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## OTHER INFORMATION

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Lakota High Schools offers a wide variety of courses designed to meet the needs of the entire student population. In addition to the courses offered at the high school sites, a large variety of programs are open to Lakota juniors and seniors through Butler Tech. The information contained in this booklet is meant to briefly explain each requirement and course option. Further explanations can be obtained by contacting the appropriate guidance counselor or administrator. Please do not hesitate to call for information or to make an appointment to come in and see us. Proper student placement and meeting the needs of each student are the primary goals of all the high school staff and we welcome the chance to be of assistance.

SPECIAL NOTE
Information included in this Program of Studies is accurate as of its publication date. Parents and students will be notified of specific changes to course offerings and requirements if changes are made. Subsequent updates to this Program of Studies book will be posted on www.Lakotaonline.com as well as the websites of the two high schools (www.lakotaeasthigh.com and www.lakotawesthigh.com).

GRADING
The following grading scale applies to all courses at Lakota.

<table>
<thead>
<tr>
<th>GRADE</th>
<th>RANGE</th>
<th>REGULAR VALUE</th>
<th>WEIGHTED VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>97-100%</td>
<td>4.33</td>
<td>5.33</td>
</tr>
<tr>
<td>A</td>
<td>93-96%</td>
<td>4.00</td>
<td>5.00</td>
</tr>
<tr>
<td>A-</td>
<td>90-92%</td>
<td>3.67</td>
<td>4.67</td>
</tr>
<tr>
<td>B+</td>
<td>87-89%</td>
<td>3.33</td>
<td>4.33</td>
</tr>
<tr>
<td>B</td>
<td>83-86%</td>
<td>3.00</td>
<td>4.00</td>
</tr>
<tr>
<td>B-</td>
<td>80-82%</td>
<td>2.67</td>
<td>3.67</td>
</tr>
<tr>
<td>C+</td>
<td>77-79%</td>
<td>2.33</td>
<td>3.33</td>
</tr>
<tr>
<td>C</td>
<td>73-76%</td>
<td>2.00</td>
<td>3.00</td>
</tr>
<tr>
<td>C-</td>
<td>70-72%</td>
<td>1.67</td>
<td>2.67</td>
</tr>
<tr>
<td>D+</td>
<td>67-69%</td>
<td>1.33</td>
<td>1.33*</td>
</tr>
<tr>
<td>D</td>
<td>63-66%</td>
<td>1.00</td>
<td>1.00*</td>
</tr>
<tr>
<td>D-</td>
<td>60-62%</td>
<td>.67</td>
<td>.67*</td>
</tr>
</tbody>
</table>

* For AP and Honors courses, no weighted values are awarded for grades below a C-.

WEIGHTED GRADES
All Honors, Advanced Placement and certain College Credit Plus courses: Add 1.0 (C- or better) on the grade point average.

COMPUTATION OF GRADE POINT AVERAGE (GPA)
- Each percent grade is changed to the appropriate letter grade.
- Each letter grade is assigned a value (either regular or weighted).
- Each value is multiplied by the amount of credit the class is worth, resulting in a number of points.
- The total number of points is divided by the total number credits attempted, arriving at the grade point average.
GRADING FORMULA
Each nine-week period counts as 40% of the semester average while each quarter assessment counts as a total of 10% of the final semester average. All students are required to take quarterly assessments in all courses. Quarter grades and assessment grades are reported as percentages. Semester average grades are reported in letters A+ through F.

AUDIT
No course may be taken on an audit basis. Each course may only be taken for credit.

VALEDICTORIAN / SALUTATORIAN
In order to be considered valedictorian or salutatorian of the graduating class, a student must have been enrolled full-time at his/her Lakota High School for the final four semesters of high school.

TYPES OF COURSES

REQUIRED COURSES
A required course is one that must be successfully completed in order to meet Lakota’s graduation requirements. For example, you must successfully complete Government in order to graduate. Graduation requirements are listed in this booklet on page 8.

RECOMMENDED COURSES
A recommended course is not necessarily one that has to be taken to meet a requirement. It is, however, a course that we have found in the past to be highly valued by colleges and employers.

ELECTIVE COURSES
Elective courses are those which are not specifically identified as graduation requirements. You will need to take some elective courses in order to have sufficient credits to graduate. All of our elective courses are designed to provide you with a marketable skill, make you a better informed human being, citizen and consumer, and help you expand your knowledge in areas that will become life-long hobbies or avocations.

HONORS COURSES
Courses designated as honors courses are awarded weighted grades, meaning grades for these add value of 1.0 (for grades of C- and above) in this computation:

ADVANCED PLACEMENT COURSES (AP)
AP courses are College Board approved courses in twenty-one disciplines designed to prepare the student for taking college-level course work and exams while still in high school. Taking AP courses can result in students earning college credit or placement once the student enrolls in a college or university. AP courses are accepted by most colleges and universities. It is important that the student be informed about the policies of their potential colleges.

COLLEGE CREDIT PLUS COURSES (CCP)
College Credit Plus courses are taught by either an adjunct professor on our campuses or taught and taken on a college campus. CCP courses will receive college and high school credit at the same time. CCP courses will receive transcripted credit recognized at all public colleges and universities in Ohio. CCP courses are also designated as Honors weighted grades for core courses or requirements.

PREREQUISITE COURSES
A prerequisite is a condition that must be met before a student may enroll in a certain course. The prerequisites are listed at the end of each course description. Please check these requirements carefully before making selections. Prerequisites reflect the desire of each department to insure the success of students in selected courses.

CO-REQUISITE COURSES
A course listed as a co-requisite must be taken prior to or at the same time as a certain course.

Student Options for Earning High School Credit

IMPORTANT NOTE: The National Collegiate Athletic Association (NCAA) has limitations on the types of courses it will accept for athletic eligibility. Please reference the NCAA Eligibility Center website for more information regarding specific course options.

TRADITIONAL CREDIT
Students take courses by participating in the regular scheduling process and attending courses at a Lakota high school during the regular student day. This option is for students who would prefer a traditional high school experience with a greater degree of teacher direction/facilitation. Students choosing Traditional Credit should use this High School Program of Studies for course scheduling.

SUMMER SCHOOL
Lakota’s Summer School Program provides opportunities for students who want to use time in the summer to take a course for original credit in order to open a bell in their schedules during the regular school year or who want to use time in the summer to re-take a course they previously failed. Students may take online courses or PE courses during the summer and are expected to report daily until the course is completed, even for online classes. Please see the Summer School page in this document or the Summer School website for more information about the program and applicable forms/processes for registration. Students will be charged a fee for each Summer School course.
PE WAIVER
Students may waive the required PE credit by participating in two seasons of interscholastic athletics, cheerleading, or marching band. However, the PE waiver does not provide 0.5 PE credits. Students must choose another required or elective course to meet graduation requirements. Students should check with their counselors to discuss their eligibility for the waiver and to outline their course schedules to ensure that they meet the graduation requirements. Please see the PE section in this document for more information.

CREDIT FLEXIBILITY
Credit Flexibility provides options for students with high school standing to earn graduation credits through alternative ways outside of regularly scheduled classes. Under Credit Flex, students may earn graduation credit by taking an online course; proving mastery of course content; or developing an individual plan for an independent study, an internship/field experience, community service/service learning, or educational travel. Students are not limited in the number of courses or the number of credits earned through Credit Flex. However, approval of Credit Flexibility Plans and credits earned will be dependent upon the Lakota Local School District's capacity to implement them. All Credit Flex options must be generated and planned by students according to the provisions, process, and timelines outlined in the Lakota Credit Flexibility Handbook and Application, available at the Credit Flexibility website. Fees are associated with each option.

Credit Flexibility is designed for students who want to earn credit through activities or work completed outside of the traditional schedule and classroom; who work well independently and are highly motivated to plan and complete their own learning without direct involvement of or instruction from a teacher; and who want to pursue academic and/or career interests beyond those offered at Lakota High Schools.

Please note, students taking American History and or American Government through Credit Flexibility are required by the Ohio Department of Education to also take the state Performance Based Assessment and end of course exams.

FIELD EXPERIENCES / INTERNSHIPS
In partnership with local companies, Lakota is offering selected high school juniors and seniors the opportunity to participate in a variety of internship experiences. Students will gain hands-on experience and earn elective credit. GPA, attendance and career goals will be considered in the selection process, and applicants will be interviewed prior to final selection. Students must commit to participate in all rotations as well as to keep a log of their experiences and reflections in order to receive elective credit.

ACCEPTANCE BY A COLLEGE/UNIVERSITY
During the past several years, colleges and universities, including many of those in the state of Ohio, have changed their entrance requirements. If you are accepted:

CONDITIONALY into a college or university, you may have to complete entrance requirements at your own expense of time and money before you may begin to take courses leading to your degree. This can greatly increase the cost of college and the time required to obtain a degree.

UNCONDITIONALLY indicates you can immediately begin taking courses leading to your degree. While there is no universal list of college entrance requirements, the list found on page 8 of this booklet under the heading “Recommended for College Entrance” is fairly inclusive of major college requirements. Check with your counselor and your college frequently to see that you do not neglect a requirement for admission.

COLLEGE CREDIT PLUS
Students who are prepared for the challenge of college-level work but prefer to stay on a high school campus may have the option to take specified courses at a Lakota high school for both high school and college credit. Students should understand that coursework will be reflected on both high school and college transcripts and in high school and college GPAs. Students should see their counselors for information regarding which courses are offered through College Credit Plus and to learn how to enroll. Students may also earn high school and college credit by taking a college class taught by college staff on a college campus or online. Students interested in this option must submit an “intent to participate form” by March 31 per ODE guidelines in order to participate.
GRADE PLACEMENT

All students will need to have earned the indicated number of credits for placement into the appropriate grade level.

CLASSIFICATION

Freshman………………………Successful completion of grade 8
Sophomore………………………4.5 credits
Junior……………………………10.0 credits
Senior……………………………..15.0 credits

Students must have a minimum of 15 credits to be classified as seniors. Two groups of students may wish to be considered as seniors without the requisite 15 credits. These students must meet with their counselors in the early fall to create a written plan to meet graduation requirements. Two classifications will exist:

JUNIORS PLANNING TO GRADUATE (JPG)

JPG students are in the junior year of high school but plan to complete all requirements to graduate at the end of their third year of high school. (Not recommended by most colleges.)

SENIORS/CREDIT DEFICIENT (SCD)

SCD students are in their fourth year of high school but have not yet earned 15 credits.

SCHEDULING PROCEDURES AND CHANGES

SCHEDULE CHANGES

Courses selected during the registration process shall be regarded as final selections unless changes are necessitated by:

- Inappropriate course level as dictated by the prerequisite course final grade
- Obvious program error such as omission of a required subject
- Failure of a subject last year or scheduled into advanced level without meeting prerequisite course requirements
- Adjustments that accommodate special education/ELL students
- Replacement of summer school course(s) successfully completed
- A drop will not be permitted if it results in more than one study hall (Excluding Seniors).
- Seniors will not be able to drop the second semester of yearlong courses.
- A course dropped after the ten day period will result in a “WF” for the course and will be computed into the cumulative GPA.

DROPPING A CLASS

This process will involve several steps. Teacher and student discussion of the situation and teacher-parental contact is mandated prior to withdrawal. During the first five days of the semester, the student may drop a class and enter another class without consequence. After the first five days of the semester, but prior to the eleventh day, the student may drop a class, but not enter another class – a Study Hall will be placed in that bell. After the tenth day of the semester, there will be a conversation with the parent(s) noting the course may be dropped with a WF (Withdraw FAIL) and the WF becomes a part of the final transcript and figures into the student’s GPA. Note: All requests for schedule changes are contingent upon course availability, class size, course pre-requisites and fulfillment of the criteria for request for schedule change.

REQUESTING A CHANGE OF LEVEL

This policy will involve several steps. A student may change the academic level (AP/Honors/CP) of a class after a minimal ten day period during which:

1. All work is completed,
2. Attendance is at least 90%,
3. Extra help is sought from the teacher

All 3 steps are required before a change will be considered. Upon verification of all three criteria, a teacher, student, parent, administrator conference will be held to discuss the final change in level. Administrator must provide final approval of all level changes. Counselor, parent and administrator must be in agreement that a change is educationally beneficial for the student. If a level change is approved from an AP/Honors course to a CP course, within a semester, the student will forfeit all weighted grades and the lower level course will be the only course that appears on the transcript. Level changes will only be considered within the first quarter, at the end of first semester or within third quarter. No level changes will be considered during second and/or fourth quarters.
SENIOR FLEX SCHEDULE

To create additional available seats in courses at both high schools and to provide more flexibility within their day, students classified as seniors will be required to attend class for only the number of periods necessary to complete graduation requirements. For most, this will include a fourth year of English, a fourth year of Mathematics, as well as any other courses needed in order to graduate.

To be eligible for this option, students must meet the following requirements:

- Must be classified a senior having completed a minimum of 15.0 credits.
- Must complete an Individual Graduation Plan which includes details that cover how the student will complete requirements to graduate on time with his/her class. This document must include the student’s, parent’s and counselor’s signatures for the application to be official.
- Must maintain good attendance and adequate progress toward completion of the requirements necessary to graduate on-time with his/her class.

Please note: Per OHSAA rules, students who are participating in interscholastic athletics must maintain five “solids” on their schedule.

CRITERIA: DIPLOMA WITH HONORS

Each school district must award the Diploma with Honors to any student who:

- Successfully completes the high school curriculum or individualized education program developed for the student by the high school.
- Passes the required Ohio Graduation Tests/PARCC PBA and EOC
- Meets the following criteria for honors:

The student who completes the college prep curriculum in high school must meet at least seven of the following eight criteria:

- Earn four units of English
- Earn four units of mathematics, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
- Earn four units of science including physics and chem.
- Earn four units of social studies
- Earn either three units of one foreign language or two units each of two different foreign languages
- Earn one unit of fine arts
- Maintain an overall unweighted high school G.P.A. of at least 3.5 on a 4.0 scale up to the last grading period of the senior year
- Obtain a composite score of 27 on the ACT or 1210 on the SAT (critical Reading & Math sections)

The student who completes an intensive Career-Technical education pathway in the high school must meet at least seven of the following eight criteria:

- Earn four units of English
- Earn four units of mathematics, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
- Earn four units of science including two units of advanced science
- Earn four units of social studies
- Earn four units of Career-Technical minimum. Program must lead to an industry recognized credential, results in an apprenticeship or is part of an articulated career pathway which can lead to post-secondary credit. If the student’s program does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent
- Maintain an overall unweighted high school G.P.A. of at least 3.5 on a 4.0 scale up to the last grading period of the senior year
- Obtain a composite score of 27 on the ACT or 1210 on the SAT (critical Reading & Math sections)
- Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent
STUDENT ATHLETES

OHSAA GUIDELINES

Per OHSAA guidelines, students who are participating in and/or plan to participate in interscholastic athletics must be passing a minimum of five “solids” at all times. It is the student and parents responsibility to ensure these criteria are met to ensure eligibility requirements. We strongly encourage student athletes to enroll in more than five solids.

NCAA INITIAL ELIGIBILITY

If you plan to enroll in any Division I or Division II college or university, please read this information carefully.

For students entering any Division I or Division II college or university, your NCAA initial eligibility will be evaluated under the 16 core-courses as described in this section. Potential college athletes must meet the core course requirements below in order to be eligible for the NCAA. In addition, athletes must have an NCAA core course GPA of 2.3 or higher and score at the NCAA specified levels on either the ACT or SAT.

DIVISION I – 16 CORE COURSES

4 years of English
3 years of Math (Alg. I or higher)
2 years of Natural/Physical Science
1 year of additional English, Mathematics or Natural/Physical Science
2 years of Social Studies
4 years of additional coursework (from any area above, Foreign Language or non-doctrinal religion/philosophy)

DIVISION II – 16 CORE COURSES

3 years of English
2 years of Math (Alg. I or higher)
2 years of Natural/Physical Science (1 year of lab if offered by HS)
3 years of additional English, Mathematics or Natural/Physical Science
2 years of Social Science
4 years of additional coursework (from any area above, Foreign Language or non-doctrinal religion/philosophy)

The NCAA Eligibility Center has restrictions on which types of courses are accepted for eligibility. Be sure to check their website before scheduling.

NCAA approved courses are noted with an asterisk (*) on the last two pages of this Program of Studies booklet.

SPECIAL EDUCATION PROGRAMS

The following continuum of program options are available for any student with a disability. Specific options are determined by an IEP based on the individual needs of the student. The continuum of options, ranging from least restrictive to most restrictive, are as follows:

- Full-time regular class with supplementary aides and services.
- Full-time regular class with special services provided by an Intervention Specialist in the regular education classroom.
- Regular education classroom with part-time in special education classroom.
- Special education classroom with part-time regular education classroom.
- Full-time special class/learning center

SPEECH AND LANGUAGE

Speech-language pathologists provide prevention, assessment, and remediation services for students who exhibit difficulties in the areas of language, speech, voice and fluency that adversely affects the child’s educational performance. These services are designed to help student’s meet their educational goals. Eligibility is determined through an evaluation and planning process involving the IEP Team.

WORK STUDY PROGRAM

The Work Study Program consists of on-site experiences for students enrolled in special programs. The work study coordinator is a liaison between students, the employer and the school. The coordinator meets with students regarding job behavior and related job skills. A student’s participation in the Work Study Program must be discussed, agreed upon and approved by the IEP team, which must include the Work Study Coordinator.

HOME INSTRUCTION

Home Instruction is provided to students who are unable to attend school, providing this service is a team decision and determined based on specific criterion. Instruction usually occurs in the home of the student.
GRADUATION REQUIREMENTS*
Lakota students need twenty (20) credits in order to earn a diploma. Specific requirements are as follows:

<table>
<thead>
<tr>
<th>SUBJECT AREA</th>
<th>LAKOTA REQUIREMENTS FOR GRADUATION</th>
<th>RECOMMENDED FOR COLLEGE ENTRANCE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits (English 9, 10, 11 and 1 credit of Senior English)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 credits (which must include Algebra, Geometry, Algebra II and 1 additional credit)</td>
<td>4 credits (including CP Algebra I, CP Geometry, CP Algebra II)</td>
</tr>
<tr>
<td>Science</td>
<td>3 credits (1 Biological, 1 Physical, 1 elective)</td>
<td>4 credits (depending on the college)</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 credits (which must include World Studies, American History, 1 semester Government, 1 semester Economics)</td>
<td></td>
</tr>
<tr>
<td>Health</td>
<td>0.5 Credit (1 semester)</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>0.5 Credit (2 semesters)</td>
<td></td>
</tr>
<tr>
<td>Fine Arts</td>
<td>1 Credit (art, music, theater, acting)</td>
<td>1 credit (art, music, theater, acting)</td>
</tr>
<tr>
<td>Electives</td>
<td>4 credits</td>
<td>3 credits (of the same foreign language)</td>
</tr>
</tbody>
</table>

* Students should check with the colleges and universities they are considering for specific entrance requirements.

Students in the class of 2017 must pass all sections of the Ohio Graduation Test. All students must earn at least 20 credits; specific requirements within those 20 credits are listed above. **A student must have completed all graduation requirements before participating in graduation ceremonies and/or receiving a diploma.**

Beginning with the class of 2018, students will be required to take the same courses listed above as well as earn points toward graduation on seven end-of-course exams. These exams will replace the Ohio Graduation Tests. The courses in which students will take and end-of-course exam will be: English 9 and 10, Algebra I, Geometry, Biology, American History, and American Government. Students can earn from 1-5 points for each exam, based on their performance.

5 points.....Advanced
4 points....Accelerated
3 points....Proficient
2 points....Basic
1 point......Limited

With few exceptions, students must accumulate a minimum of 18 points from scores on their end-of-course exams to become eligible for a diploma. To ensure students are well rounded they must earn a minimum of four points in Math, four points in English and six points across Science and Social Studies.

Students in certain courses can take a substitute exam, such as an Advanced Placement (AP) exam, instead of the state’s end-of-course exam. The State Board approved AP exams that may substitute for the following courses:
American History: AP United States History
American Government: AP United States Government and Politics
Biology: AP Biology

**AP score conversion to Graduation Points**

<table>
<thead>
<tr>
<th>Advanced Placement Score</th>
<th>Graduation Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 or 5</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
College Credit Plus Courses
The following conversion chart should be used to determine the number of graduation points a student will receive based on the grade he/she receives for the CCP course that substitutes for Biology, American History or American Government end of course exams.

<table>
<thead>
<tr>
<th>CCP Grade</th>
<th>Graduation Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A or B</td>
<td>5</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
</tr>
<tr>
<td>D</td>
<td>3</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

Retaking Exams
A student who scores below proficient on any end-of-course State exam may retake the exam. The highest score the student gets on a test will count toward their graduation points.
## SAMPLE FOUR YEAR PLAN – Class of 2017

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Math</td>
<td>Math</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>Science - Biology</td>
<td>Science – Physical</td>
<td>Science – Elective</td>
<td>Science – Elective</td>
</tr>
<tr>
<td>World Studies 9</td>
<td>US History</td>
<td>Government/Economics</td>
<td>Elective</td>
</tr>
<tr>
<td>Lifetime Fitness (1 sem)</td>
<td>Health (1 sem)**</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Creative/Perf. Arts*</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*May be taken at any grade level or year (9-12)

**May be taken at any grade level or year (10-12)

## SAMPLE FOUR YEAR PLAN – Class of 2018

<table>
<thead>
<tr>
<th>8th Grade – For HS Credit</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
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<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Algebra 1</td>
<td>Honors Geometry</td>
<td>Algebra II</td>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>Physical Science</td>
<td>Honors Biology</td>
<td>Science</td>
<td>Science – Elective</td>
<td>Science – Elective</td>
</tr>
<tr>
<td>World Studies</td>
<td>Honors American History</td>
<td>AP US History AP Human Geography</td>
<td>Government/Economics</td>
<td>Elective</td>
</tr>
<tr>
<td>Fitness &amp; Sport (1 sem)</td>
<td>Phys. Educ. (1 sem)**</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Health (1 sem)</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Info Tech I (1 sem)</td>
<td>Creative/Perf. Arts*</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

*May be taken at any grade level or year (9-12)

**May be taken at any grade level or year (10-12)

## SAMPLE FOUR YEAR PLAN – Class of 2019 and Beyond

<table>
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<tr>
<th>8th Grade – For HS Credit</th>
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<th>10th Grade</th>
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<td>English</td>
<td>English</td>
<td>English</td>
<td>English</td>
<td>English</td>
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<tr>
<td>Algebra 1***</td>
<td>Math</td>
<td>Math</td>
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<td>Math</td>
</tr>
<tr>
<td>Physical Science***</td>
<td>Science</td>
<td>Science</td>
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<td>Science</td>
</tr>
<tr>
<td>Fitness &amp; Sport (1 sem)</td>
<td>Phys. Educ. (1 sem)**</td>
<td>Elective</td>
<td>Elective</td>
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<td>Health (1 sem)</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Info Tech I (1 sem)</td>
<td>Creative/Perf. Arts*</td>
<td>N/A – 6 Period Day</td>
<td>N/A – 6 Period Day</td>
<td>N/A – 6 Period Day</td>
</tr>
</tbody>
</table>

*May be taken at any grade level or year (9-12)

**May be taken at any grade level or year (10-12)

***Not applicable to all students
Financial Literacy & Planning – 83453  
Grades 9,10,11,12  
1 semester / 0.5 credit / Fee Required  
This course is about Personal Financial Success. Students learn personal money management; banking, filing tax returns, budgeting, credit, insurance, and investing in stocks.

Sports and Entertainment Marketing – 83973  
Grades 9,10,11,12  
1 semester / 0.5 credit / Fee Required  
This course examines general marketing principles in the popular sports and entertainment industries from a management and marketing perspective. This is one of the most rapidly growing fields in today’s job market.
Introduction to Computer Science
*A new pathway will be developed either by Butler Tech or Lakota that may include Programming, Computer & mobile Applications and Game Design. (see page 36)

Computer Science II - 8931
2 semesters / 1 credit / Fee Required
This course continues where Computer Science I left off. You will become familiar with some of the advanced programming techniques at the forefront of today's technologies. Possible topics include advanced windows programming, graphics and animation, multi-player networked games and web application development.
Prerequisite: Computer Science I and successful completion of CP Geometry and teacher approval

Advanced Placement Computer Science A - 8935
2 semesters / 1 credit / Fee Required
This course will develop your understanding of the techniques and data structures used by software engineers to create powerful and sophisticated programs. Special attention will be given towards preparation for the Computer Science (A) AP exam. Students who plan on pursuing post-secondary studies in computer science, mathematics, science or engineering will benefit from this course.
Prerequisite: Computer Science I and teacher approval

NEW Course
Advanced Placement Computer Science Principles – 8965
2 semesters / 1 credit / Fee Required
AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. This course is unique in its focus on fostering students to be creative. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them.

Computer Science Courses DO NOT meet the Mathematics requirements for Lakota
Music
Many colleges and universities now require the successful completion of course work in the Fine Arts for unconditional admission. Many of the courses listed require an audition for admission to the course. Auditions may include, but are not limited to the following:

Instrumental - performance of selected scales, a prepared piece and sight-reading.

Vocal - determination of vocal range, ability to match pitches, singing a simple melody and sight-read brief passages within a choral composition.

All Instrumental and Vocal music students will initially sign up for “Band” and/or “Choir”. After the audition process has taken place, students will be placed into the appropriate ensemble.

Choir - 7710
2 semesters / 1 credit / Fee Required
Repertoire studied will be selected from various time periods and styles and will include choral literature of varying levels of difficulty. Emphasis will be placed on correct vocal production, aural skills/sight-reading, music theory/pedagogy and appropriate performance/rehearsal disciplines. Participation in all after school rehearsals and performances is required.
Prerequisite: Audition/Approval of instructor

Band - 7500
2 semesters / 1 credit / Fee Required
Band is open to all instrumentalists 9-12. The class will reinforce, further develop, and refine the fundamentals of music through playing an instrument in a large group setting while performing a variety of band literature at a level appropriate to the students’ abilities. Performances outside of school hours are a part of this course and attendance is mandatory and part of the course grade.
Prerequisite: Audition/Approval of instructor

Jazz Band - 7570
2 semesters / 1 credit / Fee Required
Jazz Band is open to all students in grades 9-12 provided their instrument fits the ensemble’s “big band” instrumentation. The class will reinforce, further develop, and refine the fundamentals of jazz through playing an instrument in a large group setting while performing a variety of literature at a level appropriate to the students’ abilities. Performances outside of school hours are part of this course and attendance is mandatory and a part of the course grade. Other than guitarists, bassists, and pianists, members must first be enrolled in a concert band.
Prerequisite: Audition/Approval of instructor

Theater / Acting
All acting courses offer students the opportunity to experience the theatrical arts. Students will participate in a variety of theatrical experiences, both on stage and backstage. Many colleges and universities now require the successful completion of course work in the Fine Arts for unconditional admission. Please check with your guidance counselor concerning this situation.

Students enrolled in any acting course may become involved in the theatre program which is an optional after school activity. However, students do not have to be enrolled in an acting class to audition for the theatre productions.

Acting I – 7800
Acting II – 7805
Acting III - 7807
2 semesters / 1 credit / Fee Required
This is a performance-based class, offered on the Main Campuses only. Components of study include movement and vocal techniques, character and script analysis, and the history of the theater. Students will be responsible for classroom presentations, script memorization and attendance at outside theatrical performances. Upon completing this class, students may elect to take Acting II and III.

Theater - 78103
1 semester / .5 credit / Fee Required
This course is only offered at the Freshman Campuses. Students will study pantomime, storytelling, directed poetry reading, improvisation, monologues, and duet scenes. Students will be responsible for classroom presentations, performance critiques, costume/prop selection, and script memorization.

Theater Arts - 78403
1 semester / .5 credit / Fee Required
Students will explore the design world of technical theatre in this class. They will examine techniques necessary to create specific aspects of a theatre production. Units will include set design with model building, tool definitions and uses with construction projects, various techniques for scenic art and prop construction. This course is taken as a Creative/Performing Arts credit.
Visual Arts
Visual Arts courses include semester and year-long classes that require a fee and include quarter assessments. Fine Art I is a pre-requisite for all other art classes. For project examples go to http://www.Lakotaonline.com, click on East or West, go to Art Department and to the class.

Fine Art I - 73003
1 semester / 0.5 credit / Fee Required
Fine Art I provides students with an introduction to creative experiences in a variety of 2D and 3D media. Projects are evaluated on mastery of technique and application of elements and principles of design. Professional artists are introduced with each unit.
This course is a prerequisite for all other Fine Arts courses

Drawing and Painting I - 73213
1 semester / 0.5 credit / Fee Required
Basic drawing and painting skills are taught to focus on improving observation abilities as well as basic techniques. Drawing and Painting I is designed for the beginning art student as well as for individuals wishing to further develop existing drawing and painting skills.
Prerequisite: Fine Art I

Drawing and Painting II - 73223
1 semester / 0.5 credit / Fee Required
Students extend experiences and skills from Drawing and Painting I. Students explore various drawing and painting media. Students work to acquire knowledge and creative inspiration from art history as they explore themes for self-expression.
Prerequisite: Drawing and Painting I

Drawing and Painting III - 73233
1 semester / 0.5 credit / Fee Required
This studio course builds on the skills and techniques explored in Drawing and Painting II. A variety of both traditional and non-traditional drawing and painting techniques are explored. Drawing and Painting III projects are designed to help students create portfolio-ready artwork.
Prerequisite: Drawing and Painting II

Drawing and Painting IV - 73243
1 semester / 0.5 credit / Fee Required
This studio course builds on the skills and techniques explored in Drawing and Painting III. Emphasis is placed upon personal expression through drawing and painting. Drawing and Painting IV projects are designed to help students create portfolio-ready artwork in preparation for AP Studio Drawing.
Prerequisite: Drawing and Painting III

Still Photography I - 77443
1 semester / 0.5 credit / Fee Required
This course is designed to offer students a basic understanding of photography as an art form. Students explore composition, learn about the 35mm camera, develop their own film and prints, and learn to mount and present photographs. Emphasis is placed upon interesting and unified photographic compositions.
Priority given to juniors and seniors.
Prerequisite: Fine Art I
This course is for elective credit only and will not meet the Creative/Performing Arts Graduation Requirement.

Still Photography II - 77553
1 semester / 0.5 credit / Fee Required
This course is designed to offer students with an extensive darkroom and printing experience. Students learn about and use a variety of alternative processes. An emphasis is placed upon personal interpretations of given themes and assignments. Priority given to juniors and seniors.
Prerequisite: Still Photography I
This course is for elective credit only and will not meet the Creative/Performing Arts Graduation Requirement.

Ceramics I - 73703
1 semester / 0.5 credit / Fee Required
Ceramics is a project oriented course in which students will develop skills in hand building and wheel throwing. Exploration of form and function in pottery and sculpture, surface decoration, art history and criticism will be included.
Prerequisite: Fine Art I

Ceramics II - 73603
1 semester / 0.5 credit / Fee Required
Ceramics II is a continuation of Ceramics I. Students will hone wheel throwing and hand building skills and learn new techniques in sculpture, form alteration, and surface decoration.
Prerequisite: Ceramics I

Ceramics III - 73803
1 semester / 0.5 credit / Fee Required
Ceramics III is a continuation of Ceramics II. Students will hone wheel throwing and hand building skills and learn new techniques in sculpture, form alteration, and surface decoration. Individual expression in clay will be emphasized.
Prerequisite: Ceramics II

Metals I - 73503
1 semester / 0.5 credit / Fee Required
Metals I offers a variety of experiences in the fabrication of jewelry and small metal sculpture. Students will learn to cut and solder.
Prerequisite: Fine Art I
Metals II - 73403
1 semester / 0.5 credit / Fee Required
Metals II builds on the techniques taught in Metals I to construct more intricate and complex pieces.
Prerequisite: Metals I

Metals III - 73553
1 semester / 0.5 credit / Fee Required
Metals III builds on the techniques learned in Metals II. Advanced techniques such as enameling, chain-making and/or stone setting are explored. Individual expression in metal will be emphasized.
Prerequisite: Metals II

AP Studio Art: Drawing - 7421
2 semesters / 1 credit / Fee Required
AP Studio Art: Drawing is an extremely fast paced course for highly motivated, serious art students. An extensive portfolio will be developed emphasizing a variety of observational, inventive work that can be utilized for college admission requirements. Summer work is required.
Prerequisites: Fine Art I and Drawing/Painting I, II, and III
Several of the courses listed below have additional prerequisites. Please read the following course descriptions carefully before making your decision. Unconditional acceptance into colleges and universities is dependent upon the student successfully completing four years of high school English.

**Ninth Grade English**

Ninth grade English consists of instructional units integrating literature, composition, speech, and grammar. Students will also be expected to develop their vocabulary and study skills. There are two options available to students for meeting the ninth grade English requirements. Parents and students should consider the student’s past achievements in English and the student’s future plans before selecting the proper English course. In order to receive the maximum benefits from the high school program, it is important for students to enroll in courses that best meet their ability levels. It has been our experience that students who do not enroll in English courses that provide sufficient challenges suffer in the long run in future high school and college courses. **Students may be required to buy some paperback books.**

- **Honors English 9 - 1300**  
  2 semesters / 1 credit / Fee Required  
  This is an advanced course including all four components of the English curriculum: grammar, speech, literature, and composition. This course receives a weighted grade.  
  **Summer reading may be required.**  
  **Prerequisite:** Placement score based on advanced course rubric

- **CP English 9 - 1310**  
  2 semesters / 1 credit / Fee Required  
  The emphasis of this college prep course is on all four components of the English curriculum: grammar, speech, literature, and composition.

**Tenth Grade English**

Tenth grade English consists of instructional units in literature, composition and presentation. There are two options open to tenth graders for meeting their tenth grade English requirement. Parents and students should consider the student’s past achievements in English, future plans and teacher recommendation before selecting the appropriate English course. In order to receive maximum benefits from the high school program, it is important for students to enroll in the course that best matches their ability level. It has been our experience that students who do not enroll in English courses that provide sufficient challenges suffer in the long run in future high school and college courses. **Students will be required to buy some paperback books.**

- **Honors English 10 - 1400**  
  2 semesters / 1 credit / Fee Required  
  This course, which stresses an intensive level of composition and literature, is designed for motivated, self-directed students seeking a challenging class which emphasizes critical analysis, synthesis, and application of knowledge. This course receives a weighted grade.  
  **Summer reading may be required.**  
  **Prerequisite:** Teacher recommendation and a C or higher in previous Honors English class, or teacher recommendation for CP English students.

- **CP English 10 - 1410**  
  2 semesters / 1 credit / Fee Required  
  This is a college prep course concentrating on all components of the English curriculum: literature, composition and presentation.  
  **Prerequisite:** English 9
Eleventh Grade English
Eleventh grade English covers literature, composition, grammar, speech and vocabulary but the emphasis of this class is the in-depth study of American Literature. There are two options open to eleventh graders for meeting their eleventh grade English requirement. Parents and students should consider the student’s past achievements in English and future plans before selecting the appropriate English course. Tenth grade English teachers can provide valuable assistance in helping select an eleventh grade course. In order to receive maximum benefits from the high school program, it is important for students to enroll in the course that best matches their ability level. It has been our experience that students who do not enroll in English courses that provide sufficient challenges suffer in the long run in future high school and college courses. Students may be required to buy some paperback books.

Honors English 11 - 1500
2 semesters / 1 credit / Fee Required
This course is designed for students seeking a challenging fast paced study of American literature which emphasizes composition, critical analysis, synthesis, and application of knowledge. This course receives a weighted grade. Summer reading may be required. Prequisite: Teacher recommendation and a C or higher in previous Honors English class, or teacher recommendation for CP English students.

CP English 11 - 1510
2 semesters / 1 credit / Fee Required
Designed for the college prep student, this course includes grammar, speech, composition, vocabulary development and American Literature from the 17th Century to the Present with a heavy emphasis on the historical context of the literature. Prerequisite: English 10

Twelfth Grade English
Twelfth grade English covers literature, composition and presentation. There are four options open to twelfth graders for meeting their twelfth grade English requirement. Parents and students should consider the student’s past achievements in English, future plans, and teacher recommendation before selecting the appropriate English course. In order to receive maximum benefits from the high school program, it is important for students to enroll in the course that best matches their ability level. It has been our experience that students who do not enroll in English courses that provide sufficient challenges suffer in the long run in college courses. Students will be required to buy some paperback books and/or pay a fee.

Advanced Courses
Advanced Composition - 1610
2 semesters / 1 credit
This course is recommended for the college bound senior with strong grammar, vocabulary and sentence structure skills. Emphasis is on expository prose, personal and argumentative essays, logic, research and literary analysis. There is also a strong reading component to this course. This course is modeled on a first-year composition course at a four year university. Prerequisite: Successful completion of Honors English 11 or an A or B in CP English 11.

Honors Advanced Composition – 1695
2 semesters / 1 credit
College Credit Plus Course
This is an Honors-level/University-level writing course that follows the Cincinnati State syllabus and earns the student college credit upon successful completion of the year-long (2 semester) course. This course situates writing as a thinking tool. Thus, the course is about learning to combine two particular skills-critical reading and critical thinking. It is recommended for advanced writing students who will attend a four-year college or university immediately after high school graduation.

This course provides an introduction to college writing focusing on understanding the writing process. Topics include: Rhetorical Analysis (identifying audience, purpose, topic); Strong Response (reading current and literary non-fiction and responding in essay format); and College Composition (developing a strong thesis, providing sufficient evidence for claims, and writing essays with grammatical, mechanical, and stylistic correctness).

The workload is demanding; students will read and respond to both short and longer texts in a variety of media (100+ pages per semester), and write a minimum of 5000 words each semester, including at least 3 extended essays of 1000 words each, and a comprehensive research paper 2nd semester. Prerequisite: Teacher recommendation and student writing sample
British Literature - 1630
2 semesters / 1 credit
This course is recommended for the college bound senior with strong reading and vocabulary skills. This literature and writing course is open to seniors who wish to develop skills in literary analysis, increase vocabulary, and improve writing. The focus of the course is the literature and history of Great Britain from the 5th to the 20th centuries. There is also a strong writing component to this class. This course is critical to all students interested in attending a four year university.
Prerequisite: Successful completion of Honors English 11 or a C or above in CP English 11.

CP Courses

World Literature & Composition - CP12 - 1690
2 semesters / 1 credit
This course includes basic college/career readiness writing skills, emphasizing the structure, style, and mechanics of essay writing. The literary component exposes students to world literature from a variety of cultures and provides both written and oral opportunities for students to respond personally, critically, and creatively to that literature.
Prerequisite: Successful completion of Honors English 11 or Counselor approval for concurrent enrollment.

English Electives

The following classes cannot be substituted for the required English courses noted above. As courses available for elective credit, they provide enrichment in oral and written communication.

Introduction to Creative Writing - 16413
1 semester / .5 credit / Fee Required
This intensive writing workshop is designed for students interested in expanding the style of their writing. Students will learn the basic components of the following styles of writing: descriptive, personal, narrative, short story, poetry, and drama. Students will be expected to write daily and keep an extensive portfolio of their work which may be published.

Creative Writing - 16403
1 semester / .5 credit / Fee Required
Creative Writing is a rigorous writing workshop designed for students interested in expanding the scope of their fiction writing. Creative writers will study and produce multiple genres of poetry, both traditional and contemporary, and learn the components of extended prose through the preparation and composition of a novella. Students will explore both print and electronic sources to develop innovative methods for improving their writing with focus on creativity, style, voice, and expression. Students will be expected to write daily, maintain online drafts, and keep an electronic portfolio of their work.

Journalism I - 1700
2 semesters / 1 credit / Fee Required
Students practice in issue-oriented reporting, feature, sports, and opinion writing as well as advertising design, photography, video work, research, interviewing, and other news-gathering strategies. Skills will be applied via the school news publication, website and video coverage.
Prerequisite: Applications may be picked up from the journalism advisor or may be downloaded from the school website.

Journalism II - 1705
2 semesters / 1 credit / Fee Required
Students refine news, feature and opinion writing while gaining experience with topics ranging from public relations and photography to online work and sports information. They experiment with production strategies and magazine and newspaper design via the school news publication, online publication and video work.
Prerequisite: Journalism I and teacher recommendation

Honors Journalism - 1715
2 semesters / 1 credit / Fee Required
Students research/write/edit/design stories for the school news magazine and online news organization. Students manage the entire publication program, business, design, art direction, marketing, sales, printing and advertising. Staff members work for local press outlets. After school hours required.
Prerequisite: Journalism II and teacher recommendation

Reading Workshop - 1360
2 semesters / 1 credit / Fee Required
This course emphasizes basic reading skills including comprehension and vocabulary. It is designed primarily for the student with diagnosed reading needs who is not presently receiving additional reading instruction. Students will be assigned to this course according to the district reading selection process.
Placement made by administrative review of student data

Speech - 18503
1 semester / .5 credit / Fee Required
This dynamic, interactive course focuses on the development of public speaking skills, primarily through the writing and presentation of speeches. Students present a number of major speeches throughout the semester, including traditional types, such as informative, demonstrative, and persuasive. The course also covers impromptu speaking, research, special occasion speeches, oral interpretation of literature, interview and debate skills, technology, and peer review. Effective oral communication enhances one’s future success in high school, college, careers, and all areas of life.
AP Courses

**AP English Language and Composition – 1615**
2 semesters / 1 credit
The AP English Language and Composition course requires students to become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. This course will incorporate texts from American literature. Students will not be required to take the AP exam but it is strongly encouraged. This course receives a weighted grade. 
Summer work may be required.
Prerequisite: Teacher recommendation and a B in Honors 10 English or CP English 11, or teacher recommendation and a C or higher for Honors 11 English students.

**AP English Literature & Composition – 1600**
2 semesters / 1 credit
The AP Literature & Composition course is an in-depth study of literature and composition for seniors who may want to earn college credit. The literature studied will represent varying genres, time periods, and cultures. Students will not be required to take the AP exam, but it is strongly encouraged. This course receives a weighted grade. 
Summer work is required.
Prerequisite: Teacher recommendation and a B or higher in Honors English 11; teacher recommendation and entrance test for CP English 11 students; teacher recommendation and/or successful completion of AP Language and Composition
ENGLISH AS A SECOND LANGUAGE PROGRAM

ESL Courses
English as a Second Language (ESL) classes are available for students who are identified as having a home or native language other than English and who qualify for additional services to support their language acquisition. Eligibility for the ESL program is determined at the time of enrollment through a language assessment or by the student's Ohio Test of English Language Acquisition (OTELA), or other comparable state assessment scores. All students in the ESL program take both a grade level English course, as previously outlined, and an ESL class. Students can receive elective credit for successful completion of ESL courses. Course placement is determined by multiple factors, including the OTELA scores, the initial assessment at the time of enrollment, and the student's previous ESL courses.

ESL Fundamentals of Language Arts - 1245
2 semesters / 1 credit
This course is designed to address the language and literacy needs of Newcomer (pre-functional) and beginning level (OTELA 1), Limited English Proficient (LEP) students. The objectives include improving English language competence and proficiency in the areas of listening, speaking, writing and reading with emphasis on phonemic awareness, phonics, vocabulary, fluency, and comprehension. Students will also learn cultural aspects of American life. This course is taken in addition to the grade-level English course. Students will receive supplementary instruction to support language acquisition and comprehension of core content. Teachers will follow Ohio's English Language Proficiency Standards to focus instructional support.

ESL English I - 1340
2 semesters / 1 credit
This course is for students who have successfully completed a Fundamentals or Newcomer level course OR who have scored a 1 or 2 on the most recent OTELA. This course is taken in addition to the grade-level English course. Students will receive supplementary instruction to support language acquisition and comprehension of core content. Teachers will follow Ohio’s English Language Proficiency Standards to focus instructional support.

ESL English II - 1440
2 semesters / 1 credit
This course is for students who have successfully completed ESL English I (or a comparable course) OR who have scored a 2 or 3 on the most recent OTELA. This course is taken in addition to the grade-level English course. Students will receive supplementary instruction to support language acquisition and comprehension of core content. Teachers will follow Ohio’s English Language Proficiency Standards to focus instructional support.

ESL English III - 1540
2 semesters / 1 credit
This course is for students who have successfully completed ESL English II (or a comparable course) OR who have scored a 3 on the most recent OTELA. This course is taken in addition to the grade-level English course. Students will receive supplementary instruction to support language acquisition and comprehension of core content. Teachers will follow Ohio’s English Language Proficiency Standards to focus instructional support.
All students can benefit from Family and Consumer Sciences courses. The classes are designed to meet the needs of all different types of learners. Students will learn skills for managing individual and family needs, problem solving, setting goals, and being a leader. Students will experience a variety of teaching techniques: small group activities, presentations, hands-on projects, classroom discussions, labs, field trips, and community involvement. In each course all students are required to complete a final semester culminating course project and group community service project. Through integrated classroom activities students will be given the opportunity to participate in Family, Career, and Community Leaders of America (FCCLA), a youth leadership organization.

**Human Growth & Development**  
Z7502 East / Z7602 West  
1 semester / 0.5 credit  
Grades 9-12  
In this course, students will examine an overview of human growth and development during all stages of life. Physical, cognitive, social, and emotional developmental milestones will be emphasized. Additional topics covered are human characteristics, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community. Students will have the opportunity to be involved in Family, Career and Community Leaders of America (FCCLA) state and national organization.

**Introduction to Family & Consumer Sciences**  
Z7520 East / Z7620 West  
1 semester / 0.5 credit  
Grades 9 & 10  
Learn an overview of some of the major content areas of Family & Consumer Sciences. Students will be introduced to healthy relationship strategies, milestones in the development of children, and basic financial literacy principles. Students will also develop communication, leadership, and career investigation skills. Students will have the opportunity to be involved in Family, Career and Community Leaders of America (FCCLA) state and national organization.

**Culinary Fundamentals**  
Z7506 East / Z7606 West  
1 semester / 0.5 credit  
Grades 9-12  
Students will prepare foods through different cooking methods that preserve nutrients. They will learn how to select and properly use tools in the kitchen. Students will apply proper measuring and recipe preparation techniques. They will also develop knowledge of food and nutrition that will guide them to make healthy choices.

**Career and College Readiness**  
Z7510 East / Z7610 West  
1 semester / 0.5 credit  
Grades 9-12  
Students develop and practice leadership, team building and communication skills. They learn workplace appropriate etiquette and communication skills and business dining etiquette. Entrepreneurship, personal financial wellness, and consumer protection issues are topics of the course.

**Personal Wellness**  
Z7500 East / Z7800 West  
1 semester / 0.5 credit  
Grade 9  
Are you looking for a way to learn how to juggle your relationships, activities and school? In this class you learn how to have a healthy lifestyle and guide healthy food choices. You will learn to manage stress, practice communication skills, nurture healthy relationships and create your own healthy lifestyle plan. Students will have the opportunity to be involved in Family, Career and Community Leaders of America (FCCLA) state and national organization.
FOREIGN LANGUAGE

Successful completion of 1st, 2nd and 3rd year may be used to fulfill one of the criteria for an Honors Diploma. While there is no foreign language requirement for graduation, most colleges and universities now require two or three years of a foreign language for acceptance. Please request additional information from your guidance counselor.

American Sign Language

ASL is not accepted by all colleges; however it is becoming more widely accepted for high school foreign language credit. Students are advised to check requirements for individual colleges.

American Sign Language I - 6300
2 semesters / 1 credit / Fee Required
This course is designed to develop basic receptive and expressive skills and to prepare students for language in a visual mode. A practical approach to teaching vocabulary and grammar through “real life” conversational experience will be utilized. Deaf Culture will be included as a critical aspect of the curriculum.

American Sign Language II - 6310
2 semesters / 1 credit / Fee Required
This course is designed to develop intermediate receptive and expressive skills by utilizing a practical approach to teaching vocabulary, grammar and cultural aspects through “real-life” conversational experiences. Emphasis will be given to the student’s production of the language and receptive skills, with a focus on increasing both communicative fluency and grammatical accuracy.  
Prerequisite: Successful completion of American Sign Language I

American Sign Language III - 6320
2 semesters / 1 credit / Fee Required
This course is an in-depth and advanced course that will strengthen the student’s conversational skills by learning and reviewing vocabulary related to everyday topics. The student will discuss, analyze and evaluate the language with continued study of the Deaf Culture.  
Prerequisite: Successful completion of American Sign Language II

French

French I - 6400
2 semesters / 1 credit / Fee Required
This course provides an introduction to the language and culture of the French-speaking world. Students will attain an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing in topics that relate to everyday life.

French II - 6410
2 semesters / 1 credit / Fee Required
Students will continue to develop the skills learned in French I. Students will acquire a command of the key vocabulary and structures necessary for personal communication as well as an appreciation of the breadth and variety of the French-speaking world.  
Prerequisite: Successful completion of French I

French III - 6420
2 semesters / 1 credit / Fee Required
This course will strengthen the student’s conversational skills by teaching how to communicate in typical daily life situations. Emphasis is on aural and reading comprehension and self-expression in speaking and writing.  
Prerequisite: Successful completion of French II

French IV - 6430
2 semesters / 1 credit / Fee Required
This course is designed to further develop reading, writing, listening and speaking skills through a study of advanced grammar, French literature and cultural material. This course will help students prepare for college proficiency tests and/or future study of French.  
Prerequisite: Successful completion of French III

AP French Language and Culture - 6440
2 semesters / 1 credit / Fee Required
This course is designed to further develop interpretive, interpersonal, and presentational communication skills as well as comprehensive cultural knowledge through the study of advanced grammar, French literature and cultural material. This course will help students prepare for the AP French Language and Culture exam, college proficiency tests and/or future study of French.  
Prerequisite: Successful completion of French III and Teacher recommendation
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
<th>Fee Required</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Latin</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin I - 6600</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course introduces the study of Latin grammar, syntax, vocabulary and Greek and Roman mythology, history and culture. The goal of the course is to gain reading knowledge of the Latin language.</td>
</tr>
<tr>
<td>Latin II - 6610</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course continues the study of Latin grammar, syntax, vocabulary and Greek and Roman mythology, history and culture. The strengthening of reading knowledge is the main goal of this course. Prerequisite: Successful completion of Latin I</td>
</tr>
<tr>
<td>Latin III - 6620</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course applies previously learned grammar and vocabulary to the reading and understanding of the writings of a variety of ancient Rome’s famous authors. The building of vocabulary and grammar skills continues for students especially interested in improving performance on standardized college-entrance exams. Prerequisite: Successful completion of Latin II</td>
</tr>
<tr>
<td>Latin IV - 6630</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course provides motivated students of the classics an in-depth study of the literature written by some of ancient Rome’s most famous authors. Students will explore thematic units dedicated to culture surrounding literature. Prerequisite: Successful completion of Latin III</td>
</tr>
<tr>
<td>AP Latin / IV - 6640</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course provides motivated students of the classics with the means to succeed on the AP Latin Exam. Students translate more than 500 lines of Vergil’s <em>Aeneid</em> and more than 500 lines of Caesar’s <em>Gallic War</em> with detailed analysis of poetic devices and literary themes. Prerequisite: Successful completion of Latin III and Teacher Recommendation</td>
</tr>
<tr>
<td><strong>Spanish</strong></td>
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<td></td>
</tr>
<tr>
<td>Spanish I - 6700</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course provides an introduction to the language and culture of the Spanish-speaking world. Students will attain an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing in topics that relate to everyday life.</td>
</tr>
<tr>
<td>Spanish II - 6710</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>Students will continue to develop the skills learned in Spanish I. Students will acquire a command of the key vocabulary and structures necessary for personal communication as well as an appreciation of the breadth and variety of the Spanish-speaking world. Prerequisite: Successful completion of Spanish I</td>
</tr>
<tr>
<td>Spanish III - 6720</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course will strengthen the student’s conversational skills by teaching how to communicate in typical daily life situations. Emphasis is on aural and reading comprehension and self-expression in speaking and writing. Prerequisite: Successful completion of Spanish II</td>
</tr>
<tr>
<td>Spanish IV - 6730</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course is designed to further develop reading, writing, listening and speaking skills through a study of advanced grammar, Spanish literature and cultural material. The skills developed will help students prepare for college proficiency tests and/or future study of Spanish. Prerequisite: Successful completion of Spanish III</td>
</tr>
<tr>
<td>AP Spanish Language - 6740</td>
<td>2,1</td>
<td>Fee</td>
<td></td>
<td>This course is designed to further develop interpretive, interpersonal, and presentational communication skills as well as comprehensive cultural knowledge through the study of advanced grammar, Spanish literature and cultural material. The skills developed will help students prepare for the AP Spanish Language and Culture exam, college proficiency tests and/or future study of Spanish. Prerequisite: Successful completion of Spanish III and Teacher recommendation</td>
</tr>
</tbody>
</table>
The state mandated requirements for graduation are met with each course. Every student is required to successfully complete one (1) semester of health before graduation from high school*.

* Beginning with the Class of 2017, successful completion of Personal Health for high school credit in grade eight will meet graduation requirements noted above.

The Health Department offers two different elective courses for the 9-12 grade students in the Lakota School District. The state mandated health requirements for graduation includes units on alcohol/tobacco and chemical substance abuse, STDs/HIV/AIDS, skin cancer, violence, nutrition and physical fitness and are met within each course offering.

Students may elect to take a second (or more) health course to fulfill elective requirements. In all Health courses, homework is given on a regular basis. Various speakers are invited to speak to classes to enhance course content and objectives. In addition, there will be quizzes, unit tests and a final assessment. Health courses count as a solid subject for Ohio High School Athletic Association requirement.

**Human Sexuality - 53103**
1 semester / .5 credit / Fee Required
This abstinence-based course is designed to address current issues faced by teens in today's society. Important areas of emphasis include; development changes from conception through adulthood, communication skills, dating relationships, violence & abuse, STDs/HIV/AIDS, the role of heredity & environment on behavior and decision-making skills & decision-making skills that enhance self-respect and respect for others.

**Personal Health - 53303**
1 semester / .5 credit / Fee Required
This course is designed to introduce students to a wide variety of health topics. This course will foster the understanding that all individuals should choose healthy lifestyles thus promoting and enhancing all areas of wellness.
MATHEMATICS

Mathematics Course Options

**College Prep Level Courses**

**Freshman Math - 2407**  
2 semesters / 1 credit / Fee Required  
Freshman Math is a companion course for those students enrolled in Algebra. Students will engage in activities designed to reinforce skills taught in Algebra I as well as other topics. This course will not count for NCAA athletic eligibility or as math credit. May be used as an elective.  
Placement made with administrative review of student data

**Sophomore Math - 2408**  
2 semesters / 1 credit / Fee Required  
Sophomore Math is a companion course for those students enrolled in Geometry. Students will engage in activities designed to reinforce skills taught in Geometry as well as other topics. This course will not count for NCAA athletic eligibility or as math credit. May be used as an elective.  
Placement made with administrative review of student data

**Junior Math - 2409**  
2 semesters / 1 credit / Fee Required  
Junior Math is a companion course for those students enrolled in Algebra II. Students will engage in activities designed to reinforce skills taught in Algebra II as well as other topics. This course will not count for NCAA athletic eligibility or as math credit. May be used as an elective.  
Placement made with administrative review of student data

**Honors Level Courses**

**Honors Geometry**

**Honors Algebra II**

**Honors Pre-Calculus**

**AP Calculus AB**

**AP Calculus BC**

**CP Algebra I - 2400**  
2 semesters / 1 credit / Fee Required  
This academic course introduces the student to the fundamental concepts of Algebra. It is the foundation course for future college prep math courses.

**CP Geometry - 2510**  
2 semesters / 1 credit / Fee Required  
This course is a study to construct a formal system in Euclidean geometry. Areas of emphasis include applying theorems, formulas and Algebra skills to solve problems. Additional work will be assigned to assist in preparing for the Ohio Graduation Test.  
Prerequisite: Successful completion of College Prep Algebra I

**CP Algebra II - 2440**  
2 semesters / 1 credit / Fee Required  
This course includes an in-depth study of the algebraic skills necessary for upper level mathematics and science courses.  
Graphing calculator strongly suggest (TI-83, 83+ or 84 recommended)  
Prerequisite: Successful completion of College Prep Geometry
CP Pre-Calculus - 2615
2 semesters / 1 credit / Fee Required
This course is designed to prepare students for college level courses in calculus and statistics. Topics of study will include: analysis of quadratics, exponential and logarithmic functions, trigonometry, complex numbers, vectors, and statistics. Modeling of real world phenomena is emphasized throughout. Pre-Calculus is a necessity for students to pursue advanced studies in mathematics, science, or business at the college level.
A graphing calculator (TI-83, 83+, or 84) is required for this course.
Prerequisite: Successful completion of Algebra II

Honors Pre-Calculus with Trigonometry - 2600
2 semesters / 1 credit / Fee Required
This course covers all aspects of trigonometry as well as vectors and polar systems. Other topics include conics, polynomial, exponential, logarithmic, rational functions, probability, sequences and series topics from differential calculus.
Graphing calculator required (TI-83, 83+ or 84)
Prerequisite: Successful completion of Honors Algebra II and teacher recommendation
College Credit Plus Course

AP Courses

Advanced Placement Calculus (BC) - 2630
2 semesters / 1 credit / Fee Required
This course is designed to make it possible to earn two semesters of college credit with a qualifying score on the AP test. This course is a more rigorous student of Calculus. All students enrolled in Advanced Placement level courses will have required summer work.
Graphing calculator required (TI-83, 83+ or 84)
Prerequisite: Honors Pre-Calculus with Trigonometry and teacher approval

Advanced Placement Calculus (AB) - 2640
2 semesters / 1 credit / Fee Required
This course is designed to make it possible to earn one semester of college credit with a qualifying score on the AP test. This course is a rigorous study of Calculus that covers fewer topics than Advanced Placement Calculus BC. All students enrolled in Advanced Placement level courses will have required summer work.
Graphing calculator required (TI-83, 83+ or 84)
Prerequisite: Honors Pre-Calculus with Trigonometry and teacher approval

Advanced Placement Statistics - 2800
2 semesters / 1 credit / Fee Required
This course is designed for students who may want to earn one semester of introductory, non-calculus based college credit by taking the AP test.
Graphing calculator required (TI-83, 83+ or 84)
Prerequisite: Completed CP Algebra I and currently enrolled in CP Pre-Calculus or higher
In the State of Ohio, two semesters of Physical Education are required for high school graduation. In Lakota, two (2) Physical Education classes are required to achieve the Lakota Local School District Physical Education graduation requirement. These courses must include Lifetime Fitness or Fitness and Sports* and one (1) additional approved elective. Students planning on attending Butler Tech during their junior and senior years should complete their two (2) Physical Education requirements during their freshman and sophomore years.

* Beginning with the Class of 2017, successful completion of Fitness and Sport for high school credit in grade eight will meet one of the two required physical education credits.

Please see page 3 for information regarding PE Waiver criteria.

**Athletic Eligibility Note:** Physical Education classes are NOT considered “solids” for the Ohio High School Athletic Association eligibility. Students should check their schedule requests to assure they have five solid subjects without counting Physical Education or study halls. Level I and II courses may be taken consecutively (two semesters total) to earn a total of 0.5 credit for the year.

**Fitness and Sports - 54083**
1 semester / .25 credit / Fee Required
The purpose of this course is to introduce students to skill related fitness through sport and health related fitness through physical activity. Students will be introduced to a variety of sports that they may take part in for life. Students will practice skills, participate in lead up games, and play each sport. In addition, each student will learn the basic terminology, rules, and safety of each sport. Students will also be introduced to muscular strength and endurance activities to improve his/her personal fitness. Students may utilize free weights/dumbbells, machines, strength bands, medicine balls and body weight exercises for the development of overall muscular strength and endurance using correct techniques and providing a safe environment. Cardiovascular and flexibility fitness activities will be taught which may include jogging, aerobics, circuit training, fitness stations, and cardiovascular media in your target heart rate zone.

This course will be offered for grades 9-12 and during the 8th grade year for High School credit. This course is required for graduation.

**Aerobics I - 54103**
1 semester / .25 credit / Fee Required
This course focuses on cardio-respiratory and muscular endurance activities in which the participant is training in his/her target heart rate zone for at least 30 minutes daily. The primary focus of the class is aerobics, set to music, which may include step aerobics, cardio-kickboxing, cardio-dance aerobics and aerobic circuit training. Other activities may include but are not limited to walking/jogging, skating, etc. This is a strenuous class. This course does fulfill the second part of the Physical Education graduation requirement.

**Aerobics II - 54153**
1 semester / .25 credit / Fee Required
This course is a follow-up to Aerobics I. The class focuses on cardio-respiratory and muscular endurance activities in which the participant is training in the mid to upper limits of his/her target heart rate zone for at least 30 minutes daily. The primary focus of the class is aerobics set to music, which may include step aerobics, cardio kick boxing, cardio-dance aerobics and aerobic circuit training. Other activities may include but are not limited to walking/jogging, skating, etc. This is a strenuous class. This course does fulfill the second part of the Physical Education graduation requirement.

Prerequisite: Aerobics I

**Walking, Jogging and Fitness I - 54053**
1 semester / .25 credit / Fee Required
This course focuses on cardio-respiratory and muscular endurance activities in which the participant is training in his/her target heart rate zone for at least 30 minutes daily. The primary focus of the class is walking and/or jogging. This course does fulfill the second part of the Physical Education graduation requirement.
Walking, Jogging and Fitness II - 54073
1 semester / .25 credit / Fee Required
This course is a follow-up to Walking & Jogging for Fitness I. The class focuses on cardio-respiratory and muscular endurance activities in which the participant is training in the mid to upper limits of his/her target heart rate zone for at least 30 minutes daily. The primary focus of the class is walking and/or jogging. This course does fulfill the second part of the Physical Education graduation requirement.

Prerequisite: Walking, Jogging and Fitness I

Weight Training for General Fitness I - 54603
1 semester / .25 credit / Fee Required
This course focuses on the student who wants to improve his/her personal fitness level. Students will utilize free weights, machines, strength bands and body weight resistance exercises for the development of muscular strength and endurance. Acceleration training can be a major component of this class. This course does fulfill the second part of the Physical Education graduation requirement.

Prerequisite: Fulfillment of all Physical Education Requirements.

Weight Training for General Fitness II - 54653
1 semester / .25 credit / Fee Required
This course is a follow-up to Weight Training for General Fitness I with increased intensity levels in which the participant is expected to increase the reps/sets and/or weight/resistance. This course focuses on the student who wants to improve his/her fitness level. Students will utilize free weights, machines, strength bands and body weight resistance exercises for the development of muscular strength and endurance. Acceleration training can be a major component of this class. This course does fulfill the second part of the Physical Education graduation requirement.

Prerequisite: Weight Training for General Fitness I

Recreational Physical Education I - 54303
1 semester / .25 credit / Fee Required
This course places an emphasis on the recreational value of sports. The sports played may include, but are not limited to; Archery, Badminton, Basketball, Bowling, Corn Hole, Floor Hockey, Golf, Lacrosse, Paddle Tennis, Speedball, Soccer, Softball, Table Tennis, Team Handball, Tennis, Ultimate Frisbee/Football and Volleyball. This course DOES NOT fulfill the second part of the Physical Education graduation requirement.

Prerequisite: Fulfillment of all Physical Education Requirements.

Recreational Physical Education II - 54353
1 semester / .25 credit / Fee Required
This course is a follow up to Recreational Physical Education I with an added emphasis on the recreational value of sports. The sports played may include, but are not limited to; Archery, Badminton, Basketball, Bowling, Corn Hole, Floor Hockey, Golf, Lacrosse, Paddle Tennis, Speedball, Soccer, Softball, Table Tennis, Team Handball, Tennis, Ultimate Frisbee/Football and Volleyball. This course DOES NOT fulfill the second part of the Physical Education graduation requirement.

Prerequisite: Recreational Physical Education I

Team / Individual Sports - 54503
1 semester / .25 credit / Fee Required
This course is designed to introduce students to a wide variety of sports that they may take part in for life. Students will practice skills, participate in lead up games and play sports. The sports may include, but are not limited to; Archery, Badminton, Basketball, Bowling, Corn Hole, Floor Hockey, Golf, Lacrosse, Paddle Tennis, Speedball, Soccer, Softball, Table Tennis, Team Handball, Tennis, Ultimate Frisbee/Football and Volleyball. As well, each student will learn the basic terminology, rules, safety and history about each sport. This course does qualify as fulfilling the second part of the Physical Education graduation requirement.
There are testing and curriculum requirements connected with the Ohio high school diploma. Students must meet both requirements to earn an Ohio diploma. Three Science courses are required for graduation. One biology, one physical science and one elective science course is required. Please refer to the course of study booklet for course descriptions and pre- and co- requisites. The math courses listed are suggested companion courses for success in the science course.

**HS Science Sequence:**

**Class of 2016**

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP Bio</td>
<td>CP Physical</td>
</tr>
<tr>
<td>(CP Alg I/Freshman Math)</td>
<td>(CP Geometry)</td>
</tr>
<tr>
<td>Honors Biology</td>
<td>Chemistry I</td>
</tr>
<tr>
<td>(CP Alg I., CP Geometry)</td>
<td>(CP Alg II)</td>
</tr>
<tr>
<td>Honors Chemistry</td>
<td>Honors Chemistry</td>
</tr>
<tr>
<td>(Honors Alg I.)</td>
<td>(Honors Alg II)</td>
</tr>
</tbody>
</table>

**Class of 2017 and Beyond**

<table>
<thead>
<tr>
<th>Eighth Grade</th>
<th>Grade 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Science</td>
<td>Honors Biology</td>
</tr>
<tr>
<td>CP Physical Science</td>
<td>(CP Alg I)</td>
</tr>
<tr>
<td>(CP Geometry)</td>
<td>(Honors Geometry)</td>
</tr>
<tr>
<td>CP Biology</td>
<td>(CP Geometry)</td>
</tr>
<tr>
<td>(CP Alg II)</td>
<td>(Honors Alg II)</td>
</tr>
</tbody>
</table>

**BIOLOGICAL SCIENCES**

**CP COURSES**

**CP Biology - 3303**

2 semesters / 1 credit / Fee Required

This college prep course examines living organisms and their relationships to the environment. Critical thinking and scientific reasoning are stressed.

Co-Requisite: CP Geometry

**Biology II - 3320**

2 semesters / 1 credit / Fee Required

This is a second year of Biology that covers studies in botany, microbiology, zoology and human anatomy. Laboratory experience includes required dissections.

Prerequisite: CP Biology

**HONORS COURSES**

**Honors Biology - 3325**

2 semesters / 1 credit / Fee Required

This in-depth college prep course emphasizes life science concepts at the biochemical and microscopic levels. Students are expected to apply these concepts through synthesis, analysis, and critical thinking activities.

Co-Requisite: Honors Geometry

**AP COURSES**

**Advanced Placement Biology - 3330**

2 semesters / 1 credit / Fee Required

This course covers the 4 big ideas in biological science as determined by the AP College Board.

Recommended Prerequisite: Chemistry I or Honors Chemistry

Prerequisite: CP Biology or Honors Biology.
PHYSICAL SCIENCES

CP COURSES

CP Physical Science - 3400
2 semesters / 1 credit / Fee Required
This college prep course is an introduction to Physical Science concepts and is intended to prepare students for success in science electives. All OGT Physical Science Benchmarks and Indicators are addressed.
Co-Requisite: CP Algebra I

Chemistry I - 3430
2 semesters / 1 credit / Fee Required
This college prep course includes a study of inorganic chemistry and nuclear chemistry with extensive use of algebraic mathematical skills. Lab skills are developed and stressed.
Co-Requisite: CP Algebra II

Chemistry II - 3440
2 semesters / 1 credit / Fee Required
This course continues the study of Chemistry I topics such as stoichiometry and nuclear chemistry, and advanced topics such as thermo and electro-chemistry, reaction rates, solution chemistry, etc.
Co-Requisite: CP Pre-Calculus

CP Environmental Science - 3490
2 semesters / 1 credit / Fee Required
This inquiry based laboratory course introduces the core concepts, principles, and theories of environmental science. Biology, chemistry, physics and physical geology will be incorporated. Scientific questioning and reasoning, analysis, and real world applications will be used to explore the topics of this course including: Earth's biospheres and resources, pollution, populations, climate change, and environmental issues.
Prerequisites: CP Physical Science and CP Biology

CP Physics - 3460
2 semesters / 1 credit / Fee Required
This course explores Newtonian mechanics, energy changes, optics, magnetism, electricity, and modern physics. NOTE: You may not take Honors Physics after taking CP Physics.
Co-Requisite: CP Pre-Calculus

HONORS COURSES

Honors Chemistry I - 3429
2 semesters / 1 credit / Fee Required
This course is designed for 10th grade students with advanced math skills. Introductory AP laboratory skills will be developed.
Co-Requisite: Honors Algebra II

Honors Physics - 3470
2 semesters / 1 credit / Fee Required
This junior/senior course explores Newtonian mechanics and energy exchanges using advanced math. Optics, magnetism, electricity and modern physics are also considered. Students will have the option to take the AP Physics I Algebra based exam.
Co-Requisite: Honors Pre-Calculus (11th grade) or CP Calculus (12th grade)/CP Pre-Calc with teacher approval

AP COURSES

Advanced Placement Chemistry - 3450
2 semesters / 1 credit / Fee Required
This course studies inorganic and organic chemistry as determined by the AP College Board. This is a second year course.
Successful completion of placement assessment and/or summer project is required.
Co-Requisite: Honors Pre-Calculus

Advanced Placement Physics C: Mechanics
Advanced Placement Physics C: Electricity and Magnetism - 3480
2 semesters / 1 credit / Fee Required
This course is a calculus study of mechanics and electromagnetism as determined by the AP College Board. Completion of placement assessments and/or summer project is required.
Prerequisite: Honors Physics
Co-Requisite: AB Calculus or BC Calculus preferred

Advanced Placement Environmental Science - 3495
2 semesters / 1 credit / Fee Required
The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.
Prerequisite: CP or Honors Chemistry
**Freshman Courses**

All freshmen must take **ONE** of the following world studies courses:

**CP World History - 4200**  
2 semesters / 1 credit / Fee Required  
The emphasis of this college-prep course will be on the application of the state standards in social studies in the context of the period 1600-present. There will be an emphasis on developing critical thinking skills.

**Honors American History - 4475**  
2 semesters / 1 credit / Fee Required  
This course examines the time period from 1877 to the present. Students study the chronological history of the United States with emphasis on domestic affairs. As the students study historic eras, they consider the geographic, cultural, economic and governmental changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. This honors course prepares students for future advanced placement history courses.  
Prerequisite: World History

**Sophomore Courses**

American History is a required course. Sophomores who have taken Honors American History may select AP US History or AP Human Geography. (Students interested in taking AP US History are strongly encouraged to be in the top 20% of their freshmen class)

**CP American History - 4325**  
2 semesters / 1 credit / Fee Required  
This college-prep course is designed for sophomores who will seek further education upon graduation from high school. It explores significant historical developments from 1877 to the present. While the latter part of the 19th century will be explored, the emphasis of this course will be on the major twentieth century events that helped shape this period.

**Junior Courses**

All juniors must take Government or AP Government; as well as Economics or AP Micro/Macro Economics.

**Government - 43503**  
1 semester / 0.5 credit  
This required course is designed to provide an understanding of the U.S. Constitution, including the executive, legislative and judicial branches, state and local government, and political parties. Fifteen (15) hours of community service and a U.S. Constitutional scrapbook are required. Qualified students may substitute a full year of AP Government during their junior or senior year.

**Economics - 43403**  
1 semester / 0.5 credit  
This required course deals with the fundamental economic concepts and the practical application of these concepts. This course is intended to be an overview of the economic system. While financial literacy will be studied, the course is not a consumer education course. Qualifying students may substitute a full year of AP Economics during their junior or senior year.

**Social Studies Electives**

**Psychology - 44403**  
1 semester / 0.5 credit  
This course introduces the scientific study of human and animal behavior and experience. History, methods, basic concepts and physiological components are studied. Major theories of perception, learning and personality are examined.

**Sociology - 44503**  
1 semester / 0.5 credit  
This course examines human group behavior in relation to society. The focus is placed on social theories, culture, social relationships, social groups, social inequalities and acts of deviance.
Advanced Placement Electives

All advanced-placement courses are designed to prepare students for the College Board AP exams administered in May of each year. Doing well on these tests can result in college credit.

Summer reading/work may be required for AP courses.

AP United States History - 4470
2 semesters / 1 credit
This course is intended for qualified high school students who wish to complete studies equivalent to an introductory college course in U.S. History.
10th graders are strongly encouraged to be in the top 20% of their freshman class; 11th and 12th graders should have a teacher recommendation and should have successfully completed C.P. U.S. History.

AP Micro/Macro Economics - 4345
2 semesters / 1 credit
AP Economics prepares students for the AP Microeconomics and AP Macroeconomics tests. Topics of study include supply and demand, forms of competition and the role of government in the economy.

AP Government and Politics - 4360
2 semesters / 1 credit
This course is designed to provide a better understanding of how people behave politically, how our political system is designed, how our political institutions work and how all of these facets of our political system interact to create public policy. Qualified students may opt to take this course to meet the Government requirement for graduation.

AP Psychology - 4445
2 semesters / 1 credit
This course is equivalent to a one-semester college course, but is taught over a full school year. Students will investigate the scientific study of the behavior and mental processes of human beings and other animals.

AP European History - 4465
2 semesters / 1 credit
This course is the equivalent to a college introductory course in Western Civilization. Beginning with the Renaissance, the curriculum moves chronologically to the present. In addition to providing a basic narrative of events and movements, the goals of this course are to develop an understanding of some of the principal themes in modern European history, an ability to analyze, and an ability to express historical understanding in writing.

AP Human Geography – 4545 – NEW Course
2 semesters / 1 credit
The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).
**Introduction to Engineering Design (IED)**

Z2249 East / Z2247 West  
2 semesters / 1 credit / Fee Required  
This Project Lead the Way course is the entry level for students considering a pathway to an engineering field. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer’s notebook, and communicate solutions to peers and members of the professional community. 2 college credits possible if student scores a stanine 6 or higher on the end of course assessment.

**Principles of Engineering (POE)**

Z2251 East / Z2252 West  
2 semesters / 1 credit / Fee Required  
This Project Lead the Way survey course exposes students to major concepts they’ll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. Students develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. 2 college credits possible if student scores a stanine 6 or higher on the end of course assessment.  
Prerequisite: Prefer that students have taken Introduction to Engineering Design (IED)

**Aerospace Engineering (AE) – Z74150**

2 semesters / 1 credit / Fee Required  
The Project Lead the Way course explores the evolution of flight, flight fundamentals, navigation and control, aerospace materials, propulsion, space travel, orbital mechanics, ergonomics, remotely operated systems and related careers. In addition the course presents alternative applications for aerospace engineering concepts. Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will analyze, design, and build aerospace systems. While implementing these designs, students will continually hone their interpersonal skills, creativity, and application of the design process. Students apply knowledge gained throughout the course in a final multi-media project to envision their future professional accomplishments.  
Prerequisites: Successful completion of Principles of Engineering (POE)
Digital Electronics (DE) – Z2255
2 semesters / 1 credit / Fee Required
From smart phone to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

Principles of Biomedical Sciences (PBS)
Z2248 East / Z2250 West
2 semesters / 1 credit / Fee Required
In this Project Lead the Way course students explore biology concepts through the study of human diseases. Students determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, medicine, and research processes.

Human Body Systems (HBS)
Z2253 East / Z2254 West
2 semesters / 1 credit / Fee Required
In this Project Lead the Way course students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration.
Prerequisite: Successful completion of Principles of the Biomedical Sciences (PBS)

Medical Interventions (MI) - 8760
2 semesters / 1 credit / Fee Required
Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a “How-To” manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body deign to fail. Through these scenarios, students are exposed to a range of inventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.
Prerequisite: Human Body Systems (HBS)

Biomedical Innovations (BI) - 8718
2 semesters / 1 credit / Fee Required
In this capstone course, students will apply their knowledge and skills to answer questions or solve problems related to biomedical science. Students will design innovative solutions for the health challenges of the 21st century as they work through open ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering and public health.
Prerequisite: Medical Interventions (MI)
The following programs are offered at Lakota High Schools and in partnership with Butler Tech. Students may have to travel from their home school to participate in their selected program. Program locations are included in the descriptions provided below.

**SPORTS MEDICINE/EXERCISE SCIENCE**
Housed at Lakota East, available to East and West Students.

The Exercise Science Tech Prep program is a three year program that requires its students to master a rigorous academic schedule, along with career-specific courses beginning in their 10th grade year. The courses are focused in emergency procedures, sports specific training, injury recognition/evaluation/prevention, exercise physiology, fitness training, sports exercise and psychology and nutrition/weight management.

Students learn techniques and cover topics from a variety of professional organizations. Employability skills are stressed so students will be able to perform professionally and articulate the principles of wellness to the public.

With the curriculum, students are immediately immersed in the program. By the completion of the program students will have had the opportunity to become First Aid/CPR Certified and become prepared to take an industry certification exam to become a Personal Trainer. In addition, students will design and implement exercise programs in our carefully designed, state-of-the-art exercise science lab. Research project examples include Exercise Program Design, Athletic Injury Assessment and Management, Emergency Action Planning and Professional Presentation.

To become eligible to be accepted into the Exercise Science and Sports medicine program housed at Lakota East, students will need to have successfully completed the course: Athletic Injury and Prevention during their 10th grade year. The junior year of the program consists of one year-long course and the senior year of the program consists of a two period dedication of time in the student’s schedule.

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**Athletic Injury and Prevention** (formerly Sports Medicine I) - ZSPT1
2 semesters / 1 credit / Fee Required
In this year-long course students will identify signs and symptoms of injury and apply emergency procedures and techniques used in the immediate care of athletic-related trauma. Students will learn clinical and field evaluative processes, injury prevention techniques, conditioning techniques, treatment, taping, bracing, and rehabilitation of musculoskeletal injuries and conditions. Students will design and implement conditioning programs, including nutritional considerations and ergogenic aids. Emphasis is placed on the synthesis of information gathered through injury history, observation, and manual muscle testing.

This course is designed to serve as the introductory course to the field of Exercise Science and Sports medicine. This course will serve as a prerequisite for students interested in continuing in the Exercise Science and Sports Medicine program.

**Students may be concurrently enrolled in Sports Exercise and Psychology.**
This course **DOES NOT** meet the health requirement for graduation.

**Sports Exercise and Psychology** (formerly Sports Medicine II) – ZSPT2
2 semesters / 1 credit / Fee Required
In this year-long, junior level course, students apply practical and theoretical information as it relates to psychology of sport. Students will analyze what an injured athlete goes through, in regards to, major psychological changes during injury and rehabilitation. Students examine the reciprocal relations among physical activity, exercise behavior, and biochemical and physiological adaptation. Topics include theories of behavior change, exercise psychology interventions, the relationship between athlete burn-out rate/injury predisposition and the general health care patients go through to recover quicker from injury with guided mental practice. Further, students will identify psychosocial determinants and effects associated with adopting and maintaining an exercise program and develop strategies for promoting optimal performance in athletes.

**Prerequisite: Athletic Injury and Prevention**
**Students may be concurrently enrolled in Athletic Injury and Prevention.**
This course **DOES NOT** meet the health requirement for graduation.
Exercise and Athletic Training - Z4160
2 semesters / 1 credit / Fee Required
In this year-long, senior level course, students will apply procedures and techniques used in athletic training and in the care and rehabilitation of athletic injuries and therapeutic exercise. Topics include injury prevention, conditioning, and wound care techniques of the musculoskeletal system. Students will learn techniques in the analysis of mechanical factors related to human movement. In addition, current trends, technology, legal considerations, and the role of exercise science in relationship to other health fields will be emphasized.
Prerequisite: students need to have taken Athletic Injury and Prevention, as well as Sports Exercise and Psychology. Students also must be concurrently enrolled in Fitness Evaluation and Assessment.

Fitness Evaluation and Assessment - Z3160
2 semesters / 1 credit / Fee Required
In this year-long, senior level course, students will complete comprehensive fitness evaluations and develop individualized training programs. Students will administer lab and field tests of cardiovascular endurance, body composition, joint flexibility and muscular strength, power, and endurance. Emphasis is placed on assessing body composition, neuromuscular flexibility, agility, balance, coordination, and proprioception. Additionally, students will identify components of physical fitness and communicate how physical activity impact health and wellness.
Prerequisite: Students need to have taken Athletic Injury and Prevention, as well as Sports Exercise and Psychology. Students also must be concurrently enrolled in Exercise and Athletic Training.

Information Technology Pathway

Introduction to Computer Science
1 semester / 0.5 credit / Fee Required
This Project Lead the Way course is designed to be the first computer science course for students who have never programmed before. Students create interactive stories; work in teams to create simple apps for mobile devices using App Inventor; and analyze data about students’ interest using functions in Excel. Students will also learn another language, Python, in which they learn introductory elements of text-based programming.

CAREER BASED INTERVENTION
Offered at both Lakota East and Lakota West

Career Based Intervention Program with Work Based Component – Z5075 / Z5076
2 semesters / 1.0 credit / Fee Required
The Career Based Intervention Program is a career-technical program designed for students in grades 7-12 who are eligible based on academic and/or economic need. The CBI Program is designed to help students improve academic competence, graduate from high school, develop employability skills, set goals and implement a career plan, and participate in a career pathway in preparing for postsecondary education and future careers. This program provides students with an opportunity to meet the academic needs for graduation while allowing for students to maintain appropriate employment within the business world. Students must meet the criteria set by the Butler Technology and Career Development Schools for both employment and academic eligibility.
The CBI Program will provide a combination of educational and service learning opportunities. All students are expected to participate in a Community Based Student Organization. This student club provides opportunities for local and state competitions as well as venues for service learning and community service.
Prerequisite: Acceptance into program by Butler Tech

Career Based Intervention Program/Career Connections (No work component) – Z5067
2 semesters / 1.0 credit / Fee Required
The Career Based Intervention Program/Career Connections is a career-technical program designed for students in grades 7-10 who are eligible based on academic and/or economic need. The CBIP/Career Connections Model is designed to:

- Increase transition success to the next grade level
- Provide earlier introduction to business ethics and employability concepts
- Increase organizational and study skills
- Provide smaller student/teacher ratios and
- Increase contact with parents and teachers

All students are expected to participate in a Community Based Student Organization. This student club provides opportunities for local and state competitions as well as venues for service learning and community service.
Prerequisite: Students must meet the criteria set by the Butler Technology and Career Development Schools for eligibility.
The following two year programs are offered to Lakota students in partnership with Butler Tech. These programs are located off-site – locations are noted. All programs require an application in the winter of the sophomore year.

Auto Collision College Tech Prep
The Collision Repair Technician career path is designed to provide students with knowledge and skills applicable to careers in automobile dealerships and independent collision repair shops. Experienced technicians can start their own businesses, work as adjusters for insurance companies or become factory representatives for industry suppliers. Job titles include Collision Repair Technician, Refinish Technician, Aircraft Structural Repair and Refinish Technician, Restoration Technician, Auto Damage Appraiser, Auto Claims Adjuster, Estimator, Examiner, Auto Glass Installer, Auto Repair and Maintenance, Auto Detailer Technician, Coating and Spraying Machine Operator, Welding and Metal Worker, Fabricator, Accessory Installer, Parts Specialist and Auto Part Sales.
Location: D. Russel Lee Career Technology Center

Auto Technology College Tech Prep
Because computers have made today's automobile engines highly complex, the role of the automotive technician has become highly technical. Auto Technology offers an opportunity for students to blend the basic concepts of engines, electric circuits, computer technology and customer relations into today's professional, highly trained, automotive technician.
Auto Technology College Tech Prep prepares future automotive technicians to continue their education at a two or four year college. Students may qualify to work with mentor in an automotive dealership.
Location: D. Russel Lee Career Technology Center

Carpentry College Tech Prep
Professional carpenters are skilled craft persons who are in high demand for the construction and repair of residential and commercial buildings.
Skills will be developed in carpentry procedures, layout work; footer and foundation walls; floor, wall, and roof framing; roofing; interior and exterior finishing; insulation; stair construction; and maintenance of related equipment.
Location: D. Russel Lee Career Technology Center

Commercial Arts College Tech Prep
(Visual Design and Imaging)
Build on your art skills in the Commercial Arts lab and get started on your future career in art. Create many real world art projects on professional equipment that will give your portfolio the advantage you need. Enhance your creativity and skills with studies in illustration, typography, logo design, digital photography and advertising/marketing.
Get started today on your future career in graphic design, illustration animation and fashion marketing. There will always be a demand for artist to design the visual language, so design your dreams in the Commercial Arts studio.
Location: D. Russel Lee Career Technology Center

Communication Broadcasting College Tech Prep
(Media Arts)
The field of Communications is exploding with opportunities! If you are interested in taking the first steps toward a rewarding, creative career, the Communications/Broadcasting program is for you. Learn to be a director, audio visual specialist, writer, talent, videographer, disk jockey, animator, advertising executive, digital video editor, producer and many other careers available in the communication industry.
Location: D. Russel Lee Career Technology Center

Construction Electricity College Tech Prep
Construction Electricity involves the layout, design, installation, servicing and maintenance of residential and commercial electrical wiring systems. Students learn the various electrical systems while progressing at their own pace.
Construction Electricity gives you the opportunity to acquire skills in – job safety, residential wiring, commercial wiring, blueprint reading, electrical maintenance, electrical troubleshooting, conduit bending and installation, cost estimating, motor control, National Electrical Code requirements and Auto-CAD.
Construction Electricity uses NCCER (National Center for Construction Education and Research) curriculum, which is a nationally recognized curriculum.
The construction industry always has a high demand for qualified electricians.
Individuals who qualify can gain experience by working in the field, with pay, while still in high school.
Location: D. Russel Lee Career Technology Center
**Cosmetology College Tech Prep**
Cosmetology is both a science and an art. Students provide personal care for patrons’ hair, skin, and/or nails to aid them in enhancing their appearance. Skills will be developed in scalp and hair care treatments, shaping and styling hair, permanent waving, hair pressing and hair relaxing, hair coloring, manicuring, pedicuring, facial treatments, reception duties, and salon operations.

Cosmetology is a state license program. Students are required to pass both lab and theory competencies according to Ohio State Board of Cosmetology standards. Students that have passed all competencies and required academics are then eligible and required to take the licensing exam.

**Location:** D. Russel Lee Career Technology Center

**Criminal Justice College Tech Prep**
The Criminal Justice program is designed to help prepare individuals to uphold the laws of the State of Ohio and the Constitution of the United States.

Students learn techniques of crowd control, arresting, fingerprinting, and other police procedures. Many students continue their education at a four year college before pursuing a career in law enforcement, probation or criminal investigation.

**Location:** D. Russel Lee Career Technology Center

**Culinary Arts College Tech Prep**
Express your creativity in the world of fine cuisine through the Culinary Arts program. Skills like menu planning and design, nutrition, food preparation and service, sanitation, safety, inventory control and calculation of food quantities, are topics that will be taught in this career driven program. Your education will be open doors to career options such as executive chef, baker, or restaurant owner.

Other opportunities in this field include: caterer, personal cook, food stylist, maître d’, garde manger, baker or pastry chef. Jobs are available in hotels, restaurants, country clubs and commercial bakeries.

Students enrolled in this program operate the practice restaurant, Café Lee, on the D. Russel Lee campus. Health and safety regulations require that a uniform be worn while in the culinary lab. A uniform consists of a standard chef’s coat, checkered chef’s pants, closed-toed shoes and a chef’s hat. Students will also purchase a professional knife kit.

Butler Tech participates in the Miami Valley Tech Prep Consortium. This means that any student who is enrolled in tech prep will receive credit hours at Sinclair College in Dayton. Tech prep students are also eligible for multiple scholarship opportunities.

Butler Tech Culinary Arts also participates in the national certification program called ProStart. This program is sponsored by the National Restaurant Association. Students who pass level one and level two of the national ProStart tests, will be eligible for national certification that recognizes skills as a chef. Through this program, scholarship money is available for students who are planning to continue their culinary training in college.

**Location:** D. Russel Lee Career Technology Center

**Early Childhood Education College Tech Prep**
The Early Childhood Education program is designed to give students an opportunity to learn about and work with children birth through elementary school. While working with children in our licensed child care center and area elementary schools, students utilize child development principles and curriculum development concepts to develop creative and innovative lesson plans.

Students who take this course receive state required in-service hours in First Aid, CPR, Communicable Disease recognition and Child Abuse detection.

Upon completion of this program, students will be qualified to work as infant, toddler or preschool teachers. Use the skills you acquire in this program to enter a two or four year Early Childhood Education post-secondary licensure program or own and operate a licensed early childhood education facility.

Students enrolled in the Early Childhood Education program are members of Family, Career, Community Leaders of America (FCCLA) and gain invaluable experience in leadership and public speaking skills.

**Location:** D. Russel Lee Career Technology Center

**Equine Science**
Begin an exciting career in the horse industry through the equine science program. Students learn equine breeding, genetics and nutrition while getting hands-on experiences in English and western horseback riding, grooming, and equine management.

The $25.3 billion horse industry offers numerous career paths including equine health care, horse breeding, trainers and judges, riding instructors, as well as occupations related to horse racing. Advanced education can lead to a career as a veterinarian. All students in the Equine Science program are members of the National FFA Organization, the Career Technical Student Organization. The student fees for this program are $20.00.

**Location:** Natural Science Center, Monroe
Firefighting Technology College Tech Prep
Join the ranks of our nation’s Firefighters and Emergency Medical Technicians through the Firefighting Technology program. Master firefighting skills through the 240 level 2 firefighting certification, as well as earning certification as an Emergency Medical Technician – Basic. Introduction to such advanced disciplines as hazardous materials response, vehicle extrication, rope rescue, and confined space rescue are provided as part of the exciting curriculum. Use your newly acquired skills to enter a Paramedic program, corporate emergency management, private or emergency ambulance operations, firefighting, fire safety inspection, or industrial safety management. Location: D. Russel Lee Career Technology Center

Health Technologies Academy College Tech Prep
The health technology program integrates academic and technical knowledge to prepare students to become competent health care providers in one of many careers available in today's health care arena. The health care/health core curriculum encompasses college level courses such as medical terminology, anatomy and physiology, allied health, as well as State of Ohio Health Technologies core subjects in the therapeutic, diagnostic and health information clusters, as well as medical office management. As part of the delivery of the curriculum the students participate in activities such as infection control, health safety, State Tested Nurse Aide Training, CPR and First Aid to list a few. During a two-year curriculum, students participate in clinical experiences, internship opportunities, and job shadowing at various community hospitals and health centers. All students in the Health Technologies Academy are members of Skills USA, the Career Technical Student Organization. The student fees for this program are $20.00. Location: D. Russel Lee Career Technology Center

Information Technology College Tech Prep
(Network Systems)
The Information Technology Tech Prep Academy offers “hands-on/real world” computer/networking training. A two year program at D. Russel Lee CTC with the opportunity to go on to a two/four-year post-secondary educational track with scholarship awards. This application-oriented program provides the student a chance to learn the following skills: application software, computer networking, the Internet, computer technology, telecommunications/electronics, game design / animation and modeling, operating systems, and interactive media. Students are given certification training for Comptia, Cisco, NACSE, Microsoft and LPI/RedHat. Voucher certification discounts are also made available. Butler Tech is committed to keeping the curriculum current and in pace with technology in order to meet the demands of the global economy. With the experiences gained, you could get that “dream” job through co-op on-the-job training that may help pay your way through college. College partners include Cincinnati State, Miami University Hamilton/Middletown, Sinclair Community, Southern State Community, University of Cincinnati, Wright State, University of Dayton, and Shawnee State. College Tech Prep Prerequisite: 11th Grade with an entrance GPA of at least a 2.0, Algebra I with a “C” or better, good attendance and on track with college prep curriculum and high school graduation requirements. Location: D. Russel Lee Career Technology Center

Options Academy – the Arts
Options Academy- the Arts is a career-technical program designed for high school students interested in a career in the arts or wishing to pursue higher education options in the arts. Art labs are offered in the Visual Arts and Performing Arts (including Music, Dance, and Theater). Students in the Visual Arts pathway build a portfolio of work in a variety of visual media while those in the Performing Arts pathway work toward final performances to demonstrate their mastery of skills and techniques. Students are provided opportunities to show what they have learned through frequent performances and exhibitions. Sophomores, juniors and seniors in high school are eligible to enroll in this program. Core academic courses required for graduation are completed through Butler Tech Online. Location: Options Academy – The Arts, Fitton Center for Creative Arts

Power Equipment Technology
This program provides students with the skills needed to succeed in a variety of equipment maintenance areas within the industrial, construction, and agricultural industries that are increasingly in demand. Students will learn lube service, preventative maintenance, engine theory, basic welding skills, drive systems, small gas and diesel engine repair/rebuilding. Location: D. Russel Lee Career Technology Center

Precision Machining College Tech Prep
As technology advances, the need for more sophisticated machinery becomes essential. As a qualified trainee, students will have the skills necessary to create this new equipment and repair older models. Skills will be developed in use of power saws, the use of drilling, grinding, and milling machines as well as lathes. Students will also learn to use computer numerical controlled (CNC) lathes and milling machines. Location: D. Russel Lee Career Technology Center
Veterinary Sciences
The Butler Tech Veterinary Science program is a great way to “jump start” your career in the Veterinary Field. This program, for juniors and seniors in High School, is designed to give insight into the Veterinary Field and a head start into a competitive college program.

Here are some skills you will learn in this two year program: Safety and Sanitation, Animal Restraining Techniques, Medical Terminology, Hospital Procedures, Laboratory Procedures, Parasitology, Office Management, Principles of Diseases and Animal Behavior. We learn about all animals, both small and large, to give you a well-rounded education so you can make the decision as to which career path is right for you.

All students in the Veterinary Sciences program are members of the National FFA Organization, the Career Technical Student Organization. The student fees for this program are $20.00.
Location: Natural Science Center, Monroe

Welding Technology
Welders are in demand in many areas of industry. You can prepare for a promising future with potential for advancement in related areas by learning welding. Learn the skill of oxy-fuel welding, shielded metal arc welding, thermal cutting, gas metal arc welding, gas tungsten arc welding, and flux core arc welding. There is a high demand for skilled welders in a variety of fields.
Location: D. Russel Lee Career Technology Center
Class offerings and registration information can be found by going online to www.lakotaonline.com/summerschool.

LOCATION:
- All summer school courses, including the OGT, will take place at Lakota Ridge Junior School.

DATES:
- **Original and Credit Recovery Courses:**
  - May 31st - July 8th (no classes on July 4th and July 5th)
  - These courses must be completed by July 8th to be eligible for credit.
  - The following courses will be offered for original credit: Health, Government, Economics, Financial Literacy, Sociology, and Psychology.
  - Required courses for the four content areas (English, Math, Social Studies, and Science) will be offered for credit recovery only (for students who have already taken the course and have NOT passed).
  - Students MUST attend a 2-hour session daily until the course is complete. Students register for ONE of the listed sessions (times below); session options do become limited as they are filled. Courses are online and can be accessed from home so that students may work ahead. Once the course is complete, students do NOT have to return to classes.
    - **Session A:** 7AM – 9AM; **Session B:** 9AM – 11AM; **Session C:** 11AM – 1PM
- **Physical Education Courses:**
  - The following courses will be offered:
    - **Fitness and Sports** – for all students who need their FIRST PE credit
    - **Team and Individual Sports** – for all students who need their SECOND PE credit
  - **Session 1:** May 31st – June 17th
    - An AM (7:00 am – 11:20 am) and PM (12:00 pm – 4:20 pm) session will be offered, pending sufficient enrollment.
  - **Session 2:** June 20th – July 8th (no classes on July 4th and July 5th)
    - An AM (7:00 am – 11:40 am) session will be offered, pending sufficient enrollment.
  - Students will NOT be permitted to split sessions (i.e. part morning session, part afternoon session or part June session, part July session).

REGISTRATION & COST:
- $200 for each course taken – Parents pay this fee through EZpay at the time of registration.
- Students will register for Original Credit, Credit Recovery, and PE courses through the EZpay system. Please see the website for directions regarding this process.
- **Registration starts March 1, 2016, and ends April 15, 2016. The deadline for ALL registration for Original Credit or for PE courses is April 15, 2016.**
- **Credit Recovery Students ONLY:** Students will register for ONE course they need for credit recovery. When they finish that course with a passing grade, they will then be able to add and pay for another course. Students will pay for and complete ONE course at a time in order to focus efforts on finishing courses for which they have paid. **After April 15th,** please see the website for directions for registration and payment.

OHIO GRADUATION TEST:
- The OGT will be proctored only for students who have previously failed one or more portions of the test during the regular school year.
- Students participating in the summer OGT will be required to participate in 10 hours of OGT preparation sessions. Sessions will be held from June 6th – 10th.
- Testing will take place June 13th – 17th.
- Cost: $40 (flat fee)

**Because of the compact and accelerated nature of the programs, students must be in attendance every day. Under extenuating circumstances, one absence will be excused for these courses. Although these absences may be excused, the student is still responsible for all make-up work/tests/etc. Summer gym absences will require that students make up the time missed. Students must participate in the entire course to receive credit toward graduation. Summer vacations and other appointments should not be scheduled during Summer School hours.**

Students are expected to follow all rules and policies as outlined in the Lakota student Code of Conduct.
### COURSE LISTINGS

#### ENGLISH

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#### MATH

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#### SCIENCE

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#### SOCIAL STUDIES

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#### FOREIGN LANGUAGE

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### LAKOTA – BUTLER TECH PROGRAMS

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### INFORMATION TECHNOLOGY PATHWAY

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When instructed, students or their parents may enter their course requests into Home Access Center (HAC). Please refer to your registration materials for deadlines.

**Student Course Requests**

During the specified timeframe, students will see a tab for Requests in the Classes page in HAC.

1. On the Requests tab, courses that have been recommended by current year teachers appear as blue hyperlinks below the Department.
2. To remove a recommended course or select additional courses, click the **Edit** button for the Department’s courses you want to request.

3. Click the **Request** box for the course(s) you want.
4. Click **Save**.

---

[Image of HAC interface with course requests]
Requesting an Alternate Course:

1. Click in the Request box next to the alternate course.
2. Use the dropdown list in the Alternate column to select Alternate to This Course.
3. Select the previously requested course to which this course would be an alternate.
4. Click Save.

Deleting a Request:

1. Click the Edit button for the Department of the course you want to delete.
2. Uncheck the appropriate course (at the top of the list).
3. Click Save.
Tracking progress toward graduation:

1. Click the + button for **Graduation Subject Area Requirements** at the bottom of the Requests page.

2. Required, completed, in-progress, and requested credits show.