, evolution and ecology.

CHEMISTRY

Chemistry 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 basic solution chemistry.

CRIMINAL JUSTICE

Criminal Justice 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.

ECONOMICS

Economics 221 - 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 study supply and demand, pricing and cost

• • • • • **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 or York Tech college campuses.

• • • • • 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.

• • • • • 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 college campuses** • • • • •

• • • • • You can also sign up to take dual-credit courses on USCL and York Tech college campuses.

• • • • • 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 or York Tech 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. There may be additional fees not covered. Please check with the college in regards to additional fees.

• • • • • 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 Pages 20-23.

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

• • • • • concepts, firm and consumer decision-making, market structure and government policies.

• • • • • **EDUCATION** • • • • •

• • • • • **Coaches in Training** • • • • •

• • • • • Prerequisite: None
• • • • • Grades: 11-12
• • • • • Credit: 1 unit dual credit
• • • • • Offered: Lancaster

• • • • • You'll cover the same materials as *Teacher Cadet* but with a coaching slant – you'll tutor a student and work with a classroom teacher to give you get more insight on the learner, teaching in the classroom, observing and field experience.

• • • • • **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.

• • • • • **ENGLISH** • • • • •

• • • • • **English 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.

• • • • • **English 101 - York Tech** • • • • •

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

• • • • • You'll study composition with appropriate literary selections.

• • • • • You'll have frequent theme assignments to reinforce effective writing and review standard usage and the basic techniques of research.

• • • • • **English 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.

• • • • • **English 102 - York Tech** • • • • •

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

• • • • • You'll develop writing skills through logical organization, effective style, literary analysis and research.

• • • • • You'll also be introduced to literary genre.

• • • • • **FINANCE** • • • • •

• • • • • **Finance 369-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 study life insurance, health insurance, wills, trusts, Social Security, stocks, bonds, real estate, mutual funds and other uses of funds.

• • • • • **GEOLOGY** • • • • •

• • • • • **Geology 101 - USCL** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/4 hours college credit through USCL
• • • • • Offered: USCL campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll study the origin and nature of the earth with emphasis on internal processes and phenomena such as earthquakes, volcanoes, and mountain building; surface processes, including landform evolution.
• • • • • **Note:** Three lectures and three laboratory hours each week.

• • • • • **Geology 103 - USCL** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/4 hours college credit through USCL
• • • • • Offered: USCL campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll analyze basic energy cycles of the earth and study how the interaction of human activity with earth processes to affect the environment.

• • • • • **GOVERNMENT** • • • • •

• • • • • **Government 201 - 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 study the formation and development of the national government, its organization and powers.

• • • • • **HISTORY** • • • • •

• • • • • **History 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 explore human origins, human evolution, human prehistory and cultural exis-

tence from its less complex forms to early civilizations.

• • • • • You'll be introduced to the concepts, methods and data of physical, biological and archaeological anthropology.

• • • • • **History 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 study European development and expansion from the mid-17th century to the present.

• • • • • **History 108 - 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 study the development of science and technology and their roles in world civilizations from antiquity to the present.

• • • • • **History 111 - 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 get a general survey of the United States from the era of discovery to 1865 with an emphasis major political, economic, social and intellectual developments.

• • • • • **History 112 - 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 get a general survey of the United States from 1865 to the present, emphasizing major political, economic, social and intellectual developments.

• • • • • **INFORMATION TECHNOLOGY SYSTEMS** • • • • •

• • • • • **IST 201 - York Tech** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/3 hours college credit through York Tech
• • • • • Offered: York Tech campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll study current and emerging computer networking technology.

• • • • • You'll learn about safety; networking, network terminology and protocols, network standards, LANs; WANs, OSI models, cabling, cabling tools, Cisco routers, router programming, STAR topology and IP addressing.

• • • • • **IST 202 - York Tech** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/3 hours college credit through York Tech
• • • • • Offered: York Tech campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll continue your study of LANs, WANs, OSI models,

ethernet, token ring, fiber distributed data interface TCP/IP addressing protocol, dynamic routing, routing, and the network administrator's role and function.

• • • • • **IST 203 - York Tech** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/3 hours college credit through York Tech
• • • • • Offered: York Tech campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll study advanced configuring cisco routers.

• • • • • **IST 204 - York Tech** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/3 hours college credit through York Tech
• • • • • Offered: York Tech campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll learn to troubleshoot network problems.

• • • • • **MATH** • • • • •

• • • • • **MAT 101 - York Tech** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/3 hours college credit through York Tech
• • • • • Offered: York Tech campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll study operations with signed numbers; addition, subtraction, multiplication, and division with algebraic expressions; factoring; techniques for solving linear and fractional equations.

• • • • • You'll also be an introduced to graphing.

• • • • • **MAT 103 - York Tech** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/3 hours college credit through York Tech
• • • • • Offered: York Tech campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll develop quantitative reasoning and critical-thinking skills.

• • • • • You'll study logic and computers, probability and statistics, financial mathematics and additional applications selected to address areas of contemporary interest.

• • • • • **MAT 120 - York Tech** • • • • •

• • • • • Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
• • • • • Grades: 11-12
• • • • • Credit: 1 unit/3 hours college credit through York Tech
• • • • • Offered: York Tech campus
• • • • • Fees: You may be required to purchase textbooks or materials

• • • • • You'll study introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals.

• • • • • You'll also test hypothesis for large and small samples, types i and ii errors, linear regression and correlation.

Continued on next page

Music

MUS 105- York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.

Grades: 11-12
Credit: 1 unit/3 hours college credit through York Tech
Offered: York Tech campus
Fees: You may be required to purchase textbooks or materials

Your studies will focus on the elements of music and their relationships, the musical characteristics of representative works and composers, and common musical forms and genres of western and non-western historical style periods.

You'll also get appropriate listening experiences.

Music 110 - 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 learn to listen perceptively and appreciate musical elements, forms and style periods, including composers' lives, individual styles and representative works.

Your studies will focus on classical music with jazz and American popular music included.

PHILOSOPHY

Philosophy 102 - USCL

Prerequisite: At least a B average in college prep courses
Grades: 10-12
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 issues of philosophy and its methods of inquiry, analysis and criticism.

You and your parents must attend an orientation at USCL as part of registration. You'll be encouraged to further your studies in psychology.

PHYSICS

Physics 201 - 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 taking the first part of an introductory course sequence.

Your studies will include mechanics and selections from wave motion, sound, fluids and heat.

You don't need a previous background in physics but you must have taken these prerequisites: MATH 111, 111I, 112, 115, 116, 122, 141 or higher with a grade of C or better (or by placement score into MATH 122, 141 or higher.)

POLITICAL SCIENCE

Political Science 201 - 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.

PSYCHOLOGY

Psychology 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 be introduced to and survey the basic concepts and findings in psychology.

PSY 201- York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
Grades: 11-12
Credit: 1 unit/3 hours college credit through York Tech
Offered: York Tech campus
Fees: You may be required to purchase textbooks or materials

You'll learn concepts in the science of behavior, including scientific method, biological bases for behavior, perception, motivation, learning, memory, development, personality, abnormal behavior, therapeutic techniques and social psychology.

SOCIOLOGY

Sociology 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 be introduced to sociological facts and principles, including an analysis of

group-making processes and products.

SPANISH

Spanish 109 - 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 grammar and practical vocabulary necessary for fundamental communication skills.

SPEECH

SPC 205- York Tech

Prerequisite: At least a B average in college prep courses. Ask your guidance counselor about other prerequisites.
Grades: 11-12
Credit: 1 unit/3 hours college credit through York Tech
Offered: York Tech campus
Fees: You may be required to purchase textbooks or materials

You'll be introduced to principles of public speaking with application of speaking skills through individual and group presentations.

Speech 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 forms of engagement.

WHAT HELPS
Tips for improving
ACT/SAT scores

You can improve your chances of doing well on the SAT or ACT if you're willing to spend time preparing.

Besides taking tough courses, you should

- ◆ read and write as much as possible,
- ◆ take advantage of problem-solving activities in your math and science classes and
- ◆ visit places like museums and cultural events to expand your knowledge.

"The more you know about the test format, the better your



chances for a good score, and reviewing test-taking tips can really improve your scores," In-

dian Land High Counselor Darryll White said. "Also, taking the toughest academic courses you can handle is proven to help your score."

The SAT Program's web site at www.collegeboard.org/sat offers the tips below for preparing for the SAT.

- ◆ Know the test directions.
- ◆ Know what to expect.
- ◆ Do the easy questions first.
- ◆ Know how the test is scored. You get one point for each correct answer and lose a fraction of a point for a wrong answer, except on the student-produced response questions in the math section, for which no points are deducted.
- ◆ Guess smart.
- ◆ Don't panic if you can't answer every question.
- ◆ Omit questions that you really have no idea how to answer.
- ◆ Be careful when filling in the grids on the answer sheet.
- ◆ Use your test book to do scratchwork.
- ◆ Know your answer sheet and which answers go in which section.
- ◆ Don't make extra marks on your answer sheet.
- ◆ Mark only one answer to each multiple-choice question.
- ◆ Take the PSAT.

The tips given for the SAT also generally apply to the ACT, but you can find out more specific information about the ACT at www.act.org.

On the internet

Look what you
can see instantly

Days
missed

Grades!

Tardies

Personal messages
from teachers

Assignments

School
bulletins

Just one!

You just need ONE login
for all your children's info

Parents create an account that lets them get all their children's information using a single login.

With single sign-in access, parents/guardians can have an individual account with a user name and password.

Once you create your account, you can

- manage your account information,
- link any & all your children to your account &
- set email & notification preferences for each of your children.

Easy as 1, 2, 3

Parent Portal

Step 1

- Each school gives its parents student IDs and passwords the district's created.

Step 2

- Parents/guardians need only one child's ID and password to create an account. Only one account needed.

Step 3

- The parent goes to <https://lanastercsd.power-school.com/public/> and follows the steps to create an account. If you have a problem, contact your school's PowerSchool contact.

Step 4

- Login and see absences, assignments, grades, tardies, school bulletins, messages from teachers and more.