

# HOSPITALITY & HUMAN SERVICES

## Cosmetology 1

Prerequisite: None  
Grade: 11  
Credit: 4 units  
Offered: Lancaster

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 study theory and related subjects and gain experience through lab practice.

## Cosmetology 2

Prerequisite: Cosmetology 1  
Grade: 12  
Credit: 4 units  
Offered: Lancaster

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: Lancaster

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: Lancaster

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: Lancaster

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.

## 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 re-

lationships 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 Management & Operations

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

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

You'll focus on foundational information about the industry including career exploration, employability and career developmental skills, guest satisfaction, safety, security and environmental practices, the history of the

industry and the hospitality and tourism segments.

## Manage First

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

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 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 not only how to prepare nutritious foods, but also how to determine the foods are needed for healthy lifestyles and peak performance.

The course will strengthen health and wellness and disease prevention through increased knowledge of nutrition and physical activity.

# 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. At this time, parents will have a different username and password for each student.

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.

# INFORMATION TECHNOLOGY

## Computer Programming 1

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

If you love knowing how things work, you'll love this course and its emphasis on the fundamentals of computer programming.

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

You may use Alice Programming to build interactive worlds where you control the 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: Indian Land, Lancaster

You'll expand on the processes for creating computer programs that you studied.

Your primary focus will be on VISUAL Basic's advanced features.

You'll work one-on-one on computers to get abundant hands-on time to prepare you for entry-level jobs or for training after high school.

## Fundamentals of Networking 1

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

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, Lancaster

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

## IT Fundamentals

Prerequisites: Based on individual schools and districts  
Grade: 9-10  
Credit: 1 Carnegie credit  
Offered: Buford

You'll learn safety, communication skills, leadership skills, human relations and employability skills.

You'll build the knowledge to identify and explain PC components, set up a basic PC work station and more.

You'll learn about Green IT and preventative maintenance of computers.

31 classes worth traveling for  
See back page



## 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, Drafting, Health Science and Manufacturing. See your school counselor for more details.

## JOURNALISM

These courses are electives and cannot count as required English courses.

### 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 through independent study.

### Filmmaking

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

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

### Journalism 1, 2

Prerequisite: None  
Grades: 12 (10-12 at LHS)  
Credit: 1 unit  
Offered: 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.

### 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 (LHS only)  
Grades: 11-12  
Credit: 1 unit  
Offered: Indian Land, 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.

## MANUFACTURING

### Machine Technology 1 - Intro

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

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: Lancaster

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: Lancaster

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: Lancaster

You’ll learn the fundamentals of set-up and pro-

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

gramming 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, Buford, Lancaster

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

### Welding 1 - Arc

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

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: Lancaster

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: Lancaster

You’ll learn to make proper cuts of metal using the oxyacetylene 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: Lancaster

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.



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  
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.

Fundamentals of Algebra

Prerequisite: None  
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 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.

Informal Geometry

Prerequisite: Algebra 1 or Fundamentals of Algebra & Intermediate Algebra  
Grades: 10-12  
Credit: 1 unit each  
Offered: Andrew Jackson, Buford, 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 work to develop the math skills you'll need to succeed in a technical career.

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

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.

Math Acceleration

Prerequisite: None  
Grades: 11-12  
Credit: 1 unit elective credit  
Offered: Indian Land, Lancaster

You'll strengthen your math skills as you learn strategies to be a better at math.

You'll practice solving multiple-step problems as you work on critical thinking skills in math.

**Math Acceleration is an elective, and you can't count it as a math unit. Students take this course to strengthen their mathematical skill set.**

Math Ready

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

You'll learn the context behind procedures and understand why to use a certain formula or method to solve a problem.

You'll engage in real-world applications, develop critical thinking skills that you'll use in college and your career.

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.

Probability & Statistics AP

Prerequisites: Algebra I and II  
Grade: 12  
Credit: 1 unit  
Offered: Buford, Lancaster

You'll study probability rules including conditional probability, using probability to make decisions. You'll study interpreting statistical data as well as making inferences and justifying conclusions.

Statistics AP

Prerequisite: Geometry Pre AP 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.

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

See Page 24 for details

- 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 or 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– 3.875 minimum GPR
  - High honors– 4.125 minimum GPR
  - Highest honors– 4.280 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
  - 3.750 minimum GPR
- Standards for Honor Society
  - 4.125 minimum GPR



## 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.”

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: Theodore Dutton  
Staff: Debbie Barrett, Michelle Craig, Keenyona Truesdale  
Editor: David Knight  
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 – Kathy Durbin, Student Services Director, 302 W. Dunlap St. Lancaster, SC 29720, 803-285-8439; Title IX & Title II of the ADA inquiries – Gwendolyn Conner, Human Resources Director, 307 S. Catawba St., Lancaster, SC 29720, 803-286-6972.

# 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 knowledge 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.

## Dual Credit Beginning Spanish I 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.

**Note:** Restricted to those who have never studied Spanish or placed by examination into SPAN 109. Fall and Summer I only. Credit may be received only for one of the following: SPAN 109/110; 111; or 121.

## 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, 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

The writing of Japanese II progresses from basic katakana and hiragana (phonetic alphabets) into about 200 kanji (Chinese pictographs). Furthermore, advanced conversation, reading, and grammar are introduced. Nuanced language particular to Japanese culture also is taught.

## 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.

## 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, 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, 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: 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.

## How to nominate a great teacher for a Celebrate Great Teaching Award

### Step 1:

- ◆ Pick up a nomination form from your school or the district office, or print one off the 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 have 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.



# 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 give more attention to 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 improving 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.

# PUBLIC SERVICE

## Emergency & Fire Management Services 1

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

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 CATE credit  
Offered: Lancaster

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 – which is in 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: Lancaster

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

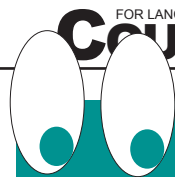
Prerequisite: Firefighter Training 2/Hazardous Materials  
Grades: 11-12  
Credit: 1 unit  
Offered: Lancaster

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: Lancaster

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).



## 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

## 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: Lancaster

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.

You'll learn about issues concerning police conduct such as use of force, civil li-

ability 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: Lancaster

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 what role they will 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: Lancaster

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

You'll also continue to build your portfolio.

# 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,” Planning and Accountability Executive Director 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 Student Assistance 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.



# ACT/SAT

## Here are 14 Q&A's to help you decide

**1 How should I decide if I need to take a college admissions test like the ACT or the SAT?**

Complete an "ACT/SAT Application Request" form and submit it to your school counselor. Your counselor will review your test scores and courses you've taken, and talk about your plans after graduation. Your counselor will work with you to help you decide what to do to make those plans come true.

**2 How are admissions tests like the ACT and the SAT used?**

Colleges use the ACT and the SAT to predict your success in college, although studies show that your performance in high school is really the best indicator. Some colleges and tech schools use the tests to help determine areas of study where you might need help. ACT and SAT scores are also a big factor used by scholarship committees.

**3 Do I have to take the SAT to go to York Tech?**

Definitely not. In fact, no college admissions test is required, but if you want to take a test before going to a tech school, you might be better off taking the ACT, since it is aligned more closely with what you've studied in school, while the SAT is an aptitude test.

**4 Do I have to take the SAT to go to USCL?**

A college admissions test is required, but you might be better off taking the ACT, or the institutional ACT offered to students who did not take the national test. This test is only valid in the USC system and students have to have already applied for admission to USC Lancaster.

**5 What tests do other colleges require?**

Most colleges that require an admissions test will accept either the ACT or the SAT. You will decide whether to take the Writing Test based on the requirements of the institutions you are considering.

**6 I've heard the ACT is easier than the SAT. Is that true?**

The ACT will seem easier for most students, since it's based more closely on what you've studied in school, while the SAT is an aptitude test. The SAT also includes a writing component.

**7 What can I do to make my ACT/SAT score higher?**

ACT/SAT prep courses and workshops help improve test scores for most students who take them, sometimes 200 points or more, depending on how much time you spend practicing and studying the tips you get in the prep sessions. But by far, the best way to prepare for these tests is to take the most challenging courses you can in high school and to read as much as you can for pleasure. Studies show that the more you read, the higher the score on achievement tests.

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## Law Enforcement Services 3

Prerequisite: Law Enforcement Services 2  
Grades: 11-12  
Credit: 1 unit  
Offered: Lancaster

You'll focus on the forensic side of investigation.

You'll examine techniques used in interviewing suspects as well as how to properly communicate in the field and apply basic law enforcement tactics and communication skills.

You'll also learn proper criminal court procedure.

## Law Enforcement Services 4

Prerequisite: Law Enforcement Services 3  
Not needed for completion status  
Grades: 11-12  
Credit: 1 unit  
Offered: Lancaster

You'll learn how to document a crime scene through note-taking, photographing and sketching as well as how to conduct thorough searches for evidence.

You'll examine investi-

gative procedures used in anything from homicide to terrorism, using modern forensic techniques such as fingerprint collection and analysis, blood spatter and forensic anthropology.

You'll also learn to investigate a case and follow it from the first officer's arrival on the scene through the end of the court process.

## Law Enforcement Services

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

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.

# 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.

## Biology AP

Prerequisite: At least a B average in Biology and Chemistry  
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, Buford, 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 struc-

LEARN IN THE

# REAL WORLD

## Shadowing

You spend one day or less 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 vocational program.

## Internship

You volunteer regularly after school with a mentor for three to four hours a week in a career you're interested in. The mentor spends time teaching you about his work. The internship generally lasts from three to six weeks.

## Service learning

You volunteer at a work site or community agency after school. Volunteering helps you develop work skills and learn how to deal with work situations. With your teacher, you discuss planning for the service, carrying out the service and reflecting on and celebrating your experience. For more info— Contact your school counselor.

## What a counselor says

"While you're in high school and college, you should look for ways to find out what the careers you're interested in or really like, and the best way to do that is through programs that let you spend time 'on the job.'"

— ShaTonna Walker

Indian Land High Counselor



ture 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 are interested in pursuing science as a career or AP.

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 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. Based on your exam score, you may be awarded credit by 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, the origin and evolution of the Universe and Earth system.

This course is rigorous and integrates hands-on laboratory 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 consider 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. The classroom is your world as you

Continued on next page



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.

Dual Credit – GEOL 101  
Introduction to the Earth 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

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 and 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. Lab activities will be 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.

This algebra-based course explores Newtonian mechanics, work, energy, power, mechanical waves and sound and simple circuits.

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.

ACT/SAT

Here are 14 Q&A's to help you decide

8 What if I don't take the ACT/SAT while I'm in school but decide to go to college after I've been out of high school awhile?

You can also take these tests after you graduate. And if you don't go to college until after you're 25 years old, you aren't even required to take a college admissions test.

9 How does my ACT/SAT score affect my chances of winning scholarships?

Greatly. Almost without exception, the higher your ACT/SAT score the greater your chances of earning scholarships. USCL, for example, offers a large number of scholarships, and your ACT/SAT score is an important factor. Also, the state's Life Scholarship requires a certain ACT score or SAT score (except at two-year colleges, where you have to have only a B average). The state's Palmetto Fellows scholarship requires a certain ACT or SAT score. See your high school counselor for specific details.

10 What do our schools offer to help me improve my ACT/SAT scores?

Our schools offer ACT/SAT Prep courses for credit. Schools also offer special after-school and weekend workshops.

11 Why should I want to take a special course or workshop to help me as I take the ACT/SAT?

No matter how well you do in school, extra help and preparation will help you on the ACT/SAT. It just makes sense to do all you can to do your best on these tests.

12 What should I do if I want to take one of these tests?

Get your guidance counselor involved to help you choose the test best for you. Your guidance counselor will help you get the help you need to do your best. Practice tests are available to help you determine areas where you need work and which test, the ACT or the SAT, is best for you.

13 Should I take these tests more than one time?

Definitely. Taking these tests more than once makes you more familiar and comfortable with their format. And the vast majority of students improve each time they take these tests.

14 Should I take both the ACT the SAT?

No, not necessarily. Take the test that your guidance counselor says will best fit your plans and your preparation.

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 both South and North America.

You'll evaluate life in the Antebellum South and how slavery shaped the lives of modern-day 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.

Dual Credit  
American National 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.

Dual Credit – ANTH 102  
Understanding Other Cultures - USCL

Prerequisite: At least a B average in college prep courses  
Grades: 10-12  
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 and compare contemporary cultures, including their languages.

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

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 principle 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 the development of civilization from the Middle Ages (1300) to the global society of today.

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.

Your studies will emphasize the role of the individual 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 systematic study of patterns and processes that shape human understanding, use and alteration of the 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 focusing on the arts, including architecture, dance, film, music, theater, TV and visual arts.

Dual Credit  
Introduction to 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.

You'll be introduced to and survey the basic concepts and findings in psychology.

Dual Credit  
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: Andrew Jackson, Buford, Indian Land, Lancaster  
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.

Dual Credit  
Primates, People, & Prehistory 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 existence from its less complex forms to early civilizations.

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

Psychology

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

You'll explore the scientific study of human behavior.

You'll expand your self-awareness and your understanding of how others behave.

Psychology AP

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

Dual Credit  
Science & Technology in World 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 technol-



## Celebrate Great Teaching!

Hundreds of great teachers work in our schools, and we know trying to select four of them for great teaching will be a very difficult task.

But we believe that recognizing great teaching is important. It lets our community know the great things teachers are doing for children, and it lets our teachers know what we consider the characteristics of great teaching.

We hope everyone will share in our celebration of great teaching, and we hope you have a teacher you want to recognize for a great job in the classroom.

We look forward to reading your nominations.

Sincerely,



Jonathan Phipps  
Superintendent

### The process

- ◆ Nominations due by end of first semester. No nominations accepted late.
- ◆ Committee of educators and community members selects recipients by May 1.
- ◆ **GreatTeaching Awards** will be announced during August inservice.

### Who can be nominated

- ◆ Regular classroom teachers
- ◆ Resource and special education teachers
- ◆ Media specialists
- ◆ Guidance counselors

### How we'll recognize them

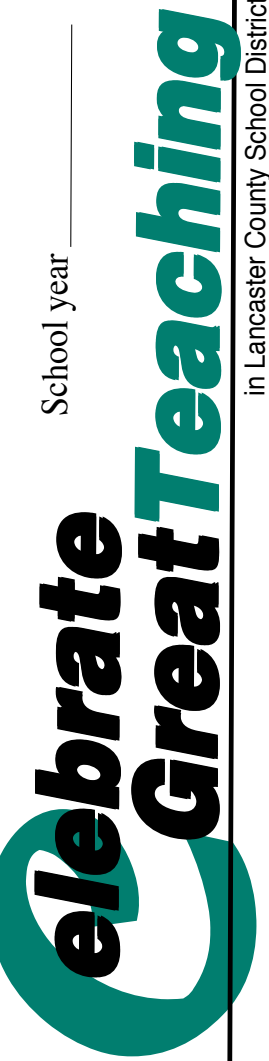
- ◆ A special **GreatTeaching Award**
- ◆ \$500 for classroom supplies for each Great Teaching Award recipient and \$1,000 for classroom supplies for the District Great Teaching Award recipient
- ◆ Special gifts from the community

### Who we'll recognize

- ◆ **Beginning GreatTeaching Award**  
Teachers with no more than three years experience may be nominated.
- ◆ **Elementary GreatTeaching Award**  
Teachers in Grades PreK-5 with more than three years of experience may be nominated.
- ◆ **Middle School GreatTeaching Award**  
Teachers in Grades 6-8 with more than three years of experience may be nominated.
- ◆ **High School GreatTeaching Award**  
Teachers in Grades 9-12 with more than three years of experience may be nominated.
- ◆ **District GreatTeaching Award**  
Selected from the four teachers above and will serve as the district's representative in the State Teacher of the Year program.

### Where to send nominations

Send or bring your nominations to your child's school, or send to:  
David Knight, Public Information  
Lancaster County School District  
300 South Catawba Street  
Lancaster, SC 29720



School year \_\_\_\_\_  
in Lancaster County School District

### How to nominate a **GreatTeacher**

- ◆ **At least two people** *must work together on a single nomination form and sign it for it to be considered.*
- ◆ On the next two pages are characteristics we will look for as we select our **GreatTeaching Award** winners and the weight we will give each characteristic.
- ◆ Under each characteristic, please check the actions you have seen demonstrated by the teacher you're nominating. *You must give specific examples of your teacher's actions or the nomination will not be considered.*
- ◆ Please note that it is not necessary to complete each characteristic. For areas you have not observed, you should write *not observed* in the Examples section.

### The **GreatTeacher** you're nominating

School \_\_\_\_\_  
Please include first & last name

- Category ☐ Beginning **GreatTeaching Award** (A teacher with no more than three years of experience)
- ☐ Elementary **GreatTeaching Award** (A teacher in Grades PreK-5 with more than three years of experience)
- ☐ Middle School **GreatTeaching Award** (A teacher in Grades 6-8 with more than three years of experience)
- ☐ High School **GreatTeaching Award** (A teacher in Grades 9-12 with more than three years of experience)

### Two persons nominating this teacher and your relationships to this teacher

Nominator 1		Nominator 2	
First and last name	<input type="checkbox"/> student <input type="checkbox"/> former student	First and last name	<input type="checkbox"/> student <input type="checkbox"/> former student
Address	<input type="checkbox"/> parent of student in the teacher's class <input type="checkbox"/> parent of former student	Address	<input type="checkbox"/> parent of student in the teacher's class <input type="checkbox"/> parent of former student
City	<input type="checkbox"/> administrator	City	<input type="checkbox"/> administrator
Home phone	<input type="checkbox"/> fellow teacher	Home phone	<input type="checkbox"/> fellow teacher
Work phone		Work phone	





# Nominate a teacher for a *Celebrate Great Teaching* Award

Just complete the form below (Forms also available at schools & online)

Page 2

Teacher

School

Celebrate Great Teaching

Is skilled, innovative and dedicated (60%)

A GreatTeacher...

☐ has high expectations for students

☐ is always prepared for class

☐ is knowledgeable

☐ teaches in a way that inspires students of all backgrounds and abilities to learn

☐ uses a variety of teaching strategies

☐ works to address differences in learning styles

☐ makes class and school enjoyable

☐ uses available technology appropriately

☐ is available to work with students outside class

☐ understands and cares about students

☐ treats students with respect and is fair and consistent

☐ makes students feel important

☐ communicates with parents

Examples

Contributes to the community (10%)

A GreatTeacher...

☐ takes part in community service activities through civic or religious organizations

☐ leads students in community service activities

Examples

LANCASTER COUNTY SCHOOL DISTRICT

PO BOX 1000  
LANCASTER, PA 17331

Page 3

Teacher

School

Celebrate Great Teaching

Is a professional (20%)

A GreatTeacher...

☐ possesses a local, state and national perspective of educational issues and positions

☐ belongs to professional organizations

☐ sets a professional example for other educators

☐ takes advantage of professional growth opportunities and applies new concepts in the classroom

☐ is able and willing to conduct workshops and inservices

☐ Shares ideas and successful strategies with fellow teachers

☐ Realizes the importance of being part of the educational team at the local, state and national levels

Examples

Serves as an ambassador for education (10%)

A GreatTeacher...

☐ has the respect and admiration of students, parents and colleagues

☐ is a positive, encouraging person who promotes the good things that are happening in our schools

☐ is poised and articulate, with excellent written and oral skills

☐ is able to provide presentations and workshops to diverse audiences in his/her area of expertise

Examples

LANCASTER COUNTY SCHOOL DISTRICT

PO BOX 1000  
LANCASTER, PA 17331

Deadline to nominate: End of 1st semester



# 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," Indian Land High

Counselor Darryall 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](http://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/NMSQT or PLAN.

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](http://www.act.org).

ogy and their roles in world civilizations from antiquity to the present.

### 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 settlement of the English colonies 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 settlement of the English colonies and the American Revolution.

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

### 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  
Grades: 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, popula-

tion 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.

# TRANSPORTATION

### Automotive Collision 1 - Basic Panel Repair

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

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: Lancaster

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: Lancaster

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: Lancaster

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: Andrew Jackson, 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: Auto Science where offered  
Grades: 10-12  
Credit: 1 unit  
Offered: Andrew Jackson, Indian Land, Lancaster (Grades 10-11)

You'll focus on entry-level repair and diagnosis of brake systems 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: 10-12  
Credit: 1 unit  
Offered: Andrew Jackson, Indian Land, Lancaster

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, Indian Land, Lancaster (Grades 11-12)

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, Indian Land, Lancaster (Grades 11-12)

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, Indian Land, Lancaster

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.

## Easy as 1, 2, 3

### Step 1

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

### Step 2

- Parents/guardians must have at least one of their

## Parent Portal

children's IDs and passwords to create an account. Only one account needed.

### Step 3

- The parent goes to <https://lancastercsd.powerschool.com/public/> and follows the user-friendly steps to create an account. If

### Step 4

- Log in to see absences, assignments, grades, tardies, school bulletins, messages from teachers and more.



# 31 courses worth traveling for...

You can take these courses – even if they're not on the list of what's offered at your school. Just sign up through your guidance counselor.

## ...if you want to **fight fires**



**What's available** – Firefighter Training 1: Fundamentals • Firefighter Training 2: Hazardous Materials • Firefighter Training 3: Firefighter Certification 1 • Firefighter Training 4: Firefighter Certification 2 • Emergency & Fire Management Services 1, Emergency Telecommunicate National Certification Course all on Lancaster High campus

**Page**  
**18**

## ...if you want to **create a masterpiece**



**What's available** – Art: Computer Graphic Design • Art: 3-D Design, both on Indian Land & Lancaster High campuses • Image Editing 1 • Image Editing 2 on Andrew Jackson High, Buford & Indian Land campuses

**Pages**  
**3, 4 & 6**

## ...if you want to **weld**



**What's available** – Welding 1: Arc • Welding 2: Gas Metal Arc • Welding 3: Oxyacetylene Cutting • Welding 4: Gas Tungsten-arc, all on Lancaster High campus

**Page**  
**15**

## ...if you want to **work in health services**

**What's available** – Biomedical Science 1 – Principles • Biomedical Science 2 – Human Body Systems • Biomedical Science 3 – Medical Interventions • Biomedical Science 4 – Biomedical Innovation, all on Indian Land High campus • Health Science Work-Based Credit, on Buford, Indian Land & Lancaster High campuses

**Page**  
**11**

## ...if you want to **work in the wood**

**What's available** – Carpentry 1: Intro • Carpentry 2: Basic • Carpentry 3: Intermediate • Carpentry 4: Advanced, all on Lancaster High campus

**Page**  
**3**

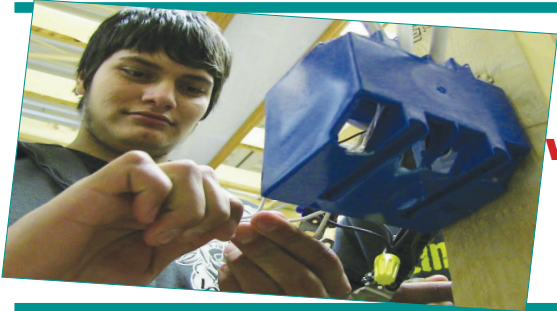


## ...if you want to **study sports diet & nutrition**

**What's available** – Sports Nutrition 1 on Indian Land High campus • Sports Medicine on Andrew Jackson and Lancaster campuses.

**Pages**  
**11 & 14**

## ...if you want to **electrify the world**



**What's available** – Electricity 1: Intro to House Wiring • Electricity 2: House Wiring/Home Technology Integration • Electricity 3: Concepts & Applications • Electricity 4: Control Wiring, all on Lancaster High campus

**Page**  
**3**

## ...if you want to **star on stage or work backstage**

**What's available** – Drama 5: Advanced Production • Drama 6: Stage Managing & Directing • Musical Theatre, both on Andrew Jackson High campus

**Page**  
**4**

