

**2019-20  
Registration Manual**



**LAKEVIEW SECONDARY SCHOOL  
Cottonwood, Minnesota**

Dear Parents, Guardians, and Students

Students will soon be selecting classes for the 2019-20 school year. With the assistance of this registration manual prepared by the faculty and administration of Lakeview Secondary School, each student will be able to develop a comprehensive educational plan for high school and for their future.

Parents/guardians and students are encouraged to work together while reviewing the registration materials. Consideration should be given to each student's abilities and interests when developing their educational career plans. Students are encouraged to take a comprehensive look at what Lakeview Secondary School has to offer and develop future goals to address a curriculum commensurate with these goals and standard requirements.

As you use this guide, make sure that you understand the credit requirements for the grade you will be registering for next year. If you have any questions that are not answered in this manual, be sure to seek help in the high school office or from your advisor. At the high school level (9-12), you have an opportunity to branch out with electives. Electives provide the opportunity for you to explore curriculum options in preparation for post high school training or to enter the job market. Students are encouraged to take as many electives as they can in order to reach their full potential. Study halls are strongly discouraged and will only be approved if need is established by staff, parents, and principal.

Graduates from Lakeview Secondary School are required to complete academic standards, pass a minimum of 28 credits in 2020 and beyond. Additionally, graduates must pass the Minnesota Comprehensive Assessments in math, reading, and written composition in order to receive a diploma. Students need to check with their advisor or the principal's or counselor's office to make sure all standards are completed before graduation.

Through the combined efforts of the student, parent/guardian, and school personnel, an educational plan meeting your son or daughter's needs can be developed. Feel free to call the Secondary School office at (507) 423-5164 for further assistance.

**The role of the Student, Parent, and Teacher/Principal in the registration process:**

**Student's role** - each student is faced with the responsibility of creating a schedule that will best fulfill his/her needs. To complete this task, each student must:

1. Evaluate their future needs.
2. Gather as much information as possible about available alternatives.
3. Decide which alternatives will best fulfill his/her needs.

**Parent's role** - the parent's role is essential to the registration process. Parents are normally in a position to know and understand their child's interests best. This position allows the parent to assist their child in defining their needs, and to help facilitate class selection that will help to fulfill them.

**Counselor/teacher role** - the counselor/teacher role is as an advisor to help guide you with the registration process so all requirements are met for graduation.

## Lakeview Graduation Requirements

### Class of 2020

Students must pass the Minnesota Comprehensive Assessments (MCA's) in math, reading, and writing and complete 28 credits\* in the following manner:

- a. 4 credits in English
- b. 3 ½ credits in Social Studies
- c. 3 credits in Math.
- d. 3 credits in Science (Including chemistry or physics)
- e. 1 credit in Fine Arts
- f. 1 credit in Technology (Computers/PLTW)
- g. ½ credit in Health
- h. ½ credit in Economics
- i. 1 credit in Physical Education
- j. ½ credit in Personal Finance
  
- k. 10 elective credits

\*Please note: 1 credit = 1 academic hour for an entire school year  
½ credit = 1 academic hour for a semester  
¼ credit = 1 semester of band, choir, and teacher's assistant  
(Maximum of ½ credit of teacher's assistant may count toward graduation requirements)

### Minnesota State Universities High school Preparation Requirements

The State University Board has adopted a college-preparatory curriculum, which is recommended for study in grades 9 through 12. (The following curriculum is required for students who wish to attend state universities.) It is intended that the competencies gained through this required course of study will prepare secondary-school students for success in post-secondary education and will make it possible for these students to enter almost any degree program or career field without delay.

The required college-preparatory curriculum in Minnesota and many colleges is as follows:

\*\*Four credits of ENGLISH, including writing, grammar, speech, listening, reading, and analysis of literature

\*\*Three credits of SCIENCE, including a lab science

\*\*Three credits of SOCIAL SCIENCE, including U.S. and World History and American Government

\*\*Three credits of MATHEMATICS, including Algebra I, Geometry, and Algebra II

\*\*One credits of ARTS, which develop creative expression, including music, creative writing, drama, painting, drawing, or woodworking

\*\*Two credits of the same WORLD LANGUAGE – this means 2 consecutive year of the same language; for example 2 years of Spanish or 2 years of German; not 1 year of Spanish and 1 year of German

Additionally, the ACT test is required by most Minnesota colleges. Students are encouraged to take this test in April of their junior year.

Each state has different requirements. If you are thinking about out of state schools you need to consult your counselor or principal to make sure you meet the requirements of the school you wish to attend.

### LAKEVIEW ACADEMY “The high school college experience”

Through the Lakeview Academy program, qualified seniors, juniors, and sophomores may apply for college courses through Lakeview Public Schools. Once you have been accepted you will have an entrance interview to begin your college experience. Our academy is made up of College Now, Project Lead the Way and PSEO Courses in which

students will earn college credit. As you approach graduation you will complete an exit interview to make sure this experience has been resourceful. Please see below for the requirements for the Lakeview Academy:

- Seniors – must be in the upper half of your class.
- Juniors – must be in upper one third of your class
- Sophomores – must have met MCA requirements

- **COLLEGE NOW/ONLINE COURSES OFFERED AT LAKEVIEW HIGH SCHOOL**

Lakeview offers several courses for college credit on campus. The College Now (College in the Schools) of the State of Minnesota has enabled juniors and seniors to enroll in college level courses, while in high school, and earn credits at no expense to the student. Southwest Minnesota State University's College Now provides an opportunity for students to gain confidence in themselves and their ability to do college level work. Lakeview High School offers courses on campus with dual credits earned for high school graduation and credits that count toward a university degree. Check with the counselor's office related to specific classes that are part of the Challenge Program. Students meeting course requirements may also register for online courses. Students who wish to investigate online opportunities should visit with the high school counselor. **Special note: Students need to check with their college of choice to determine which College Now or Online credits will transfer.**

- **POSTSECONDARY ENROLLMENT OPTIONS PROGRAM (PSEO)**

The Postsecondary Enrollment Options Act (PSEO) was passed by the state legislature in 1985. This act allows the top third of high school juniors and the top half of seniors to take college classes, for high school credit, at eligible Minnesota institutions. Should a student along with their parents decide off-campus PSEO is a better match, it is recommended that application be made by March 30. For more information see the secondary counselor.

### **TEACHER'S ASSISTANT COURSE # 19151A/B**

Students interested in being a teacher's assistant should fill out an application available in the secondary office. The high school counselor and principal will review student applications and teacher requests for teacher's assistant and place students based on the best match. Students need to be in grades 10-12 and must have good attendance and discipline records in order to be accepted into the teacher's assistant program. A quarter credit (.25) for a semester may be earned if the student is awarded a C or higher for their work. Only a half credit (.50), 2 semesters, of teacher's assistant may count toward graduation requirements.

### **MARKING SYSTEM AND HONOR ROLL**

The grading system is as follows:

A	4.0	C	2.00
A-	3.66	C-	1.66
B+	3.33	D+	1.33
B	3.00	D	1.00
B-	2.66	D-	0.66
C+	2.33	F	0.00

- I. **INCOMPLETE.** ALL incomplete work must be completed before a student will receive credit for a course. Students with incompletes are ineligible for participation in any extra-curricular activities. If after one week, following the completion of the course and the incomplete work is never made up, and extenuating circumstances do not exist, the incomplete grade will be changed to an F. It is the student's responsibility to clear up incomplete grades. The recommendation for make-up work completion is two days for every day absent. Extensions for additional time to complete work must be cleared by the teacher. Extenuating circumstances must be cleared through the principal's office.

- II. Weighted Grades: Students taking classes for college credit through PSEO and College Now programs will receive weighted grades in these classes. Weighted grades do have an impact on class rank; consequently, students should discuss taking these courses with the school guidance counselor, parents/guardians, and teachers. An additional .333 will be added to the above grading system for PSEO and College Now classes.

### **HONOR ROLL CRITERIA**

A HONOR ROLL: Grade Point Average of 3.666 or better AND NO GRADES, in any classes, below a B-.

B HONOR ROLL: Grade Point Average of 3.0 or better AND NO GRADES, in any classes, below a C-

Classes that normally meet five times per week will be considered for the Honor Roll

### **USING THIS GUIDE**

Course numbers are located by the title of each course. The course number aligns with the Minnesota Common Core Curriculum. In order to make our schedule more flexible, many secondary classes will be a blend of students in grades 9-12. Check the Course description for a better sense of the appropriate grade level of classes. Additionally, courses in the first semester will often have a capital letter A following the number; courses in the second semester will have a capital letter B.

## HIGH SCHOOL CLASS SCHEDULE WORKING DOCUMENTATION

There is an important relationship between the high school courses you choose and your future educational and occupational goals. Therefore, it is important that you give thought and consideration to your selection of high school electives. Please discuss with your parents/guardians the selection of classes.

Begin by outlining your academic future here:

In 10 years you will more than likely be in the work force regardless of what academic track you take. What is your dream job? \_\_\_\_\_

In order to get to this dream job, what educational setting do you need to be successful in?

\_\_\_\_\_ 4 yr College    \_\_\_\_\_ 2 yr College    \_\_\_\_\_ Tech. College  
 \_\_\_\_\_ Military    \_\_\_\_\_ This job does not require post-secondary education

Regardless of your post-secondary plans there are required courses you must take at Lakeview High School. Below each grade level, the required courses are listed. These courses are typically taken the year they are listed, although exceptions do occur. To the right of the 10<sup>th</sup> grade year there are additional required that are taken as electives at any time during grades 9-12. It is important that you make sure you incorporate these courses into your electives. Below each grade level are lines for Fall and Spring electives. Please put one course on each line. When you register these are the courses you will be registering for.

<b>9th grade</b>	<b>10th grade</b>	<b>Additional Required</b>
<b>Classes</b>		

<b>Required Courses</b>	<b>Required Courses</b>	<b>Fulfilled by Electives</b>
1) English/Language Arts I	1) English/Language Arts II	Grades 9-12 1) 1 cr Fine  _____
2) U.S. Government Arts	2) U.S. History	
3) Earth Science	3) ½ cr Econ	
4) Integrated Math I	4) 1 cr Tech _____	
5) ½ Credit of Health/½ Credit PE Sn)	5) ½ cr Wild Hist (Jr or _____	

**ELECTIVES - Fall**    **ELECTIVES - Fall**

\_\_\_\_\_  
 alternate \_\_\_\_\_ alternate \_\_\_\_\_

**ELECTIVES - Spring**    **ELECTIVES - spring**

\_\_\_\_\_  
 alternate \_\_\_\_\_ alternate \_\_\_\_\_

**11th Grade**    **12th Grade**

<b>Required Courses</b>	<b>Required Courses</b>
Semester I English/Language Arts III	<u>Personal Finance (first or second semester)</u>
World History	or Literature of a Genre Semester I English/Language Arts IV or
Composition	Integrated Math III World Geography

Semester II Literature of a Genre, Semester II English/Language Arts IV,  
 English/Language Arts III, or Public Speaking, or  
 Public Speaking Literature 120  
 World History Economics or MicroEconomics  
 Integrated Math III

**ELECTIVES - Fall**    **ELECTIVES - Fall**

\_\_\_\_\_  
 alternate \_\_\_\_\_ alternate \_\_\_\_\_

**ELECTIVES - Spring**    **ELECTIVES - Spring**

\_\_\_\_\_  
 alternate \_\_\_\_\_ alternate \_\_\_\_\_

## ART

### **VISUAL ART-COMPREHENSIVE COURSE # 5154**

Grade Level:9-12 **(Counts toward Art Credit)**

Course Length: 1 Semester

Prerequisite: None

Course develops students' knowledge and skill to explore multiple art forms and create individual works of art in these forms. Introductory aspects focus on art elements and principals and design and typically include the language, materials, techniques and processes of the forms studied. Advanced aspects typically deepen and refine students' understanding of art elements and principles of design and the creative process. Additional topics may include the study of major artists, movements and styles; consideration of cultures with rich histories in particular art forms; analysis and critique; application of technology; and career opportunities in the field.

### **PAINTING COURSE # 5157**

Grade Level:9-12**(Counts toward Art Credit)**

Course Length: 1 Semester

Prerequisite: None

Course applies art elements and principles of design to the process of creating paintings. Course typically includes a variety of media such as watercolor, tempera, oils and acrylics, but may focus on only one or two media.

### **DRAWING (Counts toward Art Credit) COURSE # 5156**

Grade Level: 9-12

Course Length: 1 Semester

Prerequisite: None

This course will provide an in depth study of various drawing techniques. Students will work with different mediums to explore the art of drawing. Drawings will range from quick drawing exercises to detailed work. Students study masters of drawing from past to present as well as many cultures.

### **SCULPTURECOURSE # 5158**

Grade Level: 9-12 **(Counts toward Art Credit)**

Course Length: 1 Semester

Prerequisite: None

Course applies art elements and principles of design to the process of creating three-dimensional work often through subtractive, additive and/or assemblage techniques. Course typically includes a variety of media such as clay, ceramics, wood, metals and textiles, but may focus on only one or two media.

## BUSINESS & COMPUTER

### **COMPUTER APPLICATIONS I 10004A**

**COURSE #**

Grade Level: 9-12 **(Fulfills .5 technology credit)**

Course Length: Semester I

Prerequisite: Adequate typing skills

Introductory concepts and techniques will be used in learning the suite of applications. Students will be taught the following Microsoft Office applications: word processing (Word); spreadsheets and charts (Excel); databases (Access); presentations (PowerPoint); and desktop publishing (Publisher). Additional computer applications will also be taught including webpage creation and drawing concepts.

### **COMPUTER APPLICATIONS II 10004B**

**COURSE #**

Grade Level: 9-12 **(Fulfills .5 technology credit)**

Course Length: Semester II

Prerequisite: Computer Applications I

This class would be a continuation of Computer Applications I and will teach advanced features of the Microsoft Office Suite including design, layout, text styles, formatting, cell structure, formulas, functions, chart elements, and presentation tools. Additionally, website development basics, drawing elements, and integrated lessons will be a focus.

**DIGITAL MEDIA****COURSE # 10202**

Grade Level: 10-12 **(Fulfills .5 art credit and .5 technology credit)**  
 Course Length: Semester 1  
 Prerequisite: Computer Applications I (C+ or better)

This semester long course is intended to engage student learning in Digital Media arts covering multimedia concepts and applications using text, graphics, sound, animation, and video. Technology projects and activities will be designed, developed and created within an interactive environment while understanding design, elements, and principles of media arts. Students must have access to a school iPad in order to take this course. This course meets .5 credit of the Arts requirement.

**ACCOUNTING I****COURSE # 12104.1**

Grade Level: 10-12  
 Course Length: Semester I  
 Prerequisite: Computer Applications I

This course will teach basic accounting and bookkeeping concepts. The textbook for this course will available on the iPad and the workbook will be accessible online. Accounting I is an introduction to account classification, account balancing, double entry accounting procedures, business transaction posting with debits and credits, journal entries, and financial statement preparation. The accounting cycle will be introduced and applied. Digital simulations will help the student apply accounting principles learned.

**ACCOUNTING II****COURSE # 12104.2**

Grade Level: 10-12  
 Course Length: Semester II  
 Prerequisite: Accounting I

Accounting II is a continuance of Accounting I. Partnership accounting for a merchandising business will be covered. In addition to skills learned in Accounting I, you will work with special journals and payroll accounting. Digital simulations will help the student apply accounting principles learned.

**PERSONAL FINANCE  
12108****COURSE #**

Grade Level: 11-12 **(Fulfills .5 personal finance credit)**  
 Course Length: Semester I or II  
 Prerequisite: None

This course is designed to provide students with an understanding of how to manage their finances through goal setting, budgeting, and consumer awareness. Students will gain basic skills in financial management through units that cover planning and tracking, earning income, paying taxes, saving, spending, borrowing, and protecting against risk.

**HEALTH AND PHYSICAL EDUCATION****PHYSICAL EDUCATION 9 COURSE # 8001A/B**

Grade Level: 9  
 Course Length: Semester  
 Prerequisite: Required

The students will get an advanced understanding of rules, regulations, and skills of competitive sports and recreational activities. Physical fitness will be stressed with daily activities. Emphasis will be placed on life-time sports including volleyball, basketball, football, lacrosse, track and field, soccer, badminton, snowshoes, softball and dance.

### **HEALTH 9 COURSE # 8051A/B**

Grade Level: 9

Course Length: Semester

Prerequisite: Required

This course will provide students with the knowledge to make good health decisions. Topics covered include: mental health, physical health, social health, chemical use and abuse, decision making styles, relationships, communicable and non-communicable diseases and nutrition. Our final project will be to build a restaurant menu of their choice where each food contains less than 15% total fat.

### **RECREATION SPORTS COURSE # 8004**

Grade Level: 10-12 Rotation – Offered Spring 2019

Course Length: Semester II

Prerequisite: Passed Physical Education 9

This will be an excellent elective class for those students who really enjoy physical activity. This class will focus on the development of the habits, knowledge, skill and attitudes necessary to attain WELLNESS FOR LIFE. The class will include a variety of the activities that meets the needs and abilities of all students. Some of these activities may include: basketball, lacrosse, snowshoes, softball, soccer, team handball, pickleball, and frisbee (golf and ultimate). Other indoor and outdoor activities will be included as well as fitness components and stress management skills.

### **ADVANCED WEIGHT TRAINING COURSE # 8049**

Rotation: Offered Spring 2019

Grade Level: 10-12

Course Length: Semester II

Prerequisite: Passed Weight Training

This course aims to further knowledge, understanding and skills related to a more intense weight training, conditioning and agility drills. The student will, with the instructor's guidance, self-assess, create and evaluate a personal weight training program. This class will incorporate the following training principles: overload, intensity, frequency and duration.

### **SPORT PHYSIOLOGY COURSE # 8017**

Rotation: Offered Fall 2018

Grade Level: 10-12

Course Length: Semester

Prerequisite: Passed Physical Education 9<sup>th</sup> grade

Course examines human anatomy and physiology as they pertain to human movement and physical performance in sports activities. The course also emphasizes the prevention and treatment of athletic injuries.

### **Course Name: Sports Officiating**

Rotation: Offered Spring 2019

Grade Level: 10-12

Course Length: Semester

This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, volleyball, and baseball/softball.

### **LIFETIME FITNESS EDUCATION COURSE # 8016**

Grade Level: 10-12 Rotation – Offered Fall 2018

Course Length: Semester

Prerequisite: Passed Physical Education 9<sup>th</sup> grade

Courses emphasize knowledge and skills needed for a lifetime of physical fitness. Content may include related topics such as nutrition, stress management and consumer issues. Students may develop and implement a personal fitness plan. ***The focus of this course is physical fitness.***



### **WEIGHT TRAINING COURSE # 8009**

Grade Level: 10-12 Rotation – Offered Spring 2019

Course Length: Semester

Prerequisite: Passed Health 9 and Physical Ed. 9

This course is designed to introduce students to a structured aerobic and weightlifting program resulting in increased muscle strength, cardiovascular and endurance. This program will allow students to utilize these skills and practices throughout their lives. Current fitness trends and lifetime activities will also be researched.

### **HEALTHY LIFESTYLES COURSE #8057**

Grade Level: 10-12; Offered Fall 2018

Course Length: Semester

Prerequisite: Passed 9th Grade Physical Education

This course is to offer a fitness club style atmosphere. Each student will be required to perform daily ab exercises, cardiovascular exercises on the elliptical, stationary bike or the treadmill. They will also be required to do a certain number of Exercise Videos and perform circuit workouts in the weightroom. Students will choose what they wish to do on a given day, but must complete all requirements each quarter.

## **AGRICULTURAL COURSES**

### **ON THE JOB TRAINING I**

**COURSE #18998.1**

Grade Level: 12

Course Length: Semester

Prerequisites: Must be a senior and have a job within the Ag Industry

Students will be released from school during the last period of the day to gain work experience in an agricultural related job. This class will include weekly record keeping assignments, teacher visits, and employee evaluations. The student MUST receive approval from the instructor and the school before enrolling in this course.

### **ON THE JOB TRAINING II**

**COURSE #18998.2**

Grade Level: 12

Course Length: Semester

Prerequisites: Must be a senior and have a job within the Ag industry

Continuation of One-the-Job Training I during semester 2

### **SMALL ENGINES**

**COURSE #13302**

Grade Level: 10-12

Course Length: Semester

Small Engines I is for students who would like to begin their skill development. The students will need to provide their own engines and any parts/materials they might need to complete their projects. All tools and shop space will be provided. Due to the nature of the course, a max class cap of twelve (12) participants will be enforced.

### **WELDING I**

**COURSE #13202A**

Grade Level: 9-12

Course Length: Semester

In this semester long course, students will explore arc (stick) welding, wire feed welding, oxy-acetylene cutting, TIG welding, and plasma cutting. This course will consist of classroom lessons and structure work time to allow students to use and apply the skills and concepts learned in the class. Due to the nature of the course, a max class cap of twelve (12) participants will be enforced.

### **WELDING II**

**COURSE #13202B**

Grade Level: 10-12

Course Length: Semester

Prerequisite: Welding I

Welding II is for students who have completed Welding I and would like to continue their skill development. Students will develop more into designing, planning, and creating different welding projects. Due to the nature of the course, a max class cap of ten (10) participants will be enforced.

### **PLANT SCIENCE**

**COURSE #18051**

Grade Level: 9-12

Course Length: Semester

Course provides knowledge about the propagation of plants for food and fiber. Topics include soil science, irrigation, and pest and weed control, food and fiber processing, and farm operations. General knowledge and skills needed to produce all types of crops or a particular area of plant production may be emphasized.

**GREENHOUSE MANAGEMENT****COURSE #18053**Grade Level: 9-12  
Course Length: Semester

Course explores the care and propagation of plants, flowers, trees and shrubs, but focus may be on those used for decorative and aesthetic purposes. Students will learn the basic plant care and function along with designing experiments to learn more about growing plants. Course does concentrate on the greenhouse.

**FLORAL DESIGN****COURSE #18052**Grade Level: 9-12  
Course Length: Semester  
Prerequisite: None

Learn the basics of floral design, including principles and elements of color theory, tools of the trade, handling and flower identification and how to create basic arrangements. Students will test their knowledge by designing several different arrangements throughout the semester.

**ANIMAL SCIENCE (Meets .5 Science Credit Requirement)****COURSE #18101**Grade Level: 9-12  
Course Length: Semester

This course is perfect for animal lovers. This course will provide you with a basic knowledge of the animal industry. Topics covered include: animal care and management, anatomy and physiology, nutrition, reproduction and genetics, animal products, and careers. Field trips and hands-on activities will enhance various topics as much as possible.

**VETERINARY MEDICINE****COURSE #18102**Grade Level: 9-12  
Course length: Semester

This course combines animal science and veterinary course. Topics may include, but not limited to; diseases/disorders, treatment such diseases/disorders, diagnosing sick animals, and handling of animals during examination.

**Ag Mechanics 101****COURSE #18103**Grade Level: 9-12  
Course Length: Semester

This course is a course for students that have had little or no mechanical experience. Subjects we will be gaining experience are: basic car care, reading the owner's manual, repair / replace outlets and light switches, patch drywall and many other skills everyone should know before living on their own. In this lab intensive course students will also be introduced to welding, small engines and of course shop safety. Students with limited exposure to mechanics are strongly encouraged to participate in this course.

**ENGINEERING TECHNOLOGY****ARCHITECTURE (CEA/PLTW)****COURSE # 21012A**Grade Level: 9-12  
Course Length: Fall Semester  
Prerequisite: None

This course can be taken for college credit through University of Minnesota. This course also satisfies .5 credits of the Technology requirement found in the Student Handbook.

The major focus of Architecture is to expose students to the work of an Architect. Architects design and construct residential and commercial building projects, work in design teams, and draw with a Building Information Modeling (CADD) software. Students will design, draw, and construct models of a residential house and a commercial building project. Taking this course give the students an opportunity to work hands on with technology used in today's field of Construction. The course will run in a modified block schedule during 1st and 2nd hours on Mondays, Wednesdays and Fridays (common lab day).

**ENGINEERING DESIGN AND DEVELOPMENT (PLTW)****COURSE #21007A/B**Grade Level: 11-12  
Course Length: Semester  
Prerequisite: Any one of the other PLTW courses that are offered.

This course also satisfies .5 credits of the Technology requirement found in the Student Handbook.

In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel.

**COMPUTER AIDED DRAFTING AND DESIGN (IED/PLTW) COURSE # 21006B**  
Grade Level: 9-12  
Course Length: Spring Semester  
Prerequisite: None

This course can be taken for college credit through University of Minnesota. This course also satisfies .5 credits of the Technology requirement found in the Student Handbook.

This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. Students will print out drawings and turn them in to the instructor for credit. Drafting topics covered are basic drafting techniques, geometric construction, multi-view drawing, dimensions, sections, projections, tolerances, threads, fasteners, cams, and gears. Taking this course will give students the opportunity to work with latest technology including a 3-D printer. The course will run in a modified block schedule during 1st and 2nd hours on Mondays, Wednesdays and Fridays (common lab day).

**DIGITAL ELECTRONICS (PLTW) COURSE # 21008A**  
Grade Level: 10-12  
Course Length: Fall Semester  
Prerequisite: None.

This course can be taken for college credit through University of Minnesota. This course also satisfies .5 credits per semester of the Technology requirement found in the Student Handbook.

Digital Electronics (DE) is the study of electronic circuits that are used to process and control digital signals. DE is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design. Students will analyze, design and build digital electronic circuits. One such circuit is the programmable logic controller (PLC), the 'brain' of a robot. The course will run in a modified block schedule during 1st and 2nd hours on Tuesdays, Thursdays and Fridays (common lab day).

**APPLIED PHYSICS (POE/PLTW) COURSE # 21004B**  
Grade Level: 10-12  
Course Length: Spring Semester  
Prerequisite: None

This course can be taken for college credit through University of Minnesota. This course also satisfies .5 credits per semester of the Technology requirement found in the Student Handbook.

The course exposes students to some of the major concepts that they will encounter in a post-secondary applied science or engineering course of study. The main topics are Mechanisms, Energy Sources, Energy Applications, Machine Control, Fluid Power, Statics, Material Properties, Material Testing, Statistics, and Kinematics. Every topic is explored through hands on project base learning such as building bridges, automated machine, and ballistics device. The course will run in a modified block schedule during 1st and 2nd hours on Tuesdays, Thursdays and Fridays (common lab day).

**CARPENTRY COURSE # 17003**  
Grade Level: 9-12  
Course Length: Spring Semester  
Prerequisite: None

This course is the study of constructing residential buildings, such as houses, garages, or utility sheds. Students will participate in several two/three week units on a variety of trades in construction. Students will

identify various tools and materials used in building, define key terminology, read blue prints, lay out a structure, and build a structure. Estimation, contracting, financing, mechanical systems, stress and load properties, and building codes will also be discussed. The class will construct utility sheds depending on the need.

**COMPUTER GRAPHICS AND DESIGN**

**COURSE #10202**

Grade Level: 9-12  
Course Length: Semester  
Prerequisite: None

This course also satisfies .5 credits per semester of the Technology requirement found in the Student Handbook.

This course provides the opportunity to explore the capability of the computer to produce visual imagery and apply graphic techniques to various fields which may include: modeling, simulation, animation and image retouching. Students will use those skills to modify and maintain Lakeview websites or create posters or banners for Lakeview events. Technology used, but not limited to, are 3-D printer, a large format printer, and a laser engraver.

**CABINETRY 1**

**COURSE # 17007A**

Grade Level: 9-12  
Course Length: Fall Semester  
Prerequisite: None

This course is the study of techniques in woodworking and cabinet making. Some examples of techniques are; making different types of joints, types and uses of various woods, layouts, designs, bill of materials, and finishes. Each student must build a project to appropriate dimensions. The project will reinforce some, if not, most of the techniques covered in class. Every student must pass a safety test with a 95% or better.

**CABINETRY 2**

**COURSE # 17007B**

Grade Level: 9-12  
Course Length: Spring Semester  
Prerequisite: None

This course is a continuation of Cabinetry I. More advance woodworking and cabinet-making skills will be studied. Students will design, layout, create a bill of materials, and construct a project of their own choice. Proper care and maintenance of tools and machines will be embedded throughout the course. Every student must pass a safety test with a 95% or better.

**INTRODUCTION TO COMPUTER PROGRAMMING**

**COURSE #**

Grade Level: 9-12  
Course Length: Semester  
Prerequisite: None

This course also satisfies .5 credits per semester of the Technology requirement found in the Student Handbook.

The course covers the basic constructs of programming such as control structures, conditionals, loops, and arrays. These constructs are contained in all computer languages. For this course, students will use the C++ language to create programs that will produce output to the screen. The C language is used in many areas such as robotics and gaming.

## LITERATURE and LANGUAGE ARTS

### **ENGLISH/LANGUAGE ARTS I – Foundations of English I**

**COURSE # 1001A/B**

**Grade Level:** 9 (Required)

**Course Length:** Full Year (Counts toward Lang. Art Credit)

**Prerequisite:** None

This course is designed for sophomore students to build upon the foundational English/language arts skills developed in Foundations of English I. This course will introduce students to two or more genres of literature (novel, short story, poetry, etc.) and include exploration of each genre's literary elements, determination of theme and intent, and examination of vocabulary and semantics. Writing and speaking assignments based on the literature studied are included.

### **ENGLISH/LANGUAGE ARTS II – Foundations of English II**

**COURSE # 1002A/B**

**Grade Level:** 10 (Required)

**Course Length:** Semester I and II (Counts toward Lang. Art Credit)

**Prerequisite:** Passing grade in Language Arts 9

This course is a survey of a variety of skills. Students will work on a cross-curriculum research paper, writing in the workplace, an informative speech, mechanics and usage and literary terminology. The class will consist of a variety of materials ranging from short story to complete novels where they will actively read and connect to the text. Students will also read independently for enjoyment.

### **LITERATURE – GREAT BOOKS**

**COURSE # 01053**

**Grade Level:** 9 – 12

**Course Length:** Semester

**Rotation:** Offered Fall

This course offers students the opportunity to examine the themes presented through the novel genre. Critical thinking skills are developed as students determine the assumptions underlying a reading selection and as they determine how the work reflects the times and culture. Oral discussion and written compositions are an integral part of this course.

### **ENGLISH/COMPOSITION: RESEARCH AND WRITING FOR REAL LIFE**

**COURSE #1101**

**Grade Level:** 9 – 10

**Course Length:** Semester

**Rotation:** Offered Fall

In this course, students will be exposed to examples of literature that illustrate various forms of writing. It will address the writing processes and practices necessary or producing successful compositions. Students write persuasive, critical, and creative multi-paragraph essays and compositions.

### **CREATIVE WRITING I**

**COURSE # 01104**

**Grade Level:** 10 – 12

**Course Length:** Semester

**Rotation:** Offered Fall

In this course, students will develop their writing technique and style in poetry, short story, drama, essays, and/or other forms of prose. The emphasis of this course is on writing; however, students may study exemplary texts to obtain a fuller appreciation of the form and craft.

### **LITERATURE OF A GENRE – LIT AND FILM**

**COURSE # 01061**

**Grade Level:** 11 – 12

**Course Length:** Semester

**Rotation:** Offered Fall

This course focuses on the improvement of students' language arts and critical-thinking skill through study of literature and film analysis. Students determine the assumptions underlying selected works and examine the structure, techniques, and intentions of the genre. Oral discussion and written compositions are part of this course.

### **LITERATURE – READING FOR PLEASURE**

**COURSE # 01053**

**Grade Level:** 9 – 12

**Course Length:** Semester

**Rotation:** Offered Spring

This course offers students the opportunity to extend study of themes presented through the novel genre on a more individualized basis. In this course, students will develop literacy and critical thinking skills as they determine the

assumptions underlying reading selections of their choosing and as they determine how the work reflects the times and culture. Oral discussion and written compositions are an integral part of this course.

### **LITERATURE OF A GENRE - SCREENWRITING**

**COURSE # 01061**

**Grade Level:** 9 – 12

**Course Length:** Semester

**Rotation:** Offered Spring

The goal of this course is to develop and improve students' language arts and critical-thinking skills through the study and application of the screenwriting format. Students examine the structure, techniques, and intentions of the genre, and apply them to their own screenplay. This course integrates oral discussion and written composition.

### **APPLIED LANGUAGE ARTS/COMMUNICATIONS: CAREER WRITING & COMMUNICATION COURSE # 01156**

**Grade Level:** 10 – 12

**Course Length:** Semester

**Rotation:** Offered Spring

This course will develop students' language arts skills - reading, writing, listening, and speaking while concentrating on the practical application of communication. This course will focus on documents such as business letters, resumes, applications, and interviewing as examples.

### **ADVANCED CREATIVE WRITING**

**COURSE # 01104**

**Grade Level:** 10 – 12

**Course Length:** Semester

**Rotation:** Offered Spring

**Prerequisite:** Creative Writing I

Course Description: In this course, students will continue to develop and refine their writing technique and style in poetry, short story, drama, essays, and/or other forms of prose. The emphasis of this course is on writing; however, students may study exemplary texts to obtain a fuller appreciation of the form and craft.

### **Acting and Dramatic Interpretation LITERATURE OF A GENRE COURSE # 1061**

**Grade Level:** 9 – 12

**Course Length:** Semester 1 and Semester 2 (two courses offered)

**Rotation:** Offered both semesters

This course is designed to meet the needs of every student whether those needs are for career success, technical college, or a four-year college. This course will study drama from around the world. Part of the class work will be the selection and production of a play or series of acts from various plays to be presented to the public. Short speeches may also be involved in the course. Students enrolled in this course will work on strengthening their writing skills in both academic and technical writing. Students will also develop and improve their academic and technical reading skills through a variety of resources and materials. In addition students will enhance their critical thinking skills from a variety of literature. This course will study various literary pieces from throughout the world. It will incorporate building vocabulary, grammar, and writing skills. Students will be required to act. Final Production each semester required attendance.

### **COMPOSITION I : College Now Course # 1103**

**Grade Level:** 11– 12

**Course Length:** One Semester

**Rotation:** Fall

Taken for 3 college credits

This course will enable students to determine a writing purpose, generate ideas to support a topic, determine an audience, develop a focus, and organize a written text, beginning with more personal, or "reflective," writing and moving on to expository writing and argument. At least two papers will involve a research component through which students begin to learn the conventions of citation and documentation. Furthermore, the class will enable students to learn how purpose and audience affect the content, language, and form of a written text. Students must meet minimum writing objectives as determined in order to be placed into this course.

### **College Composition II -ENG 1102**

**Grade Level:** 11 – 12

**Course Length:** One Semester

**Rotation:** Spring

Taken for 3 college credits

Composition II builds on Composition I with emphasize on information literacy, critical thinking, and style development. Composition assignments include a research paper. Prerequisite: English 1101 (Composition I)

**LITERATURE 120 College Now Course # 1061**

**Grade Level:** 11 – 12

**Course Length:** One Semester

**Rotation:** Fall

Taken for 3 college credits This course will deepen students' understanding and appreciation of literature as an art form as well as to strengthen students' ability to read short stories, poems, novels, and drama for meaning.

**College Composition: Technical Writing – ENGL 2276 3**

**Grade Level:** 11 – 12

**Course Length:** One Semester

**Rotation:** Spring

Taken for 3 College Credits

Composition: Technical Writing provides instruction and experience in composition and editing various types of professional and technical writing. Assignments include a research paper. This course is an alternative for ENGL 1102 in the Minnesota Transfer Curriculum. Prerequisite: English 1101.

**PUBLIC SPEAKING College Now Course # 1151**

**Grade Level:** 11 – 12

**Course Length:** One Semester

**Rotation:** Fall

Taken for 3 college credits

Prerequisite: Juniors: Top 1/3 of the class

Seniors: Top ½ of the class / B Average

A skills course instructing the student how to design and deliver a speech. Active and critical listening are integral components of the course.

**Interpersonal Communications SPCH 1103**

**Grade Level:** 11 – 12

**Course Length:** One Semester

**Rotation:** Spring

Taken for 3 college credits

Assists students in improving their one-on-one communication skills in their personal, social, and professional lives. Learners analyze the common variables of interpersonal communications and learn techniques to overcome barriers to effective communication. Prerequisite: STSK 0095 or evidence of college level reading ability through assessment test or prior college coursework.

**MATHEMATICS**

**GEOMETRY**

Grade Level: 9

Course Length: Year Long

Prerequisite: 8th grade Mathematics

Geometry will address the Minnesota Standards in the area of Geometry and Measurement. Topics will include congruence, similarity, right triangle trigonometry, area, and volume. The course is recommended for freshmen.

### **Algebra II**

Grade Level: 10  
Course Length: Year Long  
Prerequisite: Geometry

Algebra II will focus on the Minnesota Standards in the area of Algebra. Topics will include systems of equations, systems of inequalities, factoring methods, and quadratic equations. Completion of Geometry is a prerequisite.

### **Advanced Algebra II**

Grade Level: 10  
Course Length: Year Long  
Prerequisite: Meeting or Exceeding MCA standards in grade 8, mastery of topics presented in grade 8, obtaining an "A" in Geometry, teacher recommendation.

Advanced Algebra II will focus on the Minnesota Standards in the area of Algebra and well as Data Analysis & Probability. Topics will include systems of equations, systems of inequalities, factoring methods, quadratic equations, counting procedures, data representations, probability, polynomials, exponential functions, sequences, and series. This course will focus on preparation for a college course the following year. Prerequisites for the course include 3 of the 4 following: Meeting or Exceeding MCA standards in grade 8, mastery of topics presented in grade 8, obtaining an "A" in Geometry, teacher recommendation.

### **Data, Statistics, and Functions**

Grade Level: 11  
Course Length: Year Long  
Prerequisite: Algebra II or Advanced Algebra II

Data, Stats, and Functions will focus on the Minnesota Standards in the areas of Data Analysis & Probability as well as Algebra. Topics will include counting procedures, data representations, probability, polynomials, exponential functions, sequences, and series. Completion of Algebra II is a prerequisite for the course.

COLLEGE ALGEBRA      College Now Course      COURSE # 2106  
Grade Level:      11-12  
Course Length:      Semester I—Taken for 3 college credits  
Prerequisite:      Algebra 2 or equivalent

College Algebra is the foundational strand of mathematics. Its concepts are used in business, industry, science, engineering, and medicine. Students will experience the rigor of a college level course. The material is the same as seen on SMSU campus. This course meets five days a week, unlike a typical two or three days on a college campus. This gives an advantage for Lakeview students to cover the same amount of materials in more time than on a college campus. Students will have more one on one contact with the instructor to assist and help you learn the content.

COLLEGE TRIGONOMETRY      College Now Course      COURSE # 2103  
Grade Level:      11-12  
Course Length:      Semester II –Taken for 3 college credits  
Prerequisite:      College Algebra

College Trigonometry covers concepts of right angle and circular trigonometry. Its concepts are used in business, industry, science, engineering, and medicine. This course is a prerequisite to College Calculus. Students will experience the rigor of a college level course. The material is the same as seen on SMSU campus. This course meets five days a week, unlike a typical two or three days on a college campus. This gives an advantage for Lakeview students to cover the same amount of materials in more time than on a college campus. Students will have more one on one contact with the instructor to assist and help you learn the content.



**CALCULUS**      College Now Course  
Grade Level:      12  
Course Length:    Year Long--Taken for 5 college credits  
Prerequisite:      College Trigonometry

**COURSE # 2121A/B**

Calculus is the mathematics of change. For example, calculus is the mathematics of velocities, acceleration, tangent lines, slopes, areas, volumes, arc lengths, centroids, curvatures, and a variety of other concepts that have enabled scientists, engineers, and economists to model real-life situations. Calculus concepts are used in business, industry, science, engineering, and medicine. Students will experience the rigor of a college level course. The material is the same as seen on SMSU campus. This course meets five days a week, unlike a typical two or three days on a college campus. Also, students will cover a college semester of material over the full school year. This gives an advantage for Lakeview students to cover the same amount of materials in more time than on a college campus. Students will have more one on one contact with the instructor to assist and help you learn the content.

**INTRODUCTION TO STATISTICS**

**COURSE # 2123**

Grade Level:      11-12  
Course Length:    Semester I  
Prerequisite:      Alg 2 or Adv Alg2

Statistics may be the most important class you take in high school. Statistics is a part of our everyday world and everyday life, as well as part of almost every career possibility. This course will examine the design of experiments and studies to help students determine if a study really has any merit. This course will also go over the tools of statistics such as measures of center and spread, correlational analysis, normal distribution and probability. This course is a prerequisite for College Statistics.

**COLLEGE STATISTICS**

**College Now Course**

**COURSE # 2124**

Grade Level:      11-12  
Course Length:    Semester 2 (3 college credits)  
Prerequisite:      Introduction to Statistics

Course includes the study of the fundamentals of probability and statistics. The topics included will be experimental design, measures of center and spread, applying the ideas of normal distribution, measures of dispersion, frequency distributions, large and small samples, testing of hypotheses, and correlation analysis. This course can be taken for 3 college credits through the SMSU College Now program.

**MUSIC**

**CONCERT BAND (Counts toward Art Credit) COURSE # 5102A/B**

Grade Level:9-12  
Course Length: Semester I & II  
Prerequisite:      3 prior years of Band

Students must have strong proficiency on their instrument and must also maintain a good academic standing in other courses to assure eligibility of performing with the group.

The Lakeview Concert Band performs for 3 concerts a year and also performs at large group band contest. The band as a "Pep Band" performs for various football, volleyball, girls' basketball, and boys' basketball games. Students are encouraged to participate in a solo and ensemble contest in the spring. Students may wish to audition for Jazz Band which meets once a week before school. The Concert Band performs a variety of symphonic and popular music with the emphasis on tone production, playing technique, and style. Within the instrumental groups, students will learn discipline, cooperation, and self- motivation skills.

**CHORUS (Counts toward Art Credit) COURSE # 5110A/B**

Grade Level:9-12    Limit on Class Size: 85 students  
Course Length:    Semester I and II

(While this course is available on a semester basis, it is preferred that students commit to the entire year. Students registering for only Semester II must audition for the class and display a high level of musicianship since basic review and presentation of new concepts are covered mostly in the fall.)

Prerequisite:      Jr. High Choir (2 semesters) or pre-approval from the instructor.

The choir will explore many different styles of music including classical, folk, pop, spirituals, multi-cultural, etc. Basic music fundamentals are covered during rehearsals with a great emphasis placed on learning and using proper vocal

technique. There are 4 public performances per year which all chorus members must attend: Holiday Concert, March Concert, Large Group Contest, and Pops Concert. Although most of our efforts are directed at group participation, students will be expected to exhibit progress on their individual voice part each grading period. Students in choir will have the option of auditioning for the swing choir and/or the opportunity of private voice instruction or participation in small ensembles.

## **SCIENCE**

### **EARTH SCIENCE COURSE # 3001A/B**

Grade Level: 9 (Required)

Course Length: Full Year

Prerequisite: None

Students will explore the world and universe around them in this required course. Starting with matter and moving to the Earth from the inside out, the course concludes with Earth's role in the galaxy and universe. Emphasis on the role of convection currents; plate tectonics and tectonic activities that shape the Earth; weathering and erosion that remodel the Earth; oceans, atmosphere and the role of weather; and finally space systems round out the course. Students will be involved in lecture, lab work and some project based assignments such as presentations.

### **BIOLOGY COURSE # 3051A/B**

Grade Level: 10 (Required)

Course Length: Full Year

Prerequisite: None

Students view the processes of the biological world around them. With an emphasis on cell level structure and processes like cell division, respiration and photosynthesis, an ecosystem level view of genetics, natural selection and ecology, and a final section on individual organisms such as bacteria and plants, the course completes an overview of the biological world. Extensive use of the microscope and an introduction to lab skills will be part of the lab portion of the class.

### **COMMUNITY CHEMISTRY COURSE #3105A/B**

Grade Level: 11-12

Course Length: Full Year

This is a real life "Experiential learning" type of chemistry geared for students who may not have success in the traditional chemistry classroom. It provides real life application and hands on learning experiences for students which satisfy the state of MN chemistry standards.

### **CHEMISTRY COURSE #3101A/B**

Grade Level: 11-12

Course Length: Full Year

Prerequisite: Successful completion of biology

This course will cover organization of matter including atomic theory, periodic law, formulas and compounds. It will also cover scientific measurement and problem-solving methodologies requiring mathematical and logical calculations. This course will cover chemical quantities, including mole-mass and mole-volume relationships, and chemical reactions. It will also include thermochemistry, ionic and covalent bonding and solutions.

### **ANATOMY & PHYSIOLOGY (Meets Science Elective) COURSE # 3053A/B**

Grade Level: 11-12

Course Length: Full Year

Prerequisite: Biology

Students in the course will study the human body following an organizational level approach. Starting with the chemical structure and biochemistry of the body, students move into a study of body tissues; including the expectation that students will be able to identify body tissues. The last part of the class will focus on organ systems of the body starting with the skin and finishing with skeletal, muscle, and nervous systems. Lab work, including dissection of a sheep heart and a full dissection of a cat are required components of the class. Focus of the class is to emphasize the concept of homeostasis and the homeostatic imbalances that will occur in our bodies.

**CRIMINALISTICS (Meets Science Elective) COURSE # 3204A/B**

Grade Level: 10-12

Course Length: Full Year

Students in this course will journey through the lab of a forensic scientist. Beginning with a history of the development of forensic science, including studies of several major U.S. crimes, the student will develop an understanding of the role of science in solving crimes. The course progresses through most areas of forensic science: DNA, blood, fingerprinting, firearms and explosives, drugs and alcohol, organic and inorganic analysis, handwriting and forensic anthropology. Visits from local law enforcement officials will reinforce concepts learned in class. The course involves extensive lab work, including use of spectrophotometers and electrophoresis setups. Final project for the class is the processing of a stage crime scene including gathering, processing and analyzing evidence to build a case against their suspect.

**PHYSICSCOURSE # 3151A/B**

Rotation: Offered 2015-16

Grade Level: 12

Course Length: Full Year

Prerequisite: Advanced Algebra or is taking it at the same time as Physics (semester I) or instructor approval.

This will be a study of waves including sound and light. The course will also include a study of heat with its effect on matter as well as a study of electricity. This course will examine the nature of energy along with laws of physics, measurement, and problem-solving. It will include mechanical energy, its forces, motion and work, power and machines.

**SOCIAL STUDIES**

**U.S. GOVERNMENT COURSE # 4151A/B**

Grade Level: 9 (Required)

Course Length: Full Year

We will study what it means to be a citizen the foundations of US Government, the founding documents as well as an overview of National, State and Local governments. There will also be an emphasis on current events and how they impact our lives.

**U.S. HISTORY COURSE # 4101A/B**

Grade Level: 10 (Required)

Course Length: Full Year

This course will cover the beginnings to the modern era with a focus on Post Civil War era to present. Topics included: Civil war, industrialization, and America becoming a world power. The Great War, its causes, industrialization, and America becoming a world power, results, future effects on foreign policy. We will study the society of post war and the depression of World War II, its causes and events. The Cold War, the struggle for racial and political equality, the Korean Conflict, Vietnam War, foreign interventions and their role in American society will also be included in the study.

**World Geography**

Grade Level: 12th Grade (Required)

Course Length: Semester I

Students will study and practice geography concepts and skills including cartography, population demographics, chart/graph interpretation, and uses of geographic information systems. Students will explore the many ways we purposefully use geographic information in an increasingly interconnected world as we study the physical and cultural geography of different regions of the world selected by student ballot. World Geography satisfies a State of Minnesota academic requirement for High School graduation.

**WORLD HISTORY COURSE # 4051 A/B**

Grade Level: 11 Grade (Required)  
 Course Length: Year Long for juniors  
 Prerequisite:

World History explores human civilizations from the first organized societies to the civilizations of the modern world. We will use multiple media sources, our textbook, written assignments, craft and art projects, a day-long field trip, and analysis of theatrical films to explore why and how people organized societies; how societies influenced one another; how cultures expanded, came into conflict, and declined; and the influences that changed human society. World History satisfies a State of Minnesota academic requirement for High School graduation.

**Psychology I:****COURSE # 4254.1**

Grade Level: 11-12  
 Course Length: Semester I

Course Description: This semester course for juniors and seniors is designed to introduce students to the biological and theoretical foundations of psychology. The course will encourage students to develop analytical skills, conduct research, investigate the mind-body connection, and analyze concepts of consciousness, learning, memory, sensation and perception. Students will be expected to demonstrate their understanding of psychology through various projects, discussions, assessments and assignments.

**College Psychology:****COURSE # 4254.2**

Grade Level: 11-12  
 Course Length: Semester II—Taken for 3 college credits  
 Prerequisite: Psychology I (For college credit only)

The primary objective of this course is to introduce you to the terms, methods, theories and findings of psychology. Topics include abnormal behavior, social influence, major schools of thought in psychology, development, health and stress, personality and motivation. A secondary objective is to guide you through a college level course. We will work together to gain skills to study for a college test, take notes using a college text and think like a college student.

**WORLD GEOGRAPHY COURSE # 4001**

Grade Level: 12 Grade (Required)  
 Course Length: Semester I

Students will study and practice geography skills including cartography, chart/graph interpretation and uses of geographic information systems. Throughout the course students are introduced to the many ways that geography can be used purposefully. Students will study physical and cultural geography of different world regions. World Geography satisfies a State of Minnesota academic requirement for High School Graduation.

**ECONOMICS COURSE # 4201**

Grade Level: 12 Grade (Required)  
 Course Length: Semester II

Economics is a semester course for all seniors. Economics is the study of how people meet their wants and needs with limited resources. We will use multiple media sources, our textbook, written assignments, guest speakers, a field trip, and the on-line Stock Market Game to explore and apply personal financial skills and Microeconomic principles like scarcity of resources and the interaction of Supply and Demand that help us understand economic decisions of individuals and firms in the modern world. Economics satisfies a State of Minnesota academic requirement for High School graduation.

**COLLEGE MICROECONOMICS College Now Course COURSE # 4207**

Grade Level: 11-12<sup>th</sup> Grade (Satisfies the Economics Grad Requirement)  
 Course Length: Semester II – 3 college credits through SMSU

Mic-roeconomics uses multimedia presentations, our textbook, and chapter reviews to study how individual consumers, firms, and markets decide to allocate scarce resources among competing uses. The primary objective of Principles of Microeconomics is to increase your understanding of how markets work and enable you to explore

topics such as capitalism, competition, monopoly, and public choice. Your course is what on-campus SMSU students receive with the added benefit of access to your Lakeview course instructor any time you have questions and access to our course teaching and exam review materials via Schoology.

Taking this course will help you gain:

Increased Microeconomic Literacy. You will have a more complete understanding of the role of price, profit, competition, and public choice in a market-based economy.

Improved Analytical Skills. Our guided study of economics will help you to a higher-level mastery of college and life skills in organizing and applying information, logical thinking, and analytical problem solving.

Become a Better Informed Citizen. The performance of our economy is a dominant facet of American society. A citizen equipped with a sound knowledge of economics is better able to ask meaningful questions about public policies and more effectively evaluate the costs and benefits of proposed projects.

### **20<sup>th</sup> Century Conflicts #4259**

Grade Level: 10-12<sup>th</sup> (10<sup>th</sup> by instructor permission)  
Course Length: Semester I

20<sup>th</sup> Century Conflicts will explore the wars that redefined our nation and our world. We will examine each conflict for its causes; the tactics and strategies of the combatants; the roles of key leaders and of the common soldier; the immediate and long-term consequences of the war; and its continuing influences on our world today. We will investigate the U.S. involvement in World War I, World War II, the Korean War, and the War in Vietnam. We will investigate these issues using multi-media and on-line resources; individual readings, films and videos; guest speakers; partner, small group, and individual research projects; field trips; and guest speakers.

### **SOCIOLOGY COURSE # 4258**

Grade Level: 11-12  
Course Length: Semester

Prerequisite: U.S. History and English/Language Arts II or equivalent

Sociology explores how human society and people relate to one another. Our exploration in Sociology will include examining the nature of culture and of social groups; the role of the individual in society and the influences that affect the individual; the causes of social inequality and social deviance; the social institutions which shape our society and our lives; and the forces of social change. We will investigate these issues using textbook-based learning; case studies; guest speakers; partner; small group, and individual projects; and class discussions

## **WORLD LANGUAGES AND CULTURE**

### **SPANISH I COURSE # 6101A/B**

Grade Level: 9 -12  
Course Length: Full Year  
Prerequisite: None

Students will begin to learn the Spanish language. The introduction of vocabulary is large in Semester I, with Semester II having a bigger focus on grammar. The students will also begin to study the Spanish culture. Activities include: videos, listening, reading, speaking and writing.

### **SPANISH II COURSE # 6102 A/B**

Grade Level: 10-12  
Course Length: Full Year  
Prerequisite: Spanish I, Semesters I and II

Students expand on their knowledge gained in Spanish I. The students also begin a detective series that goes along with the course. The students try to solve the mystery. The videos are all in Spanish. Vocabulary and

grammar are the focus of both semesters. We continue to study the Spanish culture to help get a better understanding of the culture. Activities include: videos, listening, reading, speaking and writing.

**SPANISH III COURSE # 6103 A/B**

Grade Level: 11-12

Course Length: Full Year

Prerequisite: Spanish I and Spanish II, Semester I and II

Students can expect to learn a lot of grammar in this class. It is a preparation course for college Spanish. For that reason, there is more emphasis on writing and speaking this year. Assessments are more project-based in this class. Students present projects in groups or individually, depending on the assignment. In addition, we continue to study the Spanish culture.

**SPANISH IV College Now Course COURSE # 6104 A/B**

Grade Level: 11-12

Course Length: Full Year—Taken for 6 college credits

Spanish 102 – Phil Lalim

Course Length: One year

The purpose of the class is to improve the language ability of student. The advantage of taking it here at Lakeview vs at SMSU, is we meet every day. At SMSU they meet 5 days a week for one semester. We will cover the same material they do, but we will be able to extend it out over one year. We will be able to spend more time on concepts that are more challenging than you would at SMSU. We will use the same book as SMSU students.

Prerequisite: Spanish II (recommended passing with a C+ or higher)

**FAMILY CONSUMER SCIENCE**

**FOOD SCIENCE COURSE # 22052**

Grade Level: 9 -12

Course Length: Semester

Prerequisite: None

Food science is a growing field of study that integrates information from a broad spectrum of curricula. Students will experience a well-rounded experience in the principles of food science, careers and foods of the world. In this course, we will examine science concepts related specifically to food. As you learn food science basics, you will also gain knowledge and skills in food preparation, food selection, nutrition analysis, problem solving, and critical thinking. Courses offer opportunities to study the composition, structure, and properties of foods, including the chemical changes that occur during the processing, storage, preparation, and consumption of food. The study of food can benefit you as you make daily food choices, both now and in the future, and understand the health impacts of those choices. In addition, you will gain knowledge needed to evaluate future technological advances as they are applied to food as well as provide an opportunity to explore a range of career opportunities related to food science.

**FOOD AND NUTRITION COURSE # 22051 A/B**

Grade Level: 9 -12

Course Length: Semester

Prerequisite: None

Course provides instruction in how to plan and prepare food, experience the proper use of equipment and utensils and understanding of food's role in society, including nutritional requirements for healthy living. A heavier emphasis on nutritional components of a balanced diet may take place. Career opportunities in the food industry may be presented. Students attend the Schwan's Culinary Event in the Spring experiencing the many opportunities one cannot bring to the classroom.

**CULINARY ARTS COURSE #16056**

Grade level: 10-12

Course Length: Semester

This is a course prepares students for careers in the restaurant or hospitality and lodging fields. It will provide you with the necessary skills for more advanced class work and expose you to the world of professional cooking.

Students are given a head start toward exciting and rewarding hospitality careers. Students will learn about the fundamentals of food preparation, culinary history, serving food safely, sanitation, cake decorating, sauces, stocks and soups, knife skills, basic preparation, sandwiches, presentation/garnishing, careers and nutrition. Students attend the Schwan's Culinary Event in the Spring experiencing the many opportunities one cannot bring to the classroom.

### **Housing and Interior Design Course #22152**

Grade level: 9-12

Course Length: Semester

This class is designed to help the student learn to make wise housing choices, to learn about art principles and their application to decorating choices, study floor plans, room and furniture arrangement and selection, study housing styles, as well as, consumer rights and responsibilities. A major final project of the student's choice will include floor plans and composite of materials and color choices, selection and arrangement of furnishings, accompanied by a detailed report of cost and reasons for the choices.

### **CHILD DEVELOPMENT I COURSE # 22101 A/B**

Grade Level: 9 -12

Course Length: Semester

Course provides knowledge about the physical, mental, emotional, and social growth and development of children from conception to age 3. They also help students understand how parents and caregivers should respond to the various stages of childhood. Topics include prenatal and birth processes; responsibilities and difficulties of parenthood; fundamentals of children's emotional and physical development; and the appropriate care of infants, toddlers and young children. Students will have hands on experience in the preschool classroom. Students will experience a hospital visit to the delivery room learning from the hospital staff.

### **CHILD DEVELOPMENT II COURSE # 22102 A/B**

Grade Level: 9 -12

Course Length: Semester

Students will have the freedom to discuss their future among the pressure of a sex-saturated world. The course will outline healthy relationships, family goals and dreams. The course covers the development and responsibilities of parenting and raising children. Course provides knowledge about the physical, mental, emotional, and social growth and development of children from age 3 to preschool. This will include physical, intellectual, emotional and social stages of becoming a parent. Identify discipline techniques when working with children of various ages and temperaments. The outside of class experience is hands-on experience in the pre-school/kindergarten classroom.

### **CLOTHING, FASHION, FABRICS AND CONSTRUCTION COURSE # 22151 A/B**

Grade Level: 9 -12

Course length: Semester

Prerequisite: None

This course provides knowledge of wearing apparel, sewing and fashion. It emphasizes construction of garments and may include wardrobe planning, including selection, care, and repair. Fashion design, fashion history, the social and psychological aspects of clothing, careers in the clothing industry. They will develop awareness and understanding of fashion, fabrics and clothing construction. Students will design their own project or use a pattern to complete.

**MRVED Online Learning Classes**

MRVED Online Learning Classes are a new aspect to the course catalog this year ('13-14). In conjunction with the other school districts in MRVED, Lakeview has the opportunity to allow three students to take each of these courses. Permission will be granted by administration based on a number of factors including but not limited to: seniority, past academic success, perception of independent work skills, student career interest, and/or other factors at administration's discretion.

**Course Name: BIOMECHANICS**

**Course Length: Semester**

**Grade Level: 11-12**

**Pre Requisite: Computer skills, e-mail skills, familiarity with PowerPoint, Word Processing, and Excel are helpful.**

**Materials: N/A**

**Instructor: Justin Wager, Dawson-Boyd teacher**

**Course Description:**

The biomechanics class is for students interested in learning about how the human body is able to move and generate force. Students will learn about how muscles and bones in the human body work together to perform everyday tasks. The class will also be able to demonstrate ways athletic performance can be enhanced using the information covered during the class. Students will learn about the physics concepts and equations used to calculate velocity, acceleration, force and power. Students will show their knowledge of the topics by completing various assignments, taking quizzes and creating demonstration videos that will be posted online.

**Course Name: ADVANCED ACCOUNTING**

**Course Length: Year**

**Grade Level: 11 or 12 with pre-requisite**

**Pre Requisite: Successful completion (above 80%) in first year accounting course that covers Century 21 Accounting Book through Chapters 1-22.**

**Articulation Available: "Advanced Standing Certificate – Financial Accounting I" (Northern Tech Prep Network)**

**"Principles of Accounting" (SW/WC Service Cooperative)**

**Materials: Text: Century 21 Accounting: Advanced 2012 Update, 9<sup>th</sup> Edition authored by Claudia Bienias Gilbertson, North Hennepin Community College and Mark W. Lehman, Mississippi State University.**

**Materials: Century 21 Accounting: Advanced Online Working Papers and Tests, Peachtree Accounting Software**

**Instructor: Lauri Wyum, Lac qui Parle Valley teacher**

**Course Description**

This course is beneficial for any student who intends to major in any business field in college or would like to extend their accounting knowledge for personal reasons. Advanced Accounting continues the concepts



taught in Accounting and expands on those concepts. Students will be working with corporations that utilize departmentalized accounting.

Students will apply these skills to projects and practice sets. Students will be using online working papers and using accounting software to complete a project. Basic computer skills and email skills are necessary for this course. Students in this course will be required to take a state approved test for Technical Skills Assessment.

Advanced Accounting grades are weighted 80% tests and 20% assignments. If your district requires a Semester Exam grade, the Semester Exam grade is an average of all TEST scores from the two quarters.

**Course Name: RECORD KEEPING**

**Course Length: Year**

**Grade Level: 10, 11, 12**

**Pre Requisite: N/A**

**Materials: Not yet selected**

**Instructor: Kendra Razink, Benson teacher**

**Course Description:**

This course will take you through the basic record keeping skills for a business and the day to day activities that take place in a record keeping office. Some of the topics covered in the class are: Basic record keeping skills, Budgeting, Credit records, Checking account records, Cash receipts records, Petty cash records, Record keeping for sales clerks, charge sales, record clerks, order clerks, accounts payable clerks, small businesses, and payroll clerks, and Financial statements.

Record Keeping is best suited for 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> graders who are interested in learning the basic record keeping skills of a business and who may be interested in taking Accounting.

Computer and email skills are essential for this class.

**Course Name: PHOTOGRAPHY 101**

**Course Length: Semester**

**Grade Level: 10-12**

**Pre Requisite: None**

**Materials: iPad or computer, digital camera, editing software (such as Photoshop, Apps ex: Snapseed, Luminance, iPhoto, PhotoStudioHD, or other online editing software)**

**Instructor: Amanda Beckler, Renville County West teacher**

**Course Description:**

Students will have the opportunity to express themselves using a digital camera.

During the school year, students will be learning how to use some of the basic functions of their cameras to create interesting photos. We will be looking at functions such as aperture, ISO, exposure, composition, and many more. We will also be working with Photoshop and other editing software for enhancement in student work.

Students will take weekly photos that will be reviewed and discussed to help them reach their goals.

**Course Name: THE ART, CULTURE, AND HUMAN EXPERIENCE**

**Course Length: Semester**

**Grade Level:** 9-12

**Pre Requisite:** *Computer skills, e-mail skills, familiarity with PowerPoint, Word Processing, and Excel is very helpful*

**Materials:** *Access to the Internet*

**Instructor:** *Tammy Isfeld, Renville County West teacher*

**Course Description:**

This class is for students interested in learning about life connections to art, culture and the Mediterranean. Topics include but are not limited to: Art and Beauty, Old World Technology, Points in Time that Changed History and How Does this Connect to You. Students will learn through textbook readings and photos, online discussion, online lessons, and some online videos. Assessments include student reflection, daily work, quizzes and activities.

There is also an enrichment opportunity with EF Tours. I am taking a group of interested life learners to Greece in June of 2014 called Athens and the Islands. This would be a great opportunity to take what you have learned and apply it to real travel. There is a fee associated with the trip and it isn't part of the online course. Please contact me if you are interested in finding out more about this opportunity.

**Course Name:** *FAMILY/TEEN ISSUES*

**Course Length:** *Semester*

**Grade Level:** *10-12*

**Pre Requisite:** *N/A*

**Materials:** *Access to a computer*

**Instructor:** *Kaia Bergeson, Yellow Medicine East teacher*

**Course Description:**

Family /Teen Issues Class is for students interested in learning about the family life structure that will affect them as they go through life. Topics include birth order, personality, communication, brain differences in males and females, sexuality, mate selection, engagement, marriage, family planning, divorce, aging and elderly, death and dying, domestic violence, and other family and teen issues.

Learning will happen through online text reading, online discussions, and online lessons. Assessments include student reflection, daily work, quizzes, activities, and forums.