

Lehigh Senior High School

Center of the Arts in the East
Zone

“Home of the Lightning”



Program of Studies
2009/2010

LEHIGH SENIOR HIGH SCHOOL
Center for the Arts in the East Zone
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Dear Parent or Guardian,

Lehigh Senior High is beginning the process of registering for classes pertaining to the 2009/2010 school year. Registration will be held March/April, 2009. Incoming 9th graders will register for classes in their own middle school facility.

Lehigh's faculty and staff members have designed effective ways to modify our programs to assist our student body in attaining their academic goals. Choosing classes carefully is very important as we hire teachers and order textbooks/supplies based on student course selections in the spring.

We are looking forward to another exciting year at Lehigh Senior High School. Thank you for your support and involvement in your son's/daughter's education.

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How to Use This Program of Studies

The Lee County High School Program of Studies has policies and procedures that are common to all Lee County high schools. In it are also listed descriptions of all classes that are available for general education students in Lee County. All courses will not be offered at all high schools; therefore, each high school will publish an addendum to this Lee County High School Program of Studies which will outline policies and procedures unique to that individual school, as well as classes offered at that school. Students should check the addendum first to see what classes are offered and then read the description in this book.

Academic Policies

Transfer of Credits

1. All evidence of work or credits earned at another school, community college or university offered for acceptance shall be based on an official transcript authenticated by the proper school authority.
2. Work or credits from non-accredited schools shall be validated as provided by Chapter V of Board Policies.
3. All transferring students must be certified in Minimum State Performance Standards and must pass the FCAT.

Standard Diploma

A standard diploma will be awarded when a student has successfully completed the graduation requirements as set forth in the Lee County School Board Pupil Progression Plan, has met the State Performance Standards, and has passed the FCAT.

Certificate of Completion

A Certificate of Completion shall be granted to students after a minimum of at least twelve years of education (excluding kindergarten), when a student has successfully completed the district requirements and credits for graduation but has failed to achieve the State Performance Standards, has a GPA less than 2.0, or has failed to pass both parts of the FCAT.

Retaking of Courses

Students who have a D or F grade, may retake a course for grade improvement. If a student retakes a course to better his grade, the higher grade will be used in figuring the GPA.

Special Diploma

A special diploma will be awarded when a student who qualifies for the district ESE program (excluding gifted classification) has successfully completed the graduation requirements as set forth in the Lee County Student Progression Plan and has met the state standards applicable for their exception.

Lee County Diploma

GED exit option required passing of FCAT, GED, and a rigorous academic schedule.

Student Day

Each pupil in grades 9-12 must be scheduled for every period of the day except under unusual circumstances as approved by the principal. If you would like information regarding the 18 credit option for graduation, please see a counselor in the Guidance Department.

***18 Credit Option information available upon request to 9th grade students.**

Additional Provisions

1. The equivalent of up to 4 credits earned in adult programs may be applied to graduation requirements for a day school program. The same standards for course content and performance that apply to the credits earned in the regularly assigned school apply to credits earned in adult or dual enrollment programs. The principal shall approve adult subjects taken for day school credit.
2. Full-time early admission allows the pupil to enter college following completion of grade eleven, substituting two semesters of college work or its equivalent for the last year of high school provided that State Minimum Performance Standards for Basic Skills have been met and FCAT has been passed. Early admission procedures shall be as provided in Chapter VI or Board Policies.
3. Dual enrollment provides advanced instruction for those pupils who demonstrate readiness to engage in post secondary academic work. Students may earn credit towards both a high school diploma and an associate or baccalaureate degree.
4. The Cooperative Diversified Education Program permits a pupil who has reached the age of sixteen, has completed grade ten, and has completed the courses required for graduation, to substitute 288 hours of supervised work experience for one credit up to a maximum of five credits.

Grade Point Average

1. A student must earn a cumulative grade point average of 2.0 on a 4.0 scale, or its equivalent, for required courses for graduation.
2. In order to be eligible to participate in interscholastic extracurricular student activities, a student must maintain a cumulative grade point average of 2.0 on a 4.0 scale or its equivalent. The student standards for participation in interscholastic extracurricular activities shall be applied after the completion of the first grading period of the 9th grade. Each student must meet such other requirements for participation as may be established by the school district.

FCAT

As part of the implementation of the Accountability Act, the Department of Education has developed State Performance Standards in reading, writing, and mathematics. Achievement of these state standards will be tested in grade 10. A passing grade in Math, Writing and Reading will be required before a high school diploma is issued.

Exceptional Student Education

The ESE department offers four different types of service delivery models. These include IA (Intensive Academics), Facilitative Model, and Life Skills, and IA to prepare students for job readiness. Instruction includes academics, social skills training, and career preparation. Students in the IA program graduate with a Special Diploma. The Facilitative Model is designed to assist students in General Education classes. Students complete coursework towards a Standard Diploma including a Learning Strategies class. Facilitators work to accommodate students in their academic courses.

The Life Skills class is made up of special need students in grades 9-12. Students learn many skills such as pre-vocational, cooking, housekeeping, and finance along with functional reading, writing, and math skills. On campus work experience is arranged for our younger students to gain hands-on vocational skills while the older students are placed within the community. We also take Community Based Instructional trips to generalize the classroom instruction.

The remaining program focuses on vocational training allowing students to become independent and self-sustaining citizens.

Homebound and Hospitalized Program

The Homebound and Hospitalized Program (HHP) has been established to provide instruction to the student who must be out of school for at least three weeks due to illness or convalescence, as certified by a licensed physician, psychiatrist, or clinical psychologist.

Lee Adolescent Mothers Program (LAMP)

LAMP is a three-fold program concerned with the student's academic, health, and social adjustment during her pregnancy and postpartum period. A special program in health and child care has been developed for every LAMP student. The LAMP school is located at 3650 Michigan Avenue, Fort Myers.

ESOL Program (Grades 9-12)

ESOL program is designed to provide assistance to students where the primary language spoken in the home is other than English. ESOL is the method of instruction used in this program.

- The purpose of this class is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature.
- Reading, writing, listening, viewing, speaking, listening and viewing competencies are integrated throughout students' learning experiences.
- Benchmarks for the Sunshine State Standards are repeated as needed in course sequences. As students progress from one course to the next, increases should occur in the complexity of materials and tasks and in the students' independence in the application of skills and strategies.
- Learning tasks and materials accommodate the individual needs of students.
- Technology is available for students to develop competencies in the language arts.

Florida Bright Futures

GENERAL ELIGIBILITY REQUIREMENTS

- Florida resident
- Florida High School standard diploma (or equivalent)
- Not guilty of a felony (or pled nolo contendere)
- Apply by April 1 before graduation
- Use scholarship within 3 years of graduation
May renew for up to 7 years
- Attend a Florida postsecondary institution
Enroll for a minimum of 12 credit hours per year
for up to 45 credit hours per year.

The Florida Bright Futures Scholarship establishes a lottery-funded scholarship for Florida high school graduates with high academic achievement who enroll in eligible Florida public or private colleges or universities. Students receive weighted credit for International Baccalaureate courses, academic dual enrollment courses, advanced placement courses, and other exceptionally rigorous courses.

There are three levels for which high school seniors may qualify. The scholarship may be used for either full-time or part-time enrollment and is renewable. Basic information and qualification requirements are outlined below:

FLORIDA ACADEMIC SCHOLARS AWARD (FASA) -

The FAS replaces the Florida Undergraduate Scholar's Fund (FUSF) Scholarship. Students graduating will qualify as Florida Academic Scholars under the Florida Bright Futures Scholarship by earning a seventh semester weighted, unrounded GPA of at least 3.5 (this GPA includes credits required by the State University System for admission, as either completed or as part of the student's eight semester enrollment) and the student must also have an ACT score of 28 (SAT score to be determined by 2005 legislature). Students earning this scholarship and attending a Florida PUBLIC technical center, community college or university will receive 100% of their tuition and fees and \$300 per semester for college-related expense. A student who attends an eligible Florida PRIVATE postsecondary institution will receive an award equal to the amount of the postsecondary institution at the comparable level and the college-related expense allocation as stated above. To be eligible for an Academic Scholars Award, 75 hours of community volunteer service is required.

FLORIDA MEDALLIAN SCHOLARS AWARD (FMSA) -

Students graduating will qualify for the Florida Merit Scholarship Program by earning a seventh semester weighted, unrounded GPA of at least a 3.0 (this GPA includes credits required by the State University System for admissions, as either completed or as part of the student's eight-semester enrollment) and the student must have an ACT of 20 (SAT score to be determined by 2008 legislature). Students who earn the Florida Medallion Scholars Award and attend a PUBLIC technical center, university will receive 75% of their tuition and fees, and 100% tuition at a community col-

lege. Students who attend a PRIVATE postsecondary institution will receive an award equal to the amount of the tuition and fees of a State post secondary institution at the comparable level (\$300/semester reimbursement for tuition/fees).

FLORIDA GOLD SEAL VOCATIONAL SCHOLARS

AWARD (FGSA) - Students graduating in 2000 or later will qualify as Florida Gold Seal Vocational Scholars by completing sequential program of studies that requires at least three vocational credits (on-the-job training excluded) during high school with a GPA of 3.5 in these vocational courses. The student must also earn a seventh semester weighted, unrounded GPA of at least 3.0 (this GPA includes the subjects required for high school graduation, excluding electives). The student must continue in a related educational program. The Gold Seal Vocational Scholar must pass the College Placement Test (Reading Comprehension 83, Sentence Skills 83, and Elementary Algebra 72) or equivalent scores on the SAT/ACT. Recipients are not required to take the SAT/ACT. The technical school, community college, or university will receive an award of 75% of their tuition and fees for two years. A student who attends an eligible Florida PRIVATE postsecondary institution will receive an award equal to the amount of the tuition and fees at a public postsecondary institution at the comparable level. ACT scores for English, Reading, and Math need to be 17, 18, 19, respectively (SAT score to be determined by 2008 legislature).

State University System Of Florida Minimum Admissions Requirements for Freshmen

The Florida Board of Regents has established minimum admissions requirements for all ten of Florida's public universities. However, each state university may establish higher or additional requirements beyond these state minimums. The state minimum requirements which apply to all Florida public universities are as follows:

HIGH SCHOOL GRADUATION. Graduation from an accredited high school or the equivalent (GED), etc. is required.

HIGH SCHOOL GRADEPOINT AVERAGE AND ADMISSIONS TEST. The high school grade point average (HSGPA) will be based on a 4.0 score recalculated by the university from grades earned in high school academic core courses. Additional weights are normally assigned to grades of B or better in Honors, Advanced Placement, International Baccalaureate, and other advanced courses.

HIGH SCHOOL COURSE DISTRIBUTION REQUIREMENTS. Students must complete 18 units of high school work distributed over an approved range of subject areas. High school guidance counselors have been supplied with lists of those high school courses which will be accepted by all of Florida's public universities.

**State University Course
Distribution Requirements**

- | | |
|--|---|
| a. Academic English | Core Courses
4 credits (3 with substantial writing) |
| Mathematics | 3 credits (Algebra I and above) |
| Natural Science | 3 credits (2 with substantial lab) |
| Social Science | 3 credits |
| Foreign Language | 2 credits (in the same language or proficiency in 2nd level course) |
| b. Approved electives | 4 credits (academic credits in addition to required credits) |
| c. Total academic credits required | 19 credits |
| d. 18 Credit Option (check with your Guidance Counselor) | |

**College Athletic Eligibility
*Criteria**

There are two major athletic associations in the United States that regulate who may participate in college sports: The National Collegiate Athletic Association (NCAA) and the National Association of Intercollegiate Athletics (NAIA).

NAIA Eligibility Regulations

A freshman must meet two of the following three entry requirements:

- Score 18 on the ACT; or 860 on the SAT.
- Overall grade point average of 2.0.
- Graduate in top half of high school graduating class.

NCAA Eligibility Regulations for students entering a collegiate institution on or after August 1, 1996.

To be considered a qualifier at a Division I institution and be eligible for financial aide, practice and competition during your first year, you must:

- Graduate from high school.
- Present a minimum combined test score on the SAT verbal and math sections or a minimum composite score on the ACT as indicated on the following index scale:

***Subject to the interpretation of the NAIA and NCAA**

CORE GPA	SAT-I	ACT
2.50 and above	820	68
2.375	870	72
2.25	920	77
2.125	960	81
2.0	1,010 and above	86 and above

3. Present a minimum grade-point average in at least 16 core courses in the following areas:

- Division I
- English—4 years
- Mathematics—3years (Algebra I or higher)
- Natural or Physical Science—2 years
- Additional courses in English, Mathematics, or Natural/Physical Science—1 year
- Four (4) Additional academic courses (in any of the above areas or Foreign Language, Computer Science, Philosophy or non-doctrinal religion courses)
- Social Science—2 years

Please note that student-athletes entering a Division I institution must present four years of English and the three-year requirement in Mathematics must be at the level of Algebra I or above.

To be a qualifier at a Division II institution, you must:

- Graduate from high school
- Present a minimum grade point average of 2.0 in at least 14 core courses in the same area noted above.
 - English—3 years
 - Math—2 years
 - Natural/Physical Science—2 years
- Two (2) years of additional English, Math, or Natural/Physical Science; two (2) years Social Science; three (3) years of additional courses from any of the above, foreign language or non doctrinal religion/philosophy.
- Present a minimum 820 combined score on the SAT verbal and math section or a minimum sum score on the ACT of 68.

See your guidance counselor for specific core course requirements.

LATE ENROLLMENT POLICY

Students entering the second full week after Labor Day, or later, and have not been in attendance at any other school, will lose credit for all classes, but will earn the grade for work accomplished while in class.

Students entering the first full week of February, or later, and have not been in attendance at any other school for second semester, will lose credit for all classes, but will earn the grade for work accomplished while in class.

An attendance contract will be developed during the student's senior year to regain lost credits.

Graduation Requirements for Students

Entering Lee County High Schools BEFORE 2007/2008

Credits needed for Graduation	24 total credits	Practical Arts/Career Education or Exploratory Career Education	One half (1/2) credit Any secondary course in the Vocational Section of the Course Code Directory may satisfy this requirement. One full credit may fulfill the Fine Arts requirement.
Language Arts	Four (4) credits 9th grade English (I) 10th grade English (II) 11th grade English (III) 12th grade English (IV) or their equivalents English courses must include major concentration in composition and literature.	Physical Education	One (1) credit One-half(1/2)credit in personal fitness One-half(1/2)credit P.E. Students enrolled prior to June 11, 1999 may satisfy the 1/2 personal fitness credit by participation in inter-scholastic sports for a full season and must substitute an elective one-half (1/2) credit.
Mathematics	Three (3) credits. Algebra I or its series equivalent or any higher level course for which Algebra I is a prerequisite, is required. Algebra I equivalent series: Algebra IA, IB or Applied Math I, II or Integrated Math I, II		Students enrolled prior to June 11, 1999 may satisfy the 1/2 P.D. credit by participation in approved activities or District independent study course. Students enrolled after June 11, 1999 who participate in two full inter-scholastic sports seasons at junior varsity/varsity and pass DOE content exam, may satisfy the full (1) credit and must substitute one elective credit
Science	Three (3) credits, Two (2) of the credits must include laboratory component.		
Social Studies	Three (3) credits, the state requires: one (1) credit in World History; one (1) credit in American History; one-half (1/2) credit in American Government; and one-half (1/2) credit in Economics.	Comprehensive Education/Substance Abuse/Life Management Skills	One-half (1/2) credit.
		Electives	Eight and one-half (8-1/2) credits.

Students are required to pass the Florida Comprehensive Assessment Test. A student must earn a cumulative grade point average of 2.0 on a 4.0 scale, or its equivalent, for required courses for graduation. (See Student Progression Plan for GPA requirements.)

HIGH SCHOOL PROGRAMS FOR STUDENTS ENTERING NINTH GRADE AFTER 2006/2007			
Subject Area	Graduation Requirements of Traditional 24-Credit Program	Graduation Requirements of Three-Year College Preparatory Program¹	Graduation Requirements of Three-Year Career Preparatory Program
English	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature
Mathematics	4 credits, one of which must be Algebra I or its equivalent (a minimum of three of the four mathematics credits required for high school graduation must be earned on the high school campus.)	4 credits at the Algebra I level or above, from the list of courses that qualify for state university admission	4 credits, one of which must be Algebra I or its equivalent ²
Science	3 credits in natural science, two of which must have a laboratory component	3 credits in natural science, two of which must have a laboratory component	3 credits in natural science, two of which must have a laboratory component
Social Studies	1 credit world history 1 credit American history .5 credit American government .5 credit economics	1 credit world history 1 credit American history .5 credit American government .5 credit economics	1 credit world history 1 credit American history .5 credit American government .5 credit economics
Foreign Language	Not required for high school graduation but required for state university system admission	2 credits in the same language or demonstrated proficiency in same second language	
Practical Arts/ Performing Fine Arts	1 credit performing fine arts	Not required	3 credits in a single vocational/career education program, or 3 credits in a single career/technical dual enrollment program, or 5 credits in vocational/career education courses (including 3 credits in one sequential career and technical education program)
Health/ Physical Education	Option 1: Students must take .5 credit in physical education and .5 credit in personal fitness. Option 2: Students must take one credit HOPE Core course. Option 3: Students must take one credit HOPE Physical Education Variation course.	Not required	Not required
Electives	8 credits	2 credits	1 credit
TOTAL	24 credits	18 credits	18 credits
State Assessment Requirements	Earn passing scores on the Grade 10 FCAT	Earn passing scores on the Grade 10 FCAT	Earn passing scores on the Grade 10 FCAT
Grade Point Average (GPA) Req.	Earn a cumulative GPA of 2.0 on a 4.0 scale	Earn a cumulative weighted GPA of 3.5 on a 4.0 scale in the courses required for the college preparatory program and earn a weighted or unweighted grade that earns at least 3.0 points or its equivalent in each of the 18 required credits	Earn a cumulative weighted GPA of 3.0 on a 4.0 scale in the courses required for the career preparatory program and earn at least 2.0 points or its equivalent in each of the 18 required credits
<p>¹All courses earned toward the college preparatory program must satisfy admission requirements for the state university system. Six of the 18 credits must be in classes that are honors, dual enrollment, advanced placement, International Baccalaureate, Advanced International Certificate of Education, or specifically listed as rigorous by the Department of Education.</p> <p>²See high school guidance counselor for Algebra I equivalents.</p> <p>³See high school guidance counselor for physical education electives.</p>			

Lehigh Senior High School Schedule Change and Correction Policy

Each student receives a curriculum guide and registration information booklet annually to aid the student in course selection. This allows ample opportunity to plan courses to meet individual needs. Student course requests are used to determine the number and type of teachers needed. Once teacher allocation decisions are made, it is difficult to make schedule changes.

Every effort will be made to schedule the courses requested by students. Once the schedule sheets are submitted, there should be no schedule changes except for scheduling errors.

Some examples of needed corrections are as follows:

- Students are scheduled for a course for which they have already received credit.
- Seniors need a required course for graduation.
- Students have a missing class period in their schedule.
- Students are currently enrolled in a course for which they have not met the prerequisite or it is out of sequence.

Some examples of situations that will **NOT** result in a schedule change are.

- A desire for another teacher.
- A desire for a different lunch period.
- Signed up for a course but does not need the credit.
- A new elective choice. (Elective courses will not be changed)
- Poor performance due to the student's failure to adequately prepare for the course requirements.

If a student is experiencing a problem in a course, the best solutions are the result of communication between the parent and the teacher. Students who struggle with the course content of those courses or any other course must complete the following steps prior to requesting a change:

- Parent, teacher, and student conference to discuss progress and identify a plan of action for student improvement.
- If the student has followed the plan of action and not improved after a trial period, the parent must contact the teacher to discuss other options. At this point, the guidance counselor should be involved.

All students need a stable classroom environment in order to be successful. Therefore, every attempt will be made to ensure that schedule changes do not create overcrowded classes or result in a teacher exceeding class load limits in the "No Child Left Behind" statutes.

Our goal is to ensure all our students are given opportunities to be successful. We encourage your family to spend some quality time carefully planning your high school Program of Study.

Courses at Lehigh Senior High School Center for the Arts

Fine and Performing Arts Center

Students will be selected by application into this academy each year. Talented students interested in music, visual and creative arts, photography, TV production, drama, or chorus may apply for admittance. The vision of this academy is to create an environment of enthusiasm and pride for the arts. Students will be skilled and knowledgeable and will take ownership of the academy equipment, rooms and general surroundings to maintain a clean and safe environment. Students will evidence hope for the future by setting goals that require high standards. They will work to build an art program worthy of recognition in the county—one to be respected, one to be seen, and one to ultimately be feared in competitions. *Center for the Arts

PERFORMING ARTS

*DANCE BALLET I

600 **1 Credit**
The purpose of this course is to acquire knowledge and skills in basic ballet techniques. Acquisition of technique should be stressed.
0300340

*BALLET II Prerequisite: Ballet I

600 **1 Credit**
The purpose of this course is to extend the acquisition of knowledge and the development of technique in ballet and to provide an opportunity for performance. Acquisition of technique and performance skills should be stressed.
0300350

*BALLET III Prerequisite: Ballet II

600 **1 Credit**
The purpose of this course is to extend the acquisition of knowledge and the development of technique in ballet and to provide an opportunity for performance. Acquisition of technique and performance skills should be stressed.
0300360

*BALLET IV Prerequisite: Ballet III

600 **1 Credit**
The purpose of this course is to extend, refine, and further develop technique in ballet. The content should include the following: the study of musical lab annotation, further development of skills with emphasis on choreography, advanced point technique, turns, leaps and grande adage.
0300370

*DANCE TECHNIQUES I

600 **1 Credit**
This course expands knowledge and skill in two or more styles of dance. It increases students' repertoire, including techniques/styles of jazz, modern, ballet, ethnic, and tap. It also includes familiarity with basic dance terminology and knowledge of basic choreography through movement sequences.
0300310

*DANCE TECHNIQUES II Prerequisite: Dance Techniques I

600 **1 Credit**
This course furthers the students' understanding and development of techniques of two or more dance styles. Included are dance terminology, knowledge of choreography, dance terminology and performance skills for the ensemble.

*DANCE TECHNIQUES III Prerequisite: Dance Techniques I & II

600 **1 Credit**
This course enhances knowledge and development of techniques of three or more dance styles. It includes choreography, dance terminology and performance skills for the ensemble.
0300330

*DANCE TECHNIQUES IV Prerequisite: Dance Techniques I,II,III

600 **1 Credit**
The purpose of this course is to enable students to further develop advanced knowledge and skills in various dance styles through acquisition and improvement of technique, choreographic process, aesthetic elements, performance quality, and expressive range. Emphasis shall be placed on staging techniques through independent work in solo and group choreography, culminating in a final performance project.
0300490

*DANCE CHOREOGRAPHY / PERFORMANCE I Grade 11

600 **1 Credit**
The purpose of this course is to enable students to develop knowledge of choreography and performance skills, and apply it to various dance genres, such as ballet, modern, jazz, ethnic, and tap. Course content will focus on choreographic principles, process, structures, and choreographic design.
0300380

<p style="text-align: center;">*DANCE REPERTORY I Grade 12</p> <p>600 1 Credit</p> <p>The purpose of this course is to enable students to develop basic knowledge and skills in performance of varied dance genres, such as ballet, modern, jazz, ethnic, and tap. Course content will include the history of major dance repertory, performance analysis, and solo/ensemble performance.</p> <p>0300400</p>	<p style="text-align: center;">*ACTING II</p> <p style="text-align: center;">Prerequisite: Acting I</p> <p>600 1 Credit</p> <p>This course is a continuation of Acting I and is intended to provide further skill development and performance opportunity in all dramatic forms, including stage and acting for television.</p> <p>0400380</p>
<p>*DANCE HISTORY/APPRECIATION I</p> <p>600 1 Credit</p> <p>The purpose of this course is to study dance history, its relationship to other disciplines, dance criticism, and the theory of movement. Students should acquire the knowledge and skills necessary to value the role of dance and its contribution to life.</p> <p>0300450</p>	<p style="text-align: center;">*THEATRE HISTORY-LITERATURE I</p> <p>800 1 Credit</p> <p>The purpose of this course is to provide an opportunity for career oriented students to study the historical elements and literature of theatre from antiquity to the Renaissance.</p> <p>0400350</p>
<p style="text-align: center;">DANCE AESTHETICS</p> <p>600 .5 Credit</p> <p>The purpose of this course is the exploration of the theory of dance in several major forms. Students should understand the theories of dance composition through physicality of the art, as well as the theory of craftsmanship resultant from emotion</p> <p>0300470</p>	<p style="text-align: center;">*THEATRE HISTORY-LITERATURE II</p> <p style="text-align: center;">Prerequisite: Theatre His-Lit I</p> <p>800 1 Credit</p> <p>The purpose of this course is to provide an opportunity for career oriented students to study the historical elements and literature of theatre from the 17th century to the present.</p> <p>0400360</p>
<p style="text-align: center;">DRAMA</p> <p style="text-align: center;">INTRODUCTION TO DRAMA</p> <p>600 1 Credit</p> <p>This course will include an overview of the history of the theatre. Literature of the theatre will be read and discussed. Students will be introduced to the fundamentals of theatre operations which include scenery construction, costuming, lighting and makeup. Students will also be introduced to the fundamentals of acting.</p> <p>0400300</p>	<p style="text-align: center;">STAGECRAFT I-IV</p> <p>800 1-4 Credits</p> <p>The purpose of this course is to give students the experience of technical theatre. The content includes scenery, construction, costuming, makeup, lighting, sound, set design, and properties.</p> <p>0400410-0400420</p>
<p style="text-align: center;">DRAMA I-IV</p> <p>600 1-4 Credits</p> <p>The purpose of this course is to enable students to develop fundamental skills in the multiple elements of theatre as a collaborative art.</p> <p>0400310-0400340</p>	<p style="text-align: center;">MUSIC</p> <p style="text-align: center;">*MUSICAL THEATRE I—IV</p> <p>600 1-4 Credit</p> <p>This course provides students with a survey of musical theatre skills, history, and appreciation. Students will work in ensemble and individual projects to increase abilities in movement, singing, and acting. The history and styles of musical theatre will be studied and the course will culminate in a performance demonstrating learning acquired during the course.</p> <p>1300400—1300422</p>
<p style="text-align: center;">*ACTING I</p> <p>600 1 Credit</p> <p>The purpose of this course is to introduce students to skills development and performance opportunity. Creative problem solving, critical thinking and oral interpretation skills are stressed within the curriculum.</p> <p>0400370</p>	<p style="text-align: center;">**MUSIC THEORY I</p> <p>890 1 Credit</p> <p>The purpose of this course is to teach students analysis and application of musical fundamentals as practiced in the various historical periods.</p> <p>1300310</p>
<p style="text-align: center;">*ACTING I</p> <p>600 1 Credit</p> <p>The purpose of this course is to introduce students to skills development and performance opportunity. Creative problem solving, critical thinking and oral interpretation skills are stressed within the curriculum.</p> <p>0400370</p>	<p style="text-align: center;">*MUSIC THEORY II</p> <p>890 1 Credit</p> <p>The purpose of this course is to teach students analysis and application of musical fundamentals as practiced in the various historical periods.</p> <p>1300320</p>

**BAND
CONCERT BAND I—IV**

600 **1-4 Credits**
The purpose of this course is to enable students to develop basic/intermediate level technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in the interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. This course is open to all Lehigh students.

1302300-1302330

KEYBOARDING I-II

600 **1-2 Credits**
The purpose of this course is to enable students to develop basic keyboard skills, including interpretation of notation and performance in varied styles.

1301360-1301370

EURHYTHMICS I—V

600 **1-5 Credits**
The purpose of these courses is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance.

1305300-1305480

ORCHESTRA 1-IV

600 **1-4 Credits**
This course consists of an orchestra comprised of music minors and members of the general student population. This ensemble enables students to develop basic technical skills on string instruments through the refinement and performance of intermediate high school orchestra literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening.

1302360-1302390

INSTRUMENTAL ENSEMBLE I & II

600 **1-2 Credits**
The purpose of this course is to enable students to develop basic performance skills on a selected instrument in an ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis, and aesthetic response are emphasized.

1302460-1302470

JAZZ ENSEMBLE I-IV

600 **1-4 Credits**
The purpose of this course is to enable students to develop basic/intermediate level proficient/advanced skills in jazz performance knowledge of styles and performance techniques of varied jazz and contemporary literature.

1302500-1302530

CONCERT CHOIR I-IV

890 **1-4 Credits**
Concert Choir is a mixed choir that is open to all students at Lehigh Senior High. This choir will sing a wide variety of musical styles. Concert Choir will participate in three concerts during the school year. This course is open to all Lehigh students.

1303300-1303330

VOCAL TECHNIQUES I & II

890 **1-2 Credit**
Vocal Techniques classes give the vocal major and minor the opportunity to develop their voice through solo and small ensemble literature. This class time also allows for a more in depth study of music theory and sight reading. All students in vocal tech will be assigned a major project each quarter.

1303400-130410

**VISUAL ARTS
DRAWING I**

800 **.5 Credit**
The purpose of this course is to enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques.

0104340

**DRAWING II
Prerequisite: Drawing I**

600 **1 Credit**
The purpose of this course is to enable students to develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques.

0104350

**DRAWING III
Prerequisite: Drawing I,II**

600 **1 Credit**
The purpose of this course is to enable students to develop advanced perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques.

0104360

<p style="text-align: center;">PAINTING I</p> <p>600 .5 Credit This course is designed to teach the student the basic fundamentals of drawing and composition. The student is exposed to a variety of drawing and painting media and learns techniques peculiar to the various media. The student will develop his/her ability to see and learn techniques to visually communicate what he/she sees to others through the drawing and painting media. 0104370</p>	<p style="text-align: center;">3-D ART</p> <p>600 1 Credit This course will provide advanced students with the opportunity to develop quality, concentration, discipline, and breadth in 3-D. Recommended for serious junior and senior art students. 0101330</p>
<p style="text-align: center;">PAINTING II</p> <p style="text-align: center;">Prerequisite: Painting I</p> <p>600 1 Credit The purpose of this course is to provide experience and skill development in design, composition, techniques and media. Emphasis will be on life-drawing. 0104380</p>	<p style="text-align: center;">CERAMICS I</p> <p>600 .5 Credit This course is designed to assist students in learning to use the three basic forming methods of clay; pinch, coil and slab. They will gain confidence in using clay by creating both functional and purely aesthetic works of art. 0102300</p>
<p style="text-align: center;">PAINTING III</p> <p style="text-align: center;">Prerequisite: Painting I,II</p> <p>600 1 Credit The purpose of this course is to enable students to develop advanced perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of painting media, processes, and techniques. 0104390</p>	<p style="text-align: center;">CERAMICS II</p> <p>600 1 Credit Prerequisite: Ceramics I This course will expand upon the students' vocabulary as well as their technical skills in both hand building and the pottery wheel. Students will be expected to experiment with tools such as texture and glaze to express their own ideas in clay. 0102310</p>
<p style="text-align: center;">CREATIVE PHOTOGRAPHY I</p> <p>600 .5 Credit The purpose of this course is to give students a basic understanding of photographic imagery through the study of black and white photography, and the study of basic photographic production techniques. 0108310</p>	<p style="text-align: center;">CERAMICS III</p> <p>600 1 Credit Prerequisite: Ceramics I—II Students will be expected to express their own ideas in clay. 0102320</p>
<p style="text-align: center;">CREATIVE PHOTOGRAPHY II</p> <p style="text-align: center;">Prerequisite: Creative Photography I</p> <p>600 1 Credit This course focuses on providing students with an in-depth understanding of photographic imagery. The students will also work with Photoshop to enhance their original photographs. 0108320</p>	<p style="text-align: center;">AP STUDIO ART</p> <p>600 1 Credit This advanced placement course is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. It is for the advanced student who wishes to seek AP credit through submitting a Portfolio of work for consideration by the College Board. 0109350</p>
<p style="text-align: center;">CREATIVE PHOTOGRAPHY III</p> <p style="text-align: center;">Prerequisite: Creative Photography I,II</p> <p>600 1 Credit The purpose of this course is to give students an understanding of photography which will include experiences with photographic processes, compositional skills, perception, etc. 0108330</p>	<p style="text-align: center;">Art/2-D and 3-D Comprehensive</p> <p>600 1 Credit The purpose of this course is to enable students to communicate ideas and concepts through two and three dimensional design and composition, and develop appreciation of exemplars in varied cultures and historical periods. 0101360</p>
	<p style="text-align: center;">Computer Graphics</p> <p>600 .5 Credit The purpose of this course is to enable students to develop basic knowledge of computer graphic systems and to produce computer-generated images by applying the elements of art and principles of design. 0103300</p>

MULTI-MEDIA PRODUCTION TV PRODUCTION I

600 **1 Credit**
This course offers basic skills in camera, audio, lighting and video editing operations. Other aspects of the curriculum include television history and production organization skills.
8772110

TV PRODUCTION II

600 **1 Credit**
Students expand their knowledge of television production while building communication, leadership, and team skills. Increasingly involved productions, created both in groups and individually, incorporate an expanded range of media production equipment.
8772120

TV PRODUCTION III

600 **1 Credit**
The purpose of this course is to develop advanced skills in television production and to synthesize these skills in planning, directing, and producing television programs
8772130

TV PRODUCTION IV

600 **1 Credit**
The purpose of this course is to gain independence in planning, writing, producing, supervising, and performing in television production.
8772140

Business Technology/Education

All business technology education courses will satisfy the Practical Arts requirement.

COMPUTING FOR COLLEGE AND CAREERS Grades 9-12

700 **1 Credit**
Instruction is designed to enable students to demonstrate minimum proficiency in correct keyboard techniques, to use the computer and other selected keyboard equipment as practical tools in every day living situations, and to perform selected generic skills used in general business procedures.
8209020

DIGITAL DESIGN I –IV Grades 10-12

700 **1-4 Credit**
Prerequisite: Computers for College and Careers
This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; decision-making activities; and digital imaging.
8209510 -8209540

Diversified Occupations Education ON -THE -JOB TRAINING Grades 11 – 12

700
OJT Job Training provides placement based on the student's occupational objective, the development and evaluation of the student's occupational skills, and employment correlated with related classroom instruction. Students must provide their own transportation to and from work. The student must be enrolled in one of the vocational classes or have completed a vocational program as well as have a job.
***Students must complete an application.**
8300410

Driver Education DRIVER EDUCATION CLASS Grades 10 – 12

840 **1/2 Credit**
Prerequisite: A Florida restricted driver's license may be required by the teacher on the first day of class. Student MUST be 15 years old and a social security number will be required.

This course includes classroom instruction, and behind-the-wheel instruction, plus observation time. The course stresses knowledge of traffic laws, signs and safe driving practices.
1900310

English/Language Arts

ENGLISH I Grade 9 (Required)

1001310 **Reading Level 1-3**
101 **1 Credit**

The emphasis in this course will be on literary genres and skills: reading, writing, grammar, usage, vocabulary. Teachers select literature that is engaging for students. The suggested selections cover a broad range of cultural experiences and also classic genres such as the epic and Shakespearean drama. Thematic and skills development connections among the core disciplines of math, science and language arts are sought and encouraged in preparing lessons. Lessons also include numerous opportunities for practice in FCAT Reading and Writing skills. In addition, students will begin to attain mastery in the essential skills required of each student graduating from Lehigh Senior High School. These are posted in each room. Organizational skills such as time management and responsibility for timely completion of work are especially stressed. Each student is expected to keep and maintain a day-timer calendar which is provided by the school. Students begin their career portfolios this year by exploring professions and community service through field trips scheduled as part of language arts classes.

ENGLISH I HONORS Grade 9 (Weighted Credit)

1001320 **Reading Level 1-3**
101 **1 Credit**

Recommendation: Summer Reading—2 books

The course requirements for this course are consistent with English I with additional requirements to provide for in-depth or enriched study and with high expectation for the quality of student work and student thinking as evidenced in class participation and in writing. Because classes are not tracked at the Freshman level, but composed of on level, honors and inclusion students, students who choose to take this class for weighted honors credit may sign a contract, review rubrics and/or fill out a capacity matrix to clarify and to meet expectations for honors work.

***Teacher recommendation is required.**

work, and discovering career options from practicing professional and vocational speakers.

ENGLISH II Grade 10 (Required)

1001340 **Reading Level 1-3**
102 **1 Credit**

Prerequisite: Summer Reading list and English I

This course continues a strong emphasis on reading, writing and other essential skills. The literary thrust is world literature with selections reflecting both modern and classical works of a broad multi-cultural range. Students engage in a variety of assessments including oral presentations, technology generated projects, self-evaluations and peer reviews

which require the use of upper level critical thinking skills such as analysis, synthesis, and evaluation. Review and preparation for the FCAT and Florida Writing assessment tests are an important part of this course. Students add to their career portfolios by revising the resumes first generated at the Freshman level, participating in community service work, and discovering career options from practicing professional and vocational speakers.

ENGLISH II HONORS Grade 10 (Weighted Credit)

1001350 **Reading Level 3-5**
102 **1 Credit**

Prerequisite: Summer Reading list and English I

The course requirements for this course are consistent with English II with additional requirements to provide for in-depth or enriched study and with high expectations for the quality of student work and student thinking as evidenced in class participation and in writing. Because classes are not tracked at the Sophomore level, but composed of on-level, honors and inclusion students, students who choose to take this class for weighted honors credit may sign a contract, review rubrics and/or fill out a capacity matrix to clarify and to meet expectations for honors work.

***Teacher recommendation is required.**

ENGLISH III Grade 11 (Required)

1001370 **Reading Level 1-3**
103 **1 Credit**

Prerequisite: Summer Reading list and English II

This course continues to build on the skills gained in English I and II. The literary emphasis is on American Literature beginning with Colonial and Native American selections and ending with contemporary works. Students engage in a variety of activities including oral presentations, technology generated projects, research, self-evaluations, and peer reviews. The career portfolio is revised and supplemented at this level with career shadowing opportunities, a career research project, and ASFAB testing.

ENGLISH III HONORS Grade 11 (Weighted Credit)

1001380 **Reading Level 3-5**
103 **1 Credit**

Prerequisite: Summer Reading list and English II

The course requirements for this course are consistent with English III with additional requirements to provide for in-depth or enriched study and with high expectations for the quality of student work and student thinking as evidenced in class participation in writing.

ENGLISH IV
Grade 12 (Required)

1001400 **Reading Level 1-3**
104 **1 Credit**

Prerequisite: Summer Reading list and English III
English IV reviews, reinforces and polishes all previous course work in language arts with a rigorous program in reading and writing in a variety of genres. Students are expected to engage in a variety of activities including producing scenes from a Shakespearean play, and viewing and analyzing aspects of film and other media. Group and class discussions are also an important part of this process. Use of “Get a Clue”, a strategy for improving reading through enriched vocabulary, is a regular component of the course. For successful completion, the career portfolio-appropriately updated and supplemented-and a portfolio demonstrating competence in “Reading and Understanding” and “Creating and Presenting Literature” must be presented for committee review at the end of the course.

ENGLISH IV HONORS
Grade 12 (Weighted Credit)

1001410 **Reading Level 3-5**
104 **1 Credit**

Prerequisite: Summer Reading list and English III
The course requirements for this course are consistent with English IV with additional requirements to provide for in-depth or enriched study and with high expectations for the quality of student work and student thinking as evidenced in class participation and in writing.

***Teacher recommendation is required.**

AP Language/Composition
Grade 11 (Weighted Credit)

1001420 **Reading Level 3-5**
104 **1 Credit**

The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones.

***Teacher recommendation is required.**

AP Literature/Composition
Grade 12 (Weighted Credit)

1001430 **Reading Level 3-5**
104 **1 Credit**

The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire and understanding of the resources of the language and of the writer’s craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as a shared experience.

***Teacher recommendation is required.**

Foreign Language

Any two sequential courses in grades 9-12, in the same language, except the courses designated as conversational are required for an Academic Scholar’s Certificate. It is strongly recommended that two consecutive years be taken in the language. Third and fourth years of foreign language will be offered subject to sufficient numbers of students enrolling in these courses.

SPANISH I
Grades 9—12

0708340 **1 Credit**
850

In Spanish I students will learn to speak, read, and write basic Spanish. They will begin to converse in the language. They will learn about the people and culture of the Spanish speaking countries.

SPANISH II
Grades 9—12

0708350 **1 Credit**
850

Prerequisite: Spanish I—Grade of C or higher
Students will increase their ability to speak. They start to understand stories, films, and conversations. Grammar skills will improve. Students will begin to write short Spanish paragraphs.

SPANISH III
Grades 10—12 (Weighted Credit)

0708360 **1 Credit**
850

Prerequisite: Spanish II
This course offers the serious student the opportunity to continue the internalization of Spanish. With this extended study, the student will speak and write only in Spanish for a variety of purposes and explore famous Spanish writers and their literature. Participation in the local foreign language conference is mandatory.

SPANISH IV
Grades 11—12 (Weighted Credit)

0708370 **1 Credit**
850

Prerequisite: Spanish III
Emphasis is placed on literature, but a review of grammar is included. Students will be introduced to classical literature.

AP Spanish
Grades 11—12 (Weighted Credit)

0708400

850

1 Credit

Prerequisite: Spanish III

The purpose of this course is to develop oral and written fluency in Spanish. The student will comprehend formal and informal spoken Spanish. They will possess vocabulary and structure that allows accurate reading of newspapers, magazines and modern Spanish and Hispanic-American literature.

FRENCH I
Grades 9—12

0701320

850

1 Credit

The purpose of this course is to enable students to begin to acquire proficiency in French through a linguistic, communicative, and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

***Teacher recommendation is required.**

FRENCH II
Grades 10—12

0701330

850

1 Credit

Prerequisite: French I

The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

FRENCH III
Grades 11—12

0701340

850

1 Credit

Prerequisite: French I and II

The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

**LEADERSHIP EDUCATION AND
TRAINING (LET) I-VIII**

“Lightning Battalion”

Grades 9—12 (14 years of age or older)

1801300-18013300 17003400-17003500

18033000-18033100

800

1-4Credits

The JROTC Program prepares students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. There is no requirement to serve in the military as a result of enrollment. However, should students desire to enter the Armed Forces they can do so at an increase rank and pay level or they may qualify for a Senior ROTC scholarship at a college of their choice. Instruction includes: first aid, map reading, citizenship, leadership, drill and ceremonies, physical fitness, communications, technology, history, career opportunities, management techniques, community opportunities, community and school support projects, and adventure training. The program also offers opportunities to earn a Varsity Letter by participation in JROTC extra-curricular activities, which include: color guard, drill team, honor guard, rifle team and raider team. All Lightning Battalion JROTC teams are highly competitive at the county and state level. “Upon completion of the Army JROTC Leadership Education and Training courses I and II (1801300 and 1801310) students may waive, on a curriculum equivalency basis to satisfy the Life Management Skill requirement needed for graduation.” Page 14 of the 2002-03 Course Code Directory.

**JUNIOR RESERVE OFFICERS
TRAINING CORPS (JROTC)**

“Lightning Battalion”

**Advanced Leadership Education & Military Drill
Course**

18004000

1 Credit

This course prepares selected individuals that have successfully completed JROTC LET Level II through VII with high honors and are currently enrolled in JROTC in LET III or above, for positions of increased leadership responsibility. Candidates must be a second year member of the JROTC Raider Team, Drill, Team, Color Guard and/or Honor Guard. Cadets must maintain a 2.0 GPA in all subjects and a 3.0 or higher GPA in JROTC. Enrollment in this course is based upon a JROTC Instructor’s recommendation. Instruction uses advanced leadership instruction, team-building techniques, communications, physical fitness and high performance drill and ceremonies.

**Math
AIG IA
Grades 10—12**

**1200370
221**

**Math Level 1
1 Credit**

This course strengthens basic computational skills and develops problem solving skills. Content includes operations on whole numbers, decimals, percents, fractions, and integers; geometric concepts in one, two, and three dimensions; graphs; basic measures of central tendency; and linear equations.

**AIG IB
Grades 10—12**

**1200380
221**

**Math Level 2
1 Credit**

This course strengthens mathematic skills necessary for advanced training in post secondary programs. The emphasis is on the ability of students to understand and apply functional mathematics to solve problems in the world of work. Content includes the use of formulas, linear and non-linear equations, graphs, properties of lines, angles, and triangles to solve problems; statistical methods and probability; multiplying and factoring polynomials; solving and graphing inequalities; and solving systems of linear equations.

**ALGEBRA I
Grades 9—12**

**1200310
221**

**Math Level 3
1 Credit**

This course is designed to provide the foundation for more advanced mathematics courses and to develop the skills needed to solve mathematical problems.

**ALGEBRA II
Grades 9—12**

**1200330
221**

**Math Level 5
1 Credit**

Prerequisite: Algebra I

This course is a comprehensive study of intermediate algebra. It is a course designed to continue the study of the structure of algebra.

**ALGEBRA II HONORS
Grades 10—12 (Weighted Credit)**

**1200340
221**

1 Credit

Prerequisite: Algebra I Honors or teacher recommendation.

This course is an in-depth study of the topics of algebra with emphasis on theory, proof, the development of formulas, and their application.

**GEOMETRY
Grades 10—12**

**1206310
221**

1 Credit

This course is designed to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. Content includes geometric constructions, terminology and fundamental properties of geometry, deductive and inductive reasoning, formulas pertaining to the measurement of plane and solid figures and exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity.

**GEOMETRY HONORS
Grades 10—12**

**1206320
221**

1 Credit

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems.

**INFORMAL GEOMETRY
Grades 11—12**

**1206300
221**

1 Credit

This course is designed to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems.

**LIBERAL ARTS MATHEMATICS
Grades 11-12**

**1208300
221**

1 Credit

The purpose of this course is to enable students to strengthen algebraic and geometric concepts and skills necessary for further study of mathematics.

**MATH FOR COLLEGE READINESS
Grades 11-12**

**1200700
221**

1 Credit

This course is intended to prepare students for college level algebra courses needed to meet State requirements for math competencies. This course should adequately prepare the student for MAC 1105 and provide a strong algebra foundations for higher level math.

PRE-CALCULUS
Grades 11—12 (Weighted Credit)

1202340
221 **1 Credit**

Prerequisite: Algebra II Honors/Geometry Honors
 This course emphasizes the study of functions and other skills necessary for the study of calculus. Content includes polynomial, rational, exponential, inverse, logarithmic, and circular functions; sequences; series; theory of limits; vectors; conic sections; polar coordinates; symbolic logic; mathematical induction; and matrix algebra.

ADVANCED PLACEMENT CALCULUS
AB

Grades 11—12 (Weighted Credit)

1202310
221 **1 Credit**

Prerequisite: Pre-calculus with a minimum grade of "B" or teacher recommendation.
 This course is designed to offer students college level mathematics under the guidelines of the Advanced Placement Program.

ADVANCED PLACEMENT CALCULUS
BC

Grades 11—12 (Weighted Credit)

1202320
221 **1 Credit**

Prerequisite: Advanced Placement
 This course offers students college-level mathematics under the guidelines of the Advanced Placement Program.

MATH PROGRESSION

General Graduation	Community College	College/Honors	College/Honors	Dual Enrollment/AP
Algebra IA	Algebra IA	Algebra I	Geometry Honors	Algebra II Honors
Algebra IB	Algebra IB	Geometry	Algebra II Honors	Pre-Calculus
Inf. Geometry	Geometry	Algebra II	Pre-Calculus	College Alg/Pre Calculus
Liberal Arts Math	Algebra II	Math for College Readiness	AP Calculus	College Calculus I & II

ADVANCED PLACEMENT
STATISTICS

Grades 11—12 (Weighted Credit)

1210320
221 **1 Credit**

This course offers upper level mathematics study to students who have completed Advanced Placement Calculus.

DUAL ENROLLMENT MATH/ENGLISH
Grades 10—12 (Weighted Credit)

See Course Selection Sheet for specific dual enrollment courses being offered during the coming school year. Criteria for dual enrollment must be met by students taking these courses.

Physical Education

WEIGHT TRAINING I, II, III
Grades 9-12

1501340-1501360
560 **1/2—1-1/2 Credits**

These courses provide students with opportunities to acquire and extend knowledge and skills in weight training that may be used in physical fitness pursuits today, as well as in later life and improve muscular strength and muscular endurance, and enhance body image.

TEAM SPORTS I, II
Grades 9-12

1503350-1503360
502 **1/2—1 Credit**

These courses provide opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports and maintain and improve personal fitness.

HOPE—Physical Education Variation
Grades 9-10

30260100 **1 Credit**

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health/fitness.

SCIENCE BIOLOGY I

Grade 9

2000310
301

1 Credit

A survey course designed to develop an understanding and appreciation of living organisms. Inquiry, observation, field study and experimentation provide a specific view of our world. Contents include: cell structure and function, biochemistry, genetics, taxonomy, human systems, plants and animals.

BIOLOGY HONORS

Grade 9 (Weighted Credit)

2000320
301

Reading Level 3

1 Credit

For the talented student, Advanced Biology is an accelerated college preparatory course designed to develop an appreciative scientific attitude toward the interrelationship of living organisms. Inquiry, observation, field study, and experimentation provide students a scientific view of their world. Contents include the study of the scientific process, cellular and molecular biology, genetics and development, comparative anatomy, and human systems.

ADVANCED PLACEMENT BIOLOGY

Grades 11-12

2000340
301

1 Credit

The purpose of this course is to provide a study of the facts, principles, and processes of biology and the collection, interpretation, and formulation of hypotheses from available data.

ENVIRONMENTAL SCIENCE

Grades 11-12

2001340
301

1 Credit

The purpose of this course is to enable students to develop knowledge of the ways that humans interact with the natural environment.

CHEMISTRY I HONORS

Grades 11-12 (Weighted Credit)

2003350
302

Reading Level 3

1 Credit

Prerequisite: Algebra I

Emphasis is on developing the ability to think and to use available facts in the analysis of laboratory investigations. This course prepares students for college work in both biological and physical sciences. Science fair project required.

AP PHYSICS B Grade 12 (Weighted Credit)

2003420
302

Reading Level 3-5

1 Credit

Pre or Co-requisite: Algebra II, Pre-calculus

The purpose of this course is to provide a systematic introduction to the main principles of classical and modern physics and emphasize the development of problem-solving ability.

AP PHYSICS C Grade 12 (Weighted Credit)

2003420
302

Reading Level 3-5

1 Credit

Pre or Co-requisite: Algebra II, Pre-calculus

The purpose of this course is to provide study in mechanics, classical electricity, and magnetism. An integral part of this course is the use of scientific method, measurement, laboratory apparatus, and safety procedures.

ANATOMY AND PHYSIOLOGY

Grades 11-12

2000350
301

1 Credit

The purpose of this course is to enable students to develop understanding of the relationships between the structures and functions of the human body.

INTEGRATED SCIENCE I

Grade 10

2002400
301

1 Credit

The purpose of this course is to provide opportunities to investigate the theories and ideas associated with the biological, earth, and physical sciences in a way that is relevant and usable. Students construct science knowledge by formulating questions, making predictions, planning experiments, making observations, classifying, interpreting and analyzing data, drawing conclusions, and communicating.

INTEGRATED SCIENCE HONORS

Grade 10

2002410
301

1 Credit

The purpose of this course is to provide opportunities to investigate the theories and ideas associated with the biological, earth, and physical sciences in a way that is relevant and usable. Students construct science knowledge by formulating questions, making predictions, planning experiments, making observations, classifying, interpreting and analyzing data, drawing conclusions, and communicating.

SCIENCE PROGRESSION

General Graduation	Community College	College/ Honors	Dual Enrollment/ AP
Biology	Biology	Biology Honors	Biology Honors
Integrated Science	Integrated Science	Integrated Science Honors	Integrated Science Honors
Environmental Science	Environmental Science	AP Physics B Or Chemistry Honors	AP Biology Or AP Physics B Or AP Physics C
	Chemistry Honors	AP Biology Or AP Physics C	AP Biology Or AP Physics B Or AP Physics C

SOCIAL STUDIES

WORLD HISTORY

Grade 10

2109310 Reading Level 1-3
406 1 Credit

This course extends the application of core concepts by requiring students to apply problem solving and critical thinking skills to examine industrialization, nationalism, imperialism, and power struggles which led to international, social, cultural, political and economic developments since 1848. **Note: This course is required for 10th grade students.**

WORLD HISTORY HONORS

Grade 10 (Weighted Credit)

2109320 Reading Level 4-5
406 1 Credit

This course extends the application of core concepts by requiring students to apply problem solving and critical thinking skills to examine industrialization, nationalism, imperialism, and power struggles which led to international, social,

cultural, political and economic developments since 1848. **Note: CREDIT IN THIS COURSE PRECLUDES CREDIT IN WORLD HISTORY.**

AMERICAN HISTORY

Grade 11

2100310 Reading Level 1-3
401 1 Credit

Prerequisite: World History

This course analyzes the development of the United States since 1890. Students apply problem solving and critical thinking skills to examine social, cultural, scientific, political and economic developments. American history themes are linked with English III themes and the core concepts to examine the interrelated and interdependent nature of the United States with the world.

AMERICAN HISTORY HONORS

Grade 11

2100320 Reading Level 4-5
401 1 Credit

Prerequisite: World History

This course analyzes the development of the United States since 1890. Students apply problem solving and critical thinking skills to examine social, cultural, scientific, political and economic developments. American history themes are linked with English III themes and the core concepts to examine the interrelated and interdependent nature of the United States with the world. **Note: CREDIT IN THIS COURSE PRECLUDES CREDIT IN AMERICAN HISTORY**

AP US History

Grade 11

2100330 Reading Level 4-5
401 1 Credit

Prerequisite: World History

Students understand the development of the United States within the context of history examining connections to the past to prepare for the future as participating members of a democratic society. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social, and employment settings. **Note: CREDIT IN THIS COURSE PRECLUDES CREDIT IN AMERICAN HISTORY**

AMERICAN GOVERNMENT

Grade 12

2106310 Reading Level 1-3
404 1/2 Credit

Prerequisite: American History

The purpose of American government is to guide students toward acquiring an understanding of American government and political behavior at local, state and national levels. The role of civic participation guides the investigation of issues in American government. **This course is required for graduation.**

AMERICAN GOVERNMENT HONORS
Grade 12 (Weighted Credit)

2106320
404

Reading Level 4-5
1/2 Credit

Prerequisite: American History

The purpose of American government is to guide students toward acquiring an understanding of American government and political behavior at local, state and national levels. The role of civic participation guides the investigation of issues in American government. **Note: CREDIT IN THIS COURSE PRECLUDES CREDIT IN AMERICAN GOVERNMENT.**

ECONOMICS
Grade 12

2102310
408

Reading Level 1-3
1/2 Credit

Prerequisite: American History

The purpose of Economics is to provide students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to make decisions in the marketplace. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. **Note: This course is required for graduation**

ECONOMICS HONORS
Grade 12 (Weighted Credit)

2102320
408

Reading Level 4-5
1/2 Credit

Prerequisite: American History

The purpose of Economics is to provide students with the opportunity to acquire an understanding of the way in which society organizes its limited resources to make decisions in the marketplace. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. **Note: CREDIT IN THIS COURSE PRECLUDES CREDIT IN ECONOMICS.**

ADVANCED PLACEMENT
PSYCHOLOGY
Grade 12

2107350
408

1 Credit

Through the study of psychology, students acquire an understanding of an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others.

ACADEMIES

Fine and Performing Arts Academy

Students will be selected by application into this academy each year. Talented students interested in music, visual and creative arts, photography, TV production, culinary arts, drama, or chorus may apply for admittance. The vision of this academy is to create an environment of enthusiasm and pride for the arts. Students will enjoy themselves and be positive. They will be skilled and knowledgeable and will take ownership of the academy equipment, rooms and general surroundings to maintain a clean and safe environment. Students will evidence hope for the future by setting goals that require high standards. They will work to build an art program worthy of recognition in the county—one to be respected, one to be seen, and one to ultimately be feared in competitions.

Freshman Academy

This academy will facilitate a 9th grade team approach to study skills, discipline, and academic success. Students will be closely monitored by a guidance counselor and administrator dedicated to the 9th grade students. Freshman will attend their core classes in a separate building, eat lunch together, and interact with their peers in clubs and sports that are geared for Freshman only.

Sophomore Academy

This academy will facilitate a 10th grade team approach to study skills, discipline, and academic success. Students will be closely monitored by a guidance counselor and administrator dedicated to the 10th grade students. Sophomores will attend their core classes in a separate building, eat lunch together, and interact with their peers in clubs and sports that are geared for sophomores only.

Dual Enrollment Academy

Dual Enrollment is a program that allows high school students to simultaneously earn college credit while also earning high school credit. These courses and the required textbooks are free to students. Classes may be taken at Lehigh Senior High School, at the Edison College campus or on the internet. Upon graduation from high school, the college credits earned may be transferred to any college or university in the Florida State University System, and many others, private and out-of-state, as well. Students have the opportunity to earn their AA (2 year college degree) when they graduate with their high school diploma. Additional information is provided on the two Dual Enrollment Flow chart pages.

ADVANCED PLACEMENT/ HONORS AT

Lehigh Senior High School Center for the Arts

For those students who seek a college preparatory option with more flexibility than a structured program such as Cambridge, Lehigh Senior High School offers a full slate of Advanced Placement and honors courses.

Participation in Advanced Placement courses gives students the opportunity to take college-level courses while still in high school, while both AP and honors courses help develop the writing skills, problem-solving techniques and study habits that prepare students for college academics.

Taking rigorous AP and honors courses demonstrates a student's maturity, willingness to push intellectually and commitment to academic excellence.

Flexibility Key in LSHS AP/Honors Programs

One of the most important aspects of the AP/Honors program at Lehigh Senior High School is the flexibility students have in choosing courses and designing a schedule that allows them to more strongly focus on their strengths and interests.

Some students may seek advanced studies in history or English while others excel in the science or math area. For these students, a mix of AP and honors courses allows them to create a program of study that meets their academic needs. This is particularly important in the junior and senior years when many students have determined through earlier coursework the academic areas in which they excel and have an interest in studying after high school. For these students, LSHS allows them to plan a schedule where they can study their preferred subjects more thoroughly through Advanced Placement courses, while taking the remainder of their academic courses through the honors curriculum.

Benefits of AP Courses and Exams

Each Advanced Placement course has a corresponding AP Exam that schools administer each May. These exams provide students with a standardized measure of their accomplishments in the AP classroom and allow them to experience a college-level exam while still in high school.

Many colleges and universities grant students credit, placement or both for qualifying AP Exam grades, providing students with more study options in college. For example by entering college with AP credit, a student can move more quickly into upper-level courses, pursue a double major or gain time to study or travel abroad.

Students also have the opportunity to earn an AP Scholar Award by taking AP exams. Each September, the College

Board recognizes high school students who have demonstrated exemplary college-level achievements on the AP exams through AP Scholar Awards.

For more information on LSHS's Advanced Placement/honors curriculum, contact Greg Bergamasco, Ed.S., Assistant Principal of Curriculum 239.693.53537 or email at

Gregab@leeschools.net

ADVANCED PLACEMENT/HONORS COURSE SEQUENCE

9th Grade Options

English Honors I

AP Human Geography

Biology Honors

Algebra II Honors <i>or</i> Geometry Honors
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10th Grade Options

English Honors II

AP World History

Integrated Science Honors

Geometry Honors <i>or</i> Algebra II Honors
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11th Grade Options

English Honors III <i>or</i> AP English Language

American History Honors <i>or</i> AP American History
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AP Biology Chemistry Honors AP Physics B
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Algebra II Honors <i>or</i> Pre Calculus <i>or</i> AP Calculus AB

**ADVANCED PLACEMENT/HONORS
COURSE SEQUENCE (continued)**

12th Grade Options

English Honors IV <i>or</i> AP English Literature
American Government/Economics Honors <i>or</i> AP American Government/ Economics
AP Biology AP Physics B AP Physics C Chemistry Honors
Pre Calculus <i>or</i> AP Calculus AB <i>or</i> AP Statistics

Academic Electives

Spanish I
Spanish II
Spanish III
AP Spanish Language
French I
French II
French III
AP Psychology
AP Studio Art