

# DELANO HIGH SCHOOL

2012-2013

## REGISTRATION GUIDE



Home of the Mighty Tigers

700 Elm Avenue East

Delano, MN 55328

[www.delano.k12.mn.us](http://www.delano.k12.mn.us)

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## SECTION ONE

**Welcome to Delano High School!** We hope that your high school experience with us will be filled with many academic and personal successes. In order to generate some of those successes, this registration guide has been prepared to assist you in making intelligent and responsible decisions regarding course selection.

Delano High School prides itself in offering a wide array of learning opportunities. Planning a high school program to meet your unique needs and interests is a process to be taken seriously and one that involves a myriad of choices and decisions. While your success is paramount to us, it begins with personal responsibility to evaluate and plan your course offerings. The following suggestions may help you in this process:

- Discuss your career plans with parents, counselor, advisor and teachers.
- Select courses that meet Delano graduation requirements, Minnesota Academic Standards, and your future educational and career goals.
- Do not select classes based on your friends' choices or the instructor. Your friends will not be with you when you enter college or embark upon a career. Your concentration in a class must be on the course content.
- During the registration process, consider your course selections as permanent. It is difficult to rearrange a student schedule once it is set.

Delano High School utilizes a modified block schedule. Students attend four 90-minute classes per day. This schedule provides numerous opportunities for students to take a wide variety of classes while meeting graduation requirements and Minnesota Academic Standards.

The school year is divided into four terms, each approximately nine weeks long. Most classes are either one or two quarters in length and are identified as such in this guide. A semester class (two quarters), based upon time spent in class, is the equivalent of a full year's worth of work. Students are expected to take four classes in each of these quarters. Students will select courses for the entire year and schedule changes may not be possible. Therefore, we encourage you to look through the courses and select those that enhance your success while at Delano High School and your plans for the future.

## SECTION TWO - SCHEDULING INFORMATION

### **CIS Selection Process and Eligibility Criteria**

College in the Schools (CIS) is a concurrent enrollment program serving Delano High School students by offering college learning while still in the high school. This opportunity gives students direct experience with the pace, academic rigor and individual responsibility inherent in college education. In short, they become real university students taking content specific university courses for both high school and college credit. **In order to be considered for College in the Schools enrollment**, students who are juniors must be in the top one-third of their class academically; seniors must be in the top one-half. One application must be completed and submitted to the office for each course in which you are interested. Other criterion includes your grade point average, application form and prior course work completed. Some courses will include summer work.

## **Project Lead the Way**

The PLTW Pathway to Engineering (PTE) program is a sequence of courses which follows a proven hands-on, real-world problem-solving approach to learning. Throughout PTE, students learn and apply the design process, acquire strong teamwork and communication proficiency and develop organizational, critical-thinking, and problem-solving skills. They discover the answers to questions like how are things made and what processes go into creating products? Students use the same industry-leading 3D design software used by companies like Intel, Lockheed Martin and Pixar. They explore aerodynamics, astronautics and space life sciences. Hello, NASA. Students apply biological and engineering concepts related to biomechanics – think robotics. Students design, test and actually construct circuits and devices such as smart phones and tablets and work collaboratively on a culminating capstone project. It's STEM education and it's at the heart of today's high-tech, high-skill global economy.

### **Earning University of Minnesota credit for Project Lead the Way courses:**

Secondary school students successfully completing Project Lead the Way (PLTW) courses may apply for transcribed college credit from the University of Minnesota-Twin Cities (U of M). The student will receive 3 semester credits per course, subject to the following conditions:

- All requirements for the PLTW course must be satisfied, and the student must achieve an average of 85% or better for the course.
- The college credit exam must be taken and passed with a grade of at least 70%.
- The required fee must be paid. Fee is currently \$100 for Minnesota residents and \$300 for non-Minnesota residents for a 3-credit course
- Grade of S (Pass) appears on the U of M transcript.

### **Introduction to Engineering Design (IED)**

For 9<sup>th</sup> or 10<sup>th</sup> graders, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to proposed problems, document their work, and communicate solutions to peers and members of the professional community.

### **Principles of Engineering (POE)**

Designed for 10<sup>th</sup> or 11<sup>th</sup> grade students, this survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions.

### **Digital Electronics (DE)**

Digital electronics is the foundation of all modern electronic devices such as mobile phones, MP3 players, laptop computers, digital cameras and high-definition televisions. Students are introduced to the process of combinational and sequential logic design, engineering standards and technical documentation. This course is designed for 10<sup>th</sup> or 11<sup>th</sup> grade students.

### **Alternative Courses**

Students who have failed courses, who have transferred to Delano High School or who lack sufficient credits for graduation may employ alternative methods of gaining credit. These methods include accredited online courses, alternative school, and summer school. Application for alternative credits must be made through the counselor and the principal. The student is responsible for transportation to alternative school.

### **Course Selection and Placement**

Every effort is made to place students in the classes of their choice. Priority is given to upper class students. Due to class size limitations and/or scheduling conflicts, it is not always possible to give students their first choices.

### **Credit by Assessment**

Delano High School will provide the opportunity to receive course credits for students who want to test out of a course if the student demonstrates and successfully meets the learner outcomes of that course. Please see the counselor 30 days in advance of the course start date in order to apply for this option.

### **Credit Definition**

**One** credit is issued for successful completion of a course that meets one full block per day for one quarter.

### **Determination of Class Status**

Classifications of students are as follows, based upon earned credits:

Sophomore	14 credits earned at the end of the freshman year
Junior	29 credits earned at the end of the sophomore year
Senior	42 credits earned at the end of the junior year

### **Extension Credits**

Extension credit is credit earned outside the normal school day. Credits earned in the PSEO program are not considered extension credits. A minimum of 50 clock hours equates to one quarter credit. The counselor must approve extension credits. Extension credit is given only for programs that are accredited by the Minnesota Department of Education and/or administrative approval. Tuition, books, supplies and transportation are the financial obligation of the student. Written verification of enrollment in the course and completion of the course from the admissions office of the school must be received by Delano High School. Grades will be accepted from extension courses as either letter grades or satisfactory/unsatisfactory.

### **High School Admissions Requirements**

Successful completion of middle school requirements or administrative decision is necessary for promotion to grade nine. All students enrolled in the high school must be full-time students unless they are also enrolled in the Post-Secondary Enrollment Options plan (PSEO). Home school students who transfer to Delano High School must meet all Delano graduation requirements and Minnesota Academic Standards to receive a diploma.

## Subject Load

Full-time students are required to be enrolled in four classes each quarter unless enrolled in a work experience program.

## SECTION THREE - GRADUATION REQUIREMENTS

### Diploma System

Delano High School awards differentiated diplomas:

- 1) A High Honors diploma
  - 2) A Distinction diploma
  - 3) A Standard diploma
- To receive a High Honors diploma, you must have a grade point average of 3.67 and complete at least 22 credits from a specified group of classes listed below, at least 12 of which must be earned from Group I. A minimum grade of a C is required in each course. Of the 12 credits in Group I, two must be in language arts, two in mathematics, two in science, and two in social studies.
  - To receive a Distinction diploma, you must have a grade point average of 3.33, meet the standard curriculum requirements, and complete all graduation standards.
  - To receive a Standard diploma you must meet all state and local requirements for graduation.

### Diploma Differentiation Courses

#### 2012-2013 HIGH HONORS Qualifying Courses

##### Group I

Advanced Algebra II  
AP American History  
AP Biology  
Chinese III  
Chinese IV  
CIS Calculus I  
CIS Calculus II  
CIS Chemistry I  
CIS Chemistry II  
CIS Economics  
CIS Language Arts 12  
CIS Psychology  
CIS Spanish  
German III  
German IV  
Physics  
Pre-Calculus  
Spanish III  
Technical Writing (senior year)

##### Group II

Advanced Geometry II  
Advanced Language Arts 9  
Advanced Language Arts 10  
Advanced Language Arts 11  
Advanced Math Topics  
Advanced Physical Science 9  
Anatomy and Physiology  
Choirs  
CIS Writing Studio  
Human Behavior  
Intro to Engineering  
Principles of Engineering  
Trigonometry/College Algebra  
Wind Ensemble/Concert Band  
World History II

PSEO courses will be evaluated on an individual basis to determine if they qualify for Group I or Group II.

**GRAD Tests**

The state of Minnesota requires all students graduating have basic skills in writing, reading and math. Students must pass the GRAD portion of the MCA-II tests in Writing (grade 9) and Reading (grade 10) and either pass the Math GRAD test or take it a minimum of three times(grade 11) to receive a high school diploma in the state of Minnesota.

**Graduation Requirements**

To be eligible for a diploma at annual commencement exercises, a minimum of 58 term credits must be earned in grades 9 through 12. The following credits are required and must be successfully completed for graduation. Delano High School does not have an early graduation policy.

For the Classes of 2013 – 2014		For the Classes of 2015 and beyond	
<u>Department</u>	<u>Credits</u>	<u>Department</u>	<u>Credits</u>
Language Arts	8	Language Arts	8
Mathematics	6	Mathematics	6
Science	6	Science	7
Social Studies	8	Social Studies	8
Arts	2	Arts	2
Health	1.5	Health	1.5
Physical Education	2.5	Physical Education	2.5
<u>Electives</u>	<u>24</u>	<u>Electives</u>	<u>23</u>
<b>Total</b>	<b>58</b>	<b>Total</b>	<b>58</b>

**THE FOLLOWING CREDITS ARE REQUIRED AT EACH GRADE LEVEL:**

**Grade 9**

**Language Arts** (2 credits)

- ELA 9, Language Arts 9, or Advanced Language Arts 9

**Mathematics** (2 credits) – complete one of the following three pathways for graduation

- Basic Geometry and Statistics, Basic Algebra, Math Applications
- Quadratic Algebra I, Geometry I, Geometry II, Algebra II
- Advanced Geometry II, Advanced Algebra II, Pre-Calculus

**Science** (2 credits)

- Advanced Physical Science 9 or Physical Science 9

**Social Studies** (2 credits)

- Government and Citizenship

**Physical Education/Health** (2 credits)

## Grade 10

### Language Arts (2 credits)

- ELA 10, Language Arts 10, or Advanced Language Arts 10

### Mathematics (2 credits) – complete one of the following three pathways for graduation

- Basic Geometry and Statistics, Basic Algebra, Math Applications
- Quadratic Algebra I, Geometry I, Geometry II, Algebra II
- Advanced Geometry II, Advanced Algebra II, Pre-Calculus

### Science (2 credits)

- Biology

### Social Studies (2 credits)

- American History or AP American History

### Physical Education (1 credit between grades 10 and 12)

### Health (1 credit between grades 10 and 12)

## Grade 11

### Language Arts (2 credits)

- ELA 11, Language Arts 11, Technical Writing or Advanced Language Arts 11

### Mathematics – finish completion of one of the following three pathways for graduation

- Basic Geometry and Statistics, Basic Algebra, Math Applications
- Quadratic Algebra I, Geometry I, Geometry II, Algebra II
- Advanced Geometry II, Advanced Algebra II, Pre-Calculus

### Social Studies (2 credits)

- CIS Economics
- Geography
- World History

## Grade 12

### Language Arts (2 credits)

- ELA 12, Language Arts 12, Technical Writing or CIS Language Arts 12

### Mathematics – finish completion of one of the following three pathways for graduation

- Basic Geometry and Statistics, Basic Algebra, Math Applications
- Quadratic Algebra I, Geometry I, Geometry II, Algebra II
- Advanced Geometry II, Advanced Algebra II, Pre-Calculus

### Social Studies (2 credits)

- Senior Economics/Sociology or CIS Psychology

## Additional Requirements

Each student must successfully complete additional credits in the following areas:

- **Arts** 2 credits (see list below)
- **Science** General Science and one additional elective credit, Chemistry or Physics (**for the Class of 2015 and beyond**)

- **Technology** 1 credit chosen from the following courses:  
At Delano High School: Advanced Drafting, Computer Artistry, Digital Electronics, Digital Photography, Intro to AutoCAD Drafting, Intro to Engineering/Design, Microsoft Office Suite I, Microsoft Office Suite II, Principles of Engineering, Video Production  
At the Wright Technical Center: Graphic Communications, Engineering I and II, Engineering Design and Development

**Arts: 2 credits from the following list:**

- |                      |                         |
|----------------------|-------------------------|
| Bel Canto Choir      | Intermediate 3-D Design |
| Cinematic Analysis   | Intro to Art            |
| Computer Artistry    | Music Theory            |
| Concert Band         | Sound Revolution        |
| Concert Choir        | Theatre Arts            |
| Digital Photography  | Video Production        |
| Ensemble Choir       | Wind Ensemble           |
| Intermediate 2-D Art |                         |

**SECTION FOUR - OTHER INFORMATION**

**Grade Point System**

Letter grades are issued at the end of each quarter. These grades are translated into numerical values and computed two weeks after the end of each quarter.

Letter grades have the following numerical values:

A = 4.00	C = 2.00
A- = 3.67	C- = 1.67
B+ = 3.33	D+ = 1.33
B = 3.00	D = 1.00
B- = 2.67	D- = 0.67
C+ = 2.33	F = 0.00

**NCAA Eligibility Requirements for Athletes**

In order to participate in NCAA Division I or II athletics, the student must meet the requirements of and register with the NCAA Eligibility Center’s web site at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)

**On-Line Learning Guidelines**

The following are simply guidelines for the on-line learning program at Delano High School. Complete discretion to deviate from the recommendations below rest with the administrative team in the high school office.

- **Criteria:** Students who are having difficulty passing a course may be offered an opportunity for remediation via an on-line learning option. The counselor and teacher will coordinate with the on-line learning coordinator in order to best suit the needs of the student.
- **Credit:** Credit for on-line courses will be approved by the counselor or administration.

- **Test out Option:** Students who wish to earn required credit for an on-line course will complete the on-line course followed by taking the final exam of the required course. The final exam will then be scored by Delano High School staff to determine if the requirements of the course have been met.

### **Post Secondary Enrollment Options (PSEO) Plan**

Junior and senior students have the opportunity to enroll in the PSEO program. Please see the counselor for further details.

### **Weighted Courses**

Additional numeric weight is given to all AP and CIS courses. Weighted courses receive an additional .66 value on a 4.0 grading system. A dual system of reporting will be used. Weighted grade point averages will be used to determine rank in class, Honor Five and all honor rolls. **CIS Writing Studio will not be weighted as a class.**

### **Withdrawal from Class**

After the school year has started, class schedule changes will be made only in exceptional cases. Students may withdraw from a class within the first five school days of the quarter unless unusual circumstances occur. These circumstances will be approved on an individual basis by the counselor and an administrator.

# ART

The visual arts are much more than creating pretty pictures to hang on your wall or stick on your refrigerator with a magnet. The visual arts are a whole different language based on line, color, texture, value, space and movement. Artists use these elements of design to express emotions, points of view, beauty, nature, faith, love and also anger, hatred and fear. Art has as much visual variety as the written language has stories. It can be realistic or totally abstract; it can represent what is beautiful in our world or what is ugly in our world. Students must learn to express themselves and their ideas through the use of the elements and principles of art. They must research examples of art of different mediums, styles and cultures to learn this unique language. They must experiment with different artistic materials and be willing to expand their knowledge of art through the process of experiencing the world. A good art program does not only allow students to process beauty, but allows them the opportunity to express the variety of emotions and opinions that young adults are faced with in this ever changing society and world.

## **INTRODUCTION TO ART (101)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Students in this class will work in a variety of artistic mediums. If you would like to take art but are not confident in your drawing abilities, this is the class for YOU! We begin slow and build upon your drawing skills. Pencil, colored pencil, painting, and ceramics are the main areas that will be covered in this course.

## **INTERMEDIATE 2-D DESIGN (102)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Introduction to Art

This class is available to students who have successfully completed Introduction to Art. Emphasis will be placed on creativity, originality, and self-expression in two-dimensional artwork. Students will work as a class to present a quality exhibition of artwork to the public.

## **INTERMEDIATE 3-D DESIGN (103)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Introduction to Art

This class is available to students who have passed Introduction to Art. Emphasis will be placed on creativity, originality and self-expression in three-dimensional art forms. Students will work as a class to present a quality exhibition of artwork to the public.

## **COMPUTER ARTISTRY (106)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Introduction to Art

Students will create graphic images using computers. Learning basic techniques such as editing, saving, importing and creating artistic images will be the focus of this class. Each student will create a website showing and explaining the works they create in class. Students will work to present a quality exhibition for the enjoyment of the school and community.

**DIGITAL PHOTOGRAPHY (105)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Make use of your digital cameras! Learn how to improve your photography skills. Have fun shooting, improving, combining, and creating with your digital images. You must have your own digital camera to take this course.

**VIDEO PRODUCTION (108)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Video production is a course designed to assist students in gaining the skills necessary for editing and creating videos. This introductory course will also be designed to assist in the creation and development of announcements for the high school.

# BUSINESS EDUCATION

The Delano High School Business Education Department will provide students a top quality business and technology learning experience. Through a variety of course offerings, students will learn necessary business and technology skills that will prepare them for a successful future in today's world. Whatever a student's future plans and career goals are, business and technology skills will surely give them a great opportunity to succeed.

**Articulated College Credit Agreement:** Delano High School has an articulation agreement with several local colleges. By enrolling in selected courses, students will have the opportunity to earn post-secondary credits at various technical and community colleges in Minnesota. In addition, other universities and colleges in the area may accept these credits as transfer credits. College credits can be earned if the student meets college achievement standards. Depending on the course, standards are met through course completion and/or the passing of the final exam at a designated percentile.

## **MICROSOFT OFFICE SUITE I (214)**

GRADES: 9-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

*\*\* Articulated College Credit in this course*

In this course, students will learn to use the Microsoft Office System, focusing primarily on Microsoft Word. Topics include basic Word use, editing, helpful Word features, formatting of text, paragraphs and documents, desktop publishing and increasing efficiency in Word. The course will also cover the proper procedures and formatting guides for business communication documents, preparing students to communicate professionally in today's business world.

## **MICROSOFT OFFICE SUITE II (215)**

GRADES: 9-12

LENGTH: 1 Quarter

*\*\* Articulated College Credit in this course*

In this course, students will learn the Microsoft Office System. The course will cover Microsoft Excel (spreadsheets), Access (databases) and PowerPoint (presentation graphics) in detail, as well as units in Microsoft Outlook (email and calendar) and Publisher (desktop publishing).

## **BUSINESS MATH (201)**

GRADES: 10-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

This course will prepare students to apply mathematical processes to real-world, business situations. Topics will include payroll, banking services, loans and credit cards, home and car purchasing, insurance and investments, business data analysis, business technologies, inventories, business costs, sales and marketing and business profits and loss.

**OFFICE PROCEDURES (203)**

GRADES: 10-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

PREREQUISITE: Keyboarding or  
Microsoft Office Suite I

This course will prepare students to effectively and efficiently work in an office setting. With so many of today's occupations requiring office skills, this course will prepare students for their future, regardless of their specific path. Topics will include communication, office competencies, processing and understanding financial information, time and workstation management, meetings and business travel, records management and career preparation.

**PERSONAL FINANCE (206)**

GRADES: 10-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

*\*\* Articulated College Credit in this course*

This course provides instruction in personal and business financial management in today's world. Effective financial management is a must for all students, regardless of their future. This course will provide a great foundation of knowledge and tools - enabling students to move into their future with a head start towards strong financial management - maximizing their financial potential. Topics will include investment planning, credit management, banking services, expenditure decisions, income and asset protection, insurance and budgeting.

**WEB PAGE DESIGN (225)**

GRADES: 10-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

In this course, students will learn the basics of building and maintaining a web site. Students will master a variety of web design concepts to create powerful websites ready for the World Wide Web. Course topics include web site purpose, target audience, web site basics, creating web sites, pages, and sheets; incorporating images and links into web sites, and working with templates and styles. Using one of industries most popular authoring programs, Microsoft Expression Web 3, students will design websites that are practical to the business world as well as a student's personal professional development.

**ACCOUNTING I (220)**

GRADES: 11, 12

LENGTH: 1 Semester

CREDIT: 2 Credits

*\*\* Articulated College Credit in this course (2 credits)*

This is an introductory course to the basic accounting procedures - including analyzing and recording business transactions, handle cash and banking procedures, prepare payroll, completing financial statements and complete the accounting cycle.

**ACCOUNTING II-QUICKBOOKS (209)**

GRADES: 11, 12

LENGTH: 1 Quarter

CREDIT: 1 Credit

PREREQUISITE: Accounting I

In this course, students will learn how to apply accounting concepts and processes for a corporation using QuickBooks Pro - a real-world accounting software program.

**PERSONAL-BUSINESS LAW (202)**

GRADES: 11, 12

LENGTH: 1 Quarter

CREDIT: 1 Credit

*\*\* Articulated College Credit in this course*

This course is an introduction to the principles of law as they apply to citizens and business. Topics include the legal system in the United States, ethics, the court system, the law in federal, state and local levels, as well as criminal and civil law. The course will also include case studies and the process of determining the point of law of different types of cases.

**SPORTS/ENTERTAIN/MARKETING (230)**

GRADES: 11, 12

LENGTH: 1 Quarter

CREDIT: 1 Credit

In this course, students will develop an understanding of basic marketing concepts and theories – as they apply to the sports and entertainment industries. The course will include the history of sports and entertainment marketing, marketing basics, sports and marketing as a product, promotions, economics, sales and legal issues. Students will also have the opportunity to engage in many hands-on projects.

# FAMILY AND CONSUMER SCIENCES

**Articulated College Credit Agreement:** Delano High School has an articulation agreement with several local colleges. By enrolling in selected courses, students will have the opportunity to earn post-secondary credits at various technical and community colleges in Minnesota. In addition, other universities and colleges in the area may accept these credits as transfer credits. College credits can be earned if the student meets college achievement standards. Depending on the course, standards are met through course completion and/or the passing of the final exam at a designated percentile.

## **FOOD, FAMILY AND FRIENDS (405)**

GRADES: 9  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

This 9th grade class centers on positive relationships and communication between friends and family members. We look at personality, attitude, and our environment in an effort to know ourselves and enable each person to reach their highest potential. Snack foods are prepared to encourage interaction with new and old friends while practicing food preparation skills. Materials fee.

## **CHILD DEVELOPMENT (407)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

\*Possible articulated college credit in this course

Child Development is a specialized course that prepares students to understand the physical, social, emotional, and intellectual growth and development of children from conception through age 5. If a career in education, pediatric medicine, social work, child care, or parenting is appealing; this may be an important course for you. Students will have an opportunity to use the infant simulators.

## **CLOTHING/PERSONAL FASHION I (440)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Learn the theory behind clothing and its design. Fact and research will combine with your creativity, resulting in an original design portfolio. Color theory, garment terms, design elements and principles are studied. We will cover the hot topic of "appropriate" dress for school, work and leisure. To experience fashion from the inside, we will construct a pair of pajama pants. Cost of this project is based on the student's choice of fabric. Materials fee.

## **HOUSING AND INTERIOR DESIGN I (401)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

This is a course for anyone interested in basic architecture, home building, furnishing, decorating and creativity within their living environment. Many careers use the material covered in this course, in addition to anyone interested in personalizing their home. Students will learn design elements and decorating principles. They will participate in exterior and interior design challenges. Students will coordinate floor plan features, color, style and furnishings in a final design project.

**SEWING EXPERIENCES (415)**

GRADES: 9-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit

A creative class that is centered on sewing by hand and machine (no experience necessary!). Students will select a useful duffel-type bag kit to purchase and construct in their choice of colors. This course offers experience on the standard sewing machine and the computerized embroidery sewing machine. Also included are life-long hobby skills of patchwork, counted cross-stitch, embroidery and beading. Materials fee.

**ADVANCED FOODS (403)**

GRADES: 10-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit  
 PREREQUISITE: Cooking in the 21<sup>st</sup> Century

\*Possible articulated college credit in this course

There are many careers that apply foods knowledge and skills. This is a course that refines and expands what was introduced in Cooking in the 21<sup>st</sup> Century. Preparing meats, fish, salads, pastry, eggs, and complete meals are included in this course. Yes, there is plenty of eating to be enjoyed and products to be proud of! Lab Fee of \$45.00

**CLOTHING/PERSONAL FASHION II (445)**

GRADES: 10-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit  
 PREREQUISITE: Clothing and Personal Fashion I

This class continues challenges in design and creativity. Wardrobe planning and

personal style solutions will be documented. Fashion designers are researched as are job opportunities in the fashion world. The student's choice of a more difficult garment will be constructed (cost based on student choice). Students will also re-design and recycle an old or unused garment of their own. A student-produced fashion show is a possibility to feature the creative garments from the class.

**COOKING IN THE 21ST CENTURY (406)**

GRADES: 10-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit

\* Possible articulated college credit in this course

Nutritious meal planning, skilled food preparation, intelligent shopping, and recipe use are all part of this course applies cooking to everyday needs. This course is valuable to those planning a career in foods or students having a desire to develop independent cooking skills. Lab Fee of \$20.00.

**HOUSING AND INTERIOR DESIGN II (410)**

GRADES: 10-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit  
 PREREQUISITE: Housing and Interior Design I

Students will continue a more in-depth study of architectural styles and building procedures. World famous and locally famous (trend setting) architects will be researched. Environment and "green" theories will be discussed and documented: "McMansions vs. the Not So Big House" (Susanka), renewable resources vs. cost, and urban sprawl vs. smart space. Interior design theories will become more specific with challenge

projects for the students to demonstrate their creativity and problem solving design ability.

**INTERNATIONAL FOODS (404)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

This is a class that explores cultures and their foods. Both regional and foreign foods will be prepared in an atmosphere of travel and adventure. As we travel around the US there is an array of foods specific to the state or region that we will sample. Then we will explore the foods of Europe, South America, Africa, the Mediterranean, Asia, Australia, or the South Pacific. We will note the native foods of a country after which we will prepare their traditional dishes. This class is both educational and fun. Lab Fee of \$45.00.

**RELATIONSHIPS (408)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Maintaining friends, continuing family interactions, having positive, safe, and supportive dating relationships and

establishing a strong, long-lasting marriage are the core concepts of this class. Also included are effective roommate and work place relationships. Skills stressed will be self-awareness and acceptance, friendship building, caring attitudes, dating basics, marriage guidelines, and appropriate workplace behavior.

**SURVIVAL SKILLS (450)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

This course will cover the basics of getting and keeping a job, renting an apartment (your rights and leases), preparing inexpensive meals and maintaining your car. Other topics include money management (checks, debit cards, credit cards, scams, internet purchasing, wise consumer research and choices), clothing care and repair, decision making, balancing your life (work/personal/recreational), and interacting with others around you. Class project includes sewing a fleece hoodie. Materials fee

# LANGUAGE ARTS

Each student **must** take two credits of Language Arts each year. Most students will be enrolled in the grade level Language Arts course. Some students will take Exploring Language Arts (ELA), some the Advanced Language Arts (Adv LA) series, and some the Technical Writing course. Placement in Exploring Language Arts, the Advanced Language Arts series, and Technical Writing is by written Language Arts teacher recommendation from your prior year teacher. The Advanced Language Arts classes at Delano High School are college preparatory in nature; therefore, students may be exposed to content that contains mature elements.

## REQUIRED LANGUAGE ARTS CLASSES

- Grade 9** ELA 9 **OR** Language Arts 9 **OR** Adv LA 9  
**Grade 10** ELA 10 **OR** Language Arts 10 **OR** Adv LA 10  
**Grade 11** Language Arts 11 **OR** Adv LA 11 **OR** Technical Writing 11-12  
**Grade 12** Language Arts 12 **OR** CIS Literature and Composition **OR** Technical Writing 11-12

## EXPLORING LANGUAGE ARTS 9 (630)

GRADES: 9  
LENGTH: 1 Semester  
CREDIT: 2 Credits

This course specializes in the fundamentals of writing and reading for students in grade nine. The mechanics of written communication will be studied through sentence structure, paragraph development, and essay writing. Improvement of reading rate and comprehension is also a primary goal in this course. This class fulfills the ninth grade Language Arts requirements. Students will prepare for the Minnesota State Writing test. Admission is based on evaluation of reading and writing skills.

## LANGUAGE ARTS 9 (640)

GRADE: 9  
LENGTH: 1 Semester  
CREDIT: 2 Credits

Students will plan, organize, and compose descriptive and expository writing to address a specific audience and purpose in preparation for the

Minnesota State Writing test. Students will read the ninth grade literature anthology and apply a variety of strategies to expand vocabulary. The student will read informational, expository, and persuasive texts, using a variety of strategies and will demonstrate literal, interpretive, inferential and evaluative comprehension. The student will respond to, analyze, interpret, and evaluate a wide variety of fiction and nonfiction selections including Romeo and Juliet, Fahrenheit 451, To Kill a Mockingbird and selected short stories and poetry.

## ADVANCED LANGUAGE ARTS 9 (600)

GRADE: 9  
LENGTH: 1 Semester  
CREDIT: 2 Credits

Advanced Language Arts 9 students will read, analyze and evaluate traditional, classical and contemporary works of literary merit from civilizations and countries around the world. Students will plan, organize and compose expository and descriptive writing to

address a specific audience and purpose, applying the Advanced Six Traits of Writing. Students will complete an Academic Standard in poetry with 16 literary devices. Students will prepare for the Minnesota State Writing test. Students will engage in a high level of language arts study aimed at helping them prepare for College in the Schools and college study. The focus will be on the refinement of writing, creative and analytical, speaking, listening and critical thinking skills through exploration of ideas, themes and issues in literature. Summer work required.

**EXPLORING LANGUAGE ARTS 10 (631)**

GRADES: 10  
LENGTH: 1 Semester  
CREDIT: 2 Credits

This course specializes in the fundamentals of writing and reading for students in grade ten. The mechanics of written communication will be studied through sentence structure, paragraph development, and essay writing. Improvement of reading rate and comprehension is also a primary goal in this course. This class fulfills the tenth grade Language Arts requirements. Students will prepare for the Minnesota State Reading test. Admission is based on evaluation of reading and writing skills.

**LANGUAGE ARTS 10 (650)**

GRADE: 10  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Successful completion of Language Arts 9

This course includes most facets of communications including literature and literacy analysis, composition, vocabulary development, grammar, revising, research, and critical thinking.

Content Area Reading Strategies will be included in the classroom structure to help students improve reading, comprehension and prepare for the Minnesota State Reading test. In addition, students will utilize these reading strategies as they interpret, analyze, and evaluate persuasive and informative essays, short stories, poetry and major literary works such as To Kill a Mockingbird, Color of Water, and Antigone. Students will also write clearly and coherently for a variety of purposes as they explore the creative, narrative, informative, reflective and persuasive form.

**ADVANCED LANGUAGE ARTS 10 (633)**

GRADE: 10  
LENGTH: 1 Semester  
CREDIT: 2 Credits

This class challenges students who have a serious interest in the study of the English language. The teacher must, in writing, recommend students from the preceding year for Advanced English. Summer work or prior quarter work is required before enrollment will be granted. Students will apply their analytical and writing skills to evaluate nonfiction, short stories, poetry and major literary works such as For Whom the Bell Tolls, Grapes of Wrath, All the King's Men, Julius Caesar, and Color of Water. In addition students will work on enhancing vocabulary and grammatical skills for improved reading comprehension and writing performance, along with preparation for the Minnesota State Reading Test.

**LANGUAGE ARTS 11 (660)**

GRADE: 11  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Successful completion of Language Arts 10

Language Arts 11 examines British/World Literature within the context of historical settings. Students will explore an assortment of literature representative of the Old English, Middle Ages, Renaissance, Romantic, Victorian, and Modern/Post Modern periods. Identifying credible sources, developing an effective note taking system and thesis statement, exploring the writing process, and producing internal and external documentation contribute to the research elements of this class. Assessments include discussion, essay tests, research writing, group projects, and presentations.

**ADVANCED LANGUAGE ARTS 11 (635)**

GRADE: 11  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Prior Language Arts  
Instructor recommendation

Advanced Language Arts 11 employs World and British literature and composition creation. Students who have a serious interest in the study of the English language are encouraged to enroll. It is a preparatory class for CIS Literature and Composition offered in Grade 12. Topics include various literary genre, styles, and authors. Students will apply their analytical and writing skills to closely study significant authors, themes, and styles. The teacher must, in writing, recommend students from the preceding year for Advanced Language Arts 11. Summer work or prior quarter work is required before enrollment will be granted.

**CIS LITERATURE AND COMPOSITION (690)**

GRADE: 12  
LENGTH: 1 Semester  
CREDIT: 2 Credits – 8 U of M credits

This course is taught through the University of Minnesota and successful completion will earn the student eight undergraduate credits in English. Students are expected to complete summer work before enrollment will be granted. Extensive literature study and language composition will require more effort than other Language Arts classes. The focus of the class is reading, intensive discussion, and reacting in written form to a variety 20<sup>th</sup> Century literature. This course will focus on the writing process. A personal narrative, an ethnography, a research/trend analysis paper comprise the major writing assignments in this course.

*Acceptance is based on CIS panel approval of completed application and instructor recommendation.*

**CIS WRITING STUDIO (685) (ELECTIVE)**

GRADES: 11-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITES: Students must have a GPA of 3.0 or better, pass MCA exams in reading and writing, complete the CIS application form and be in the academic middle (between the top 50% and 20%) of their class. The class will be capped and limited to 22 students. If the class does not fill to capacity, the instructor may use discretion and make allowances for students who do not meet the established requirements and add them to the class. Writing samples may be required for acceptance into this class. This course is taught through the University of Minnesota and successful completion will translate into college elective credit in most cases.

This **ELECTIVE** course will introduce you to basic writing strategies you will need for college-level courses. You will practice

writing frequently and get regular instructor feedback. By the end of the class you will have written papers which describe your personal experience, analyze the experiences of others, critique ideas in readings, argue for or against recommendations found in articles, and have done library research on a topic related to education. All of this should give you a good foundation for college-level writing.

**LANGUAGE ARTS 12 (680)**

GRADE: 12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Successful completion of Language Arts 11

The course will examine writing style, oral and written communications, and the structure of writing. Students will write multi-paragraph themes, short essays, and weekly writings, completing a variety of essays. Students will plan and participate in a formal policy debate. This course also presents a survey of American literature with an emphasis on cultural diversity and authors who represent the development of American thought. Discussions and essays about American culture, philosophy, and

analysis will be entered through works by Walker, Chopin, Miller, and Fitzgerald.

**TECHNICAL WRITING (670 AND 672)**

GRADES: 11, 12  
LENGTH: This course is a two-year sequence.  
CREDIT: 4 Credits  
PREREQUISITE: Successful completion of Language Arts 10. Previous Language Arts teacher written recommendation is required.

This course combines literature and writing. The objectives of the journalism portion are two-fold: to learn the technical and writing skills used in production of a general news publication and to produce the yearbook and newspaper. Journalism skills include interviewing, research, writing, editing, design, layout, and photography. In the literature portion, students will read, discuss, and react in writing to selections of literature. British/World and American literature will be taught on alternate years. A formal research paper will be written. Students will also execute a formal debate.

**QUARTER ELECTIVES IN LANGUAGE ARTS**

**CINEMATIC ANALYSIS (612)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

This combination of seminar and screening allows students to learn the techniques and terminology of Cinematic Analysis. Students will focus on popular films with high school students. The course will cover techniques such as narrative analysis, film-making, and performance studies.

Students will investigate storyline, setting, technical properties, casting, cost, success at the box office/cable/satellite/DVD sales, and marketing.

**MASS MEDIA COMMUNICATIONS (620)**

GRADES: 9-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit

The electronic and print media together constitute one of the centrally important factors in 21<sup>st</sup> century public and private spheres. Increasingly, the gathering, analysis, interpretation, storing and presentation of information in several media pervasively influence contemporary life. The primary goal in Mass Media Communications is an understanding of the following: mass media roles in our society, media roles in relation to teens, and media as business organizations facilitating economic life.

**THEATRE ARTS (637)**

GRADES: 9-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit

Students will demonstrate a literacy of the language of stage and/or screen, know how to analyze a dramatic performance, understand the structure of a theatrical production in various historic times, and be able to discuss the effects of a live versus filmed performance. Students will be able to identify aspects of the theater experience that combine to produce a play; they will critique performances and the contributions of the director, actors, and designers through experience of live performance.

**CREATIVE WRITING (655)**

GRADES: 10-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit

Goals and outcomes include to write in a way no one ever has before, to say something fresh each time, to recognize other writers' creativity and to think of writing as a creative art. The short story and poetry forms will be undertaken.

**HUMANITIES (618)**

GRADES: 10-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit

Humanities are a study of how people express themselves. It is a study of how individual expression influences society. This Humanities course studies several different ways in which people express themselves, including visual arts, music, literature, religion, philosophy, history, and media. The expressions of people who have made major contributions to the development of society and student reaction to these contributions highlight this class.

**MYTHOLOGY (614)**

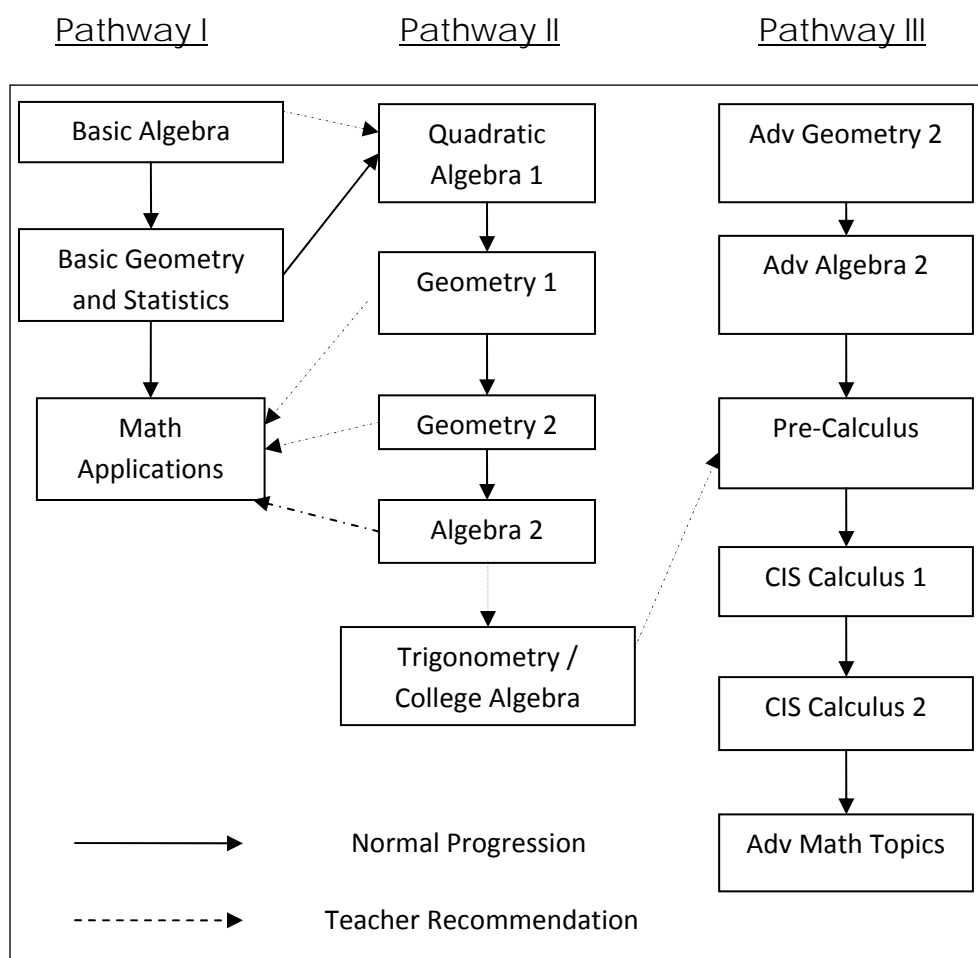
GRADES: 10-12  
 LENGTH: 1 Quarter  
 CREDIT: 1 Credit

Mythology comprises the major scientific, religious, social, and literary theories of civilization. This class studies the myths and mythological themes from various times and numerous lands and examines their impact on the contemporary world.

# MATHEMATICS

*College bound students should follow pathway 2 or pathway 3. A graphing calculator is required for pathways 2 and 3. A Texas Instrument calculator is recommended. To meet the **MINIMUM** requirements for most Colleges and Universities, you must complete at least through Algebra II.*

It is strongly recommended that students who do **NOT** plan to go beyond Algebra II take only one math course in their freshman year and only one math course in their sophomore year.



## **BASIC GEOMETRY AND STATISTICS (707)**

GRADES: 10  
 LENGTH: Semesters  
 CREDIT: 2 Credits  
 PREREQUISITE: Basic Algebra

This course includes basic geometry and statistics skills needed to prepare for the MCA III/GRAD Math test. It will introduce topics such as lines, angles, perimeter, volume, and coordinate geometry. It will also include basic statistics and probability concepts.

**BASIC ALGEBRA (708 and 709)**

GRADE: 9  
 LENGTH: Year-long skinny  
 CREDIT: 2 Credits  
 PREREQUISITE: Teacher recommendation

This course includes pre-algebra and algebra skills needed in preparation for the MCA II/GRAD Mathematics test. The topics covered in this course include expressions, equations, and real number properties and other algebra topics.

**MATH APPLICATIONS (705)**

GRADES: 11-12  
 LENGTH: 1 Semester **or** Year-long skinny  
 CREDIT: 2 Credits  
 PREREQUISITE: Basic Geometry and Statistics and Basic Algebra or teacher recommendation

Math Applications is designed to prepare students for the MCA III/GRAD Mathematics test. Topics include working with integers, equations, graphing, percents, probability, lines, angles, formulas, transformations, congruence, similarity, surface area and volume.

**QUADRATIC ALGEBRA I (710)**

GRADES: 9-11  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits

This course uses the properties of the real number system. A major emphasis is placed on solving equations and inequalities with one or more variables. This course includes polynomials, their simplification, factoring, and solving quadratic equations.

**GEOMETRY I (715)**

GRADES: 9-11  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits  
 PREREQUISITE: Quadratic Algebra I

This is an introduction to formal geometry involving points, lines, and planes. You will actively participate in collecting and organizing the many geometric facets and formalizing a theory of geometry.

**GEOMETRY II (725)**

GRADES: 9-12  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits  
 PREREQUISITE: Geometry I or teacher recommendation

This course will complete the Geometry text and covers chapters 1(algebra review)-6 (polynomials) of the Algebra II text. Geometry concepts that are discussed include perimeter, area, surface area, volume of one and two dimensional objects, and locus in two and three dimensions. The algebra portion will be focused on reviewing algebra, linear equations, solving systems of equalities and inequalities, using matrices, graphing parabolas, and studying quadratic and polynomial functions. A graphing calculator is required for this course.

**ALGEBRA II (735)**

GRADES: 10-12  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits  
 PREREQUISITE: Geometry II or Advanced Geometry II

This course is a continuation of Geometry II. Topics include matrices, similarity, sequences and series,

trigonometry and probability and statistics. Chapters 7 (exponents) through 14 (trigonometry) of the Algebra II text are covered. A graphing calculator is required for this course.

### **TRIGONOMETRY/COLLEGE ALGEBRA (745)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Advanced Algebra II or Algebra II, **grade of C or higher both quarters**

This course will analyze and apply trigonometric functions to the solution of triangles and other geometric figures. Trigonometric identities, inverses and solving trigonometric equations will be studied. Exponents, polynomials, inequalities, functions, factoring, conic sections, sequences and series and probability will also be covered in this course. A graphing calculator is required for this course.

### **ADVANCED GEOMETRY II (730)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Advanced Geometry I

This course completes the Geometry text and covers chapters 1 (algebra review) through 7 (exponents). The course covers the same material that is covered in Geometry II in addition to added topics of complex numbers and trigonometry. This course is especially recommended for technical or college bound students and is a prerequisite to Pre-Calculus. A graphing calculator is required for this course.

### **ADVANCED ALGEBRA II (740)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Advanced Geometry II

This course is a continuation of Advanced Geometry II. Topics include matrices, logarithms, trigonometry sequences and series, and probability and statistics. Chapters 8 (logarithms) through 14 (trigonometry) of the Algebra II text are covered, as well as a graphing calculator unit. A graphing calculator is required for this course.

### **PRE-CALCULUS (750)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Advanced Algebra II or Trigonometry and College Algebra grade of B- or higher both quarters is recommended

This course is a further extension of analytical geometry, sequences, series, complex numbers, polynomial functions, and trigonometry. An introduction to vectors, limits, logarithmic functions, and matrices will also be included. This course is recommended for technical or college bound students. A graphing calculator is required for this course.

### **ADVANCED PRE-CALCULUS (752)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Advanced Algebra II, grade of B- or higher is recommended

This course is a further extension of analytic geometry sequences, series, complex numbers, polynomial functions, and trigonometry. Limits and derivatives will also be introduced. A graphing calculator is required for this course.

**DIGITAL ELECTRONICS (DE) (747)**

GRADES: 10-12  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits  
 PREREQUISITE: Grade of B or higher in Geometry II

This course studies electronic circuits used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices such as cell phones, MP3 players, laptop computers, digital cameras and HD televisions. The major focus is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. A strong mathematical background is essential for success in this course. DE is one course in the Project Lead the Way sequence.

**Earning University of Minnesota credit for Project Lead the Way courses:**

Secondary school students successfully completing Project Lead the Way (PLTW) courses may apply for transcribed college credit from the University of Minnesota-Twin Cities (U of M). The student will receive 3 semester credits per course, subject to the following conditions:

- All requirements for the PLTW course must be satisfied, and the student must achieve an average of 85% or better for the course
- The college credit exam must be taken and passed with a grade of at least 70%
- The required fee must be paid. Fee is currently \$100 for Minnesota residents and \$300 for non-Minnesota residents, for a 3-credit course
- Grade of S (Pass) appears on the U of M transcript

**CIS CALCULUS I (755)**

GRADES: 11, 12  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits  
 PREREQUISITE: Pre-Calculus

CIS Calculus I covers the material found in most college level Calculus I courses. Limits, differentiation, integration and their applications are the basic foundation of the course. A graphing calculator is required for this course. You will be eligible to take the Advanced Placement Calculus Exam (AB) upon completion of this course.

**CIS CALCULUS II (760)**

GRADES: 11, 12  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits  
 PREREQUISITE: CIS Calculus I

This class is concerned with further development of the student's understanding of the concepts of calculus and providing experience with its methods and applications. It is an extension of topics from CIS Calculus I and students will be eligible to take the Calculus AB and/or the Calculus BC Advanced Placement exams.

**ADVANCED MATH TOPICS (770)**

GRADES: 11, 12  
 LENGTH: 1 Semester  
 CREDIT: 2 Credits  
 PREREQUISITE: Pre-Calculus

This course will explore topics not covered in traditional math courses as well as review algebra, geometry, and trigonometry. A unit on fractals will be included. Problem solving will be emphasized.

# MUSIC

The main function of the Music department is to instill a basic understanding and appreciation of music as an art form. It is also our goal to establish the relationship of music to other arts, the sciences, and to society now and throughout history. This is done by offering performance experiences in one of several large groups, involvement in solo and ensemble performance, and private lessons. Courses in music theory and appreciation are also offered.

## BAND AND/OR CHOIR STUDENTS

### MUSIC THEORY (860)

GRADE: 11 – 12  
LENGTH: 1 Semester  
CREDIT: 2 credits

Music Theory will be a one semester class that will explore Western Civilization Music Theory (scales, melody, counterpoint, composition, harmony, etc...). This class will be offered as a semi-independent study class where students will be required to take initiative to work by themselves in conjunction with a textbook, online resources, and classmates. Students will

have access to Mr. Beard and Mr. Koets twice a week in a 'forum/lecture' setting where new information will be explored and questions will be clarified. Students taking this class will prepare for the AP music theory exam in the spring of the year. **Students must have permission from Mr. Beard or Mr. Koets to take this class.**

## THE DELANO HIGH SCHOOL BANDS

The Delano High School Bands perform and study music both traditional and new, with an enthusiastic commitment to professionalism, excellence, and stylistic integrity. These courses make band performance an option for all Delano High School students. The Concert Band and the Wind Ensemble require a great deal of commitment.

### CONCERT BAND (823 and 825)

GRADE: 9 - 10  
LENGTH: Year course  
CREDIT: 2 Credits upon completion of the entire year

Concert Band is a course designed to teach the language of music and increase musical skills through class work, lessons, solo or large group

performance. Musical knowledge will be gained through daily rehearsal, individual practice and performance within pep band and concert settings. Concert attire of black pants and a white shirt is required for concert performances, and a pep band shirt (about \$15.00) is required for pep band.

**WIND ENSEMBLE** (819 and 821)  
GRADES: 10 - 12  
LENGTH: Year course  
CREDIT: 2 Credits upon completion of the entire year

Wind Ensemble is a course designed to teach the language of music and increase musical skills through class work, solo or large group performance.

Musical knowledge will be gained through daily rehearsal, individual practice and performance within pep band and concert settings. Concert attire of black pants and a white shirt is required for concert performances, and a pep band shirt (about \$15.00) is required for pep band.

## THE DELANO HIGH SCHOOL CHOIRS

The Delano High School choirs perform and study music, both traditional and new, with an enthusiastic commitment to professionalism, excellence and stylistic integrity. Three major choral groups make choral performance an option for all Delano High School students. The Concert Choir and Bel Canto Choir are selected by audition, a comfortable way of placing you with just the right group of voices. **All new prospective choir students in grades 10-12 are required to contact the instructor for a short audition prior to registration.** Auditioning is simple. No prepared song is needed. Just come as you are.

**ENSEMBLE CHOIR** (835 and 837)  
GRADE: 9  
LENGTH: Year course  
CREDIT: 2 Credits upon completion of entire year

The Ensemble Choir is for ninth graders. The choir will perform SAB (soprano, alto, and bass) music that covers a wide range of choral styles from music of the Renaissance to contemporary pop and jazz. It will meet every day. Attendance at performances is required.

**Choir assignments for grades 10-12 will be determined according to the results of a skill-based audition.**

**Admission is by director's approval only for the following courses.** Attendance at performances and the large group choral competition is required. Limitations on class size are dependent on ensemble balance.

**BEL CANTO** (850 and 852)  
GRADES: 10 - 12  
LENGTH: Year course  
CREDIT: 2 Credits upon completion of the entire year  
PREREQUISITE: Ensemble Choir **AND/OR** Director Approval

Bel Canto is an upper-class women's ensemble that will meet every day. The choir will sing a variety of repertoire specific to women's voices. They will take part in the major concerts of the year as well as send singers to festivals throughout the region.

**CONCERT CHOIR (830 and 832)**

GRADES: 10-12

LENGTH: Year course

CREDIT: 2 Credits upon completion of the entire year

PREREQUISITE: Ensemble Choir **OR** Bel Canto Choir

The Concert Choir performs at various concerts and contests throughout the school year. The choir sings SATB (soprano, alto, tenor, bass) music that covers a wide range of choral styles from the music of the Renaissance to contemporary pop and jazz. It will meet every day.

**SOUND REVOLUTION (855 and 860)**

GRADES: 10 - 12

LENGTH: Year course

CREDIT: 2 Credits upon completion of the entire year

PREREQUISITE: Ensemble Choir **AND/OR** Bel Canto Choir

\*\*\*Concurrent enrollment in Concert Choir is mandatory to participate in this group\*\*\*

This select group will contain between 16 and 30 members. It will consist of students in Concert Choir who are interested in challenging themselves musically. This group will actively perform in the community at events for the school and the City of Delano. Students in this group will sing a wide variety of music, with more emphasis on pop, jazz, and chamber music. They will also sing in each concert throughout the year.

# PHYSICAL EDUCATION/HEALTH

The purpose of Physical Education is to provide a variety of experiences to learn and improve skills, knowledge, and attitudes that promote wellness. The total physical education program is designed to help young people achieve a sense of control over their lives and contribute positively to the world in which they live. For all classes offered, students must supply their own sports or recreational clothing including a T-shirt, shorts or sweat pants, tennis shoes, socks and a swimsuit.

## **PHYSICAL EDUCATION/HEALTH 9 (905)**

GRADE: 9  
LENGTH: 1 Semester  
CREDIT: Two credits (required)

The purpose of Physical Education is to provide a variety of experiences to learn and improve skills, knowledge, and attitudes that promote wellness. The total Physical Education program is designed to help young people achieve a sense of control over their lives and contribute positively to the world in which they live. For all classes offered, students must supply their own sports or recreational clothing, such as a T-shirt, shorts or sweat bottoms, tennis shoes/socks, and a swimsuit.

Activities in **Physical Education 9** include tennis, volleyball, basketball, floor hockey, bowling, rollerblading, whiffleball, gatorball, field games, pickleball, badminton, forever fit and swimming. Bowling and rollerblading may not be available every quarter. Swimming is a requirement. Exemption from swimming can only be made by written consent from a medical doctor. The consequence of not dressing for physical education, including swimming, will result in a grade reduction. These students are not, however, excused from participation and will not receive a passing grade for the days missed due to inappropriate dress. Circuit training and weight training are also key

components in this class. Students will participate in individualized programs, suited to meet their own needs and goals.

**Health 9:** This class is about decisions, risky behavior, and possible consequences of your choices. It is to help you become more informed decision makers in all areas of health. This class will provide a nurturing environment for you to grow in many ways including: becoming a more responsible and productive member of the community; improve writing, research, and communication skills and become aware of the world around you and help you feel safe.

- Unit 1 – Decision making and self-esteem
- Unit 2 – Nutrition, weight management, portion control, food pyramid
- Unit 3 – Depression, death/dying, self-destructive behavior, organ donation
- Unit 4 – Substance abuse (drugs, alcohol, tobacco)
- Unit 5 – Infectious diseases (STD's)

Concert Band and Ensemble Choir students should register for **ALL** of the following year-long PE/Health Courses:  
**HEALTH 9 (910)**  
**PHYSICAL EDUCATION 9 (901), (902), and (903)**

### **HIGH SCHOOL HEALTH (920)**

GRADES: 10 - 12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit (required)

Good health is the positive interaction of physical, mental, emotional, and social factors. Physical health means more than just the absence of disease. It means having vitality and endurance for work and play. In this course attitudes toward wellness and knowledge of the mind and body are studied. Specific units include physical fitness, nutrition, health care services, mental health, human sexuality, cancer, the American Heart Association "Heart Saver CPR and AED" course, first aid, and class action alcohol awareness.

### **HIGH SCHOOL PHYSICAL EDUCATION (915)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit - required

#### **Students may repeat this course ONE TIME with INSTRUCTOR APPROVAL**

This course is designed to acquaint students with a variety of sporting activities, including athletic and non-athletic pursuits. Our class will consist of two daily activities made up of the following:

1. Team activities
2. Partner activities
3. Circuit room
4. Weight room
5. Mile run (cardiorespiratory endurance)
6. Yoga
7. Pilates
8. Swimming
9. Heart rate monitors

All activities will provide a variety of experience for students to promote wellness while learning to value lifetime fitness.

### **AQUATICS/STRENGTH/CONDITIONING (925)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

This course is designed to provide a comprehensive overview of strength and conditioning through the primary components of fitness: cardiorespiratory endurance, muscular strength, muscular endurance, flexibility, and body composition. Speed, agility and strength training with the goal of increased muscular power production are the primary focuses of this course. Upon completion of this course students should be able to attend the exercise/workout facility of their choice and have confidence that they can train safely and intelligently with free weights, dumbbells or barbells.

**Swimming** and snorkeling is also a requirement of this course as an aspect of strength training and physical conditioning. **Students participating in Aquatics, Strength & Conditioning should not have any medical restrictions that prevent participation in physically demanding activities such as swimming and weight training**

# SCIENCE

## **ADVANCED PHYSICAL SCIENCE 9 (1002)**

GRADE: 9  
LENGTH: 1 Semester  
CREDIT: 2 Credits (satisfies 9<sup>th</sup> grade science requirement)  
PREREQUISITES: **Science:** "A" in 8<sup>th</sup> grade science, recommendation of 8<sup>th</sup> grade science teacher, or 9<sup>th</sup> grade Advance Science 9 instructor approval **and Math:** Grade of B or better in Geometry, grade of A in Algebra, or Instructor Approval

This course is designed for students with an interest and aptitude in science and mathematics. Compared with Physical Science 9, Advanced Physical Science 9 will move more quickly through some topics while exploring the algebraic backgrounds of other topics more comprehensively. First quarter activities concentrate on motion, energy, sound, electromagnetic energy, and electronics. Second quarter topics include matter, chemistry, reactions, acids/bases, and nuclear energy. Students will be given the opportunity to develop a skill set necessary for future success in AP and/or CIS science courses.

## **PHYSICAL SCIENCE 9 (1001)**

GRADE: 9  
LENGTH: 1 Semester  
CREDIT: 2 Credits (required)

Physical Science explains how and why things happen in the physical world. First quarter activities concentrate on magnetism, electronics, nuclear energy, properties of sound and light, waves, machines, motion, and energy. Second quarter topics include matter, chemistry, reactions, and acids/bases.

## **AP BIOLOGY (1010)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITES: A in 9<sup>th</sup> grade physical science and/or recommendation of 9<sup>th</sup> grade physical science instructor.

This is an elective biology course that may be taken instead of the general biology. Rapid progression through major topics of biology including biomolecules, cells, genetics, molecular biology, animal and plant diversity, ecology and animal systems is the hallmark of this course. Students will take the AP Biology exam the following May. Students are expected to begin learning during the summer prior to the school year as well as to attend morning review sessions during 3<sup>rd</sup> and 4<sup>th</sup> quarters until the test date.

## **BIOLOGY (1009)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits (required)

All living things show remarkably consistent patterns of chemical composition, cell structure, heredity, and evolution. In Biology, students study these main themes through labs, readings, discussions, fieldwork, and research. The ways that all organisms, including humans, interact with the environment is the culminating focus of study.

- Concert Band (grade 10) students should register for the following Biology class:

**BIOLOGY (1040 and 1041)**

**GENETIC ENGINEERING (1035)**

GRADES: 10-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

PREREQUISITE: B in Biology is strongly recommended

Are you interested in forensic science, genetic manipulation of organisms and bacteria mutations? In this elective science class, the latest research in genetics and microbiology will be examined through advanced labs, readings, lectures and research. Labs in this upper-level biology course will include analyzing DNA, genetically engineering glowing bacteria and examining antibiotic resistant bacteria.

**ENVIRONMENTAL STUDIES (1007)**

GRADES: 10-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

Numerous activities go on in Environmental Studies. Principles of ecology, topics in large mammal wildlife management, and an examination of the effects of winter on our ecosystem are part of this course. Students work alone and in groups as they use a wide variety of learning activities to increase their appreciation of the natural world that surrounds us. Students can expect to be doing activities outside no matter what the weather, especially in the winter, and so to dress appropriately each day.

**GENERAL SCIENCE: Earth/Air/Sky (1013)**

GRADES: 10-12

LENGTH: 1 Quarter

CREDIT: 1 Credit (required)

The three main areas of study are: 1. The changing face of the earth. 2. Measuring and recording changes in the atmosphere to find patterns that

can then be used to predict the weather. 3. The nature of our solar system and how the stars and galaxies came into being and change over time.

**PRINCIPLES OF ENGINEERING (1025)**

GRADES: 10-12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Intro to Engineering Design is highly recommended

Principles of Engineering is a project-based course that introduces students to the profession of engineering and engineering technology by exploring various technologies related to manufacturing processes and engineering systems. Students will use critical thinking skills to analyze, synthesize and design engineering systems. Students will apply skills and knowledge of math, science, communication and technology in complex problem solving activities. The course also includes risk analysis and engineering reliability impact on social, political and liable consequences of technological advancements. Principles of Engineering is one of the courses in the Project Lead the Way sequence.

**Earning University of Minnesota credit for Project Lead the Way courses:**

Secondary school students successfully completing Project Lead the Way (PLTW) courses may apply for transcribed college credit from the University of Minnesota-Twin Cities (U of M). The student will receive 3 semester credits per course, subject to the following conditions:

- All requirements for the PLTW course must be satisfied, and the student must achieve an average of 85% or better for the course

- The college credit exam must be taken and passed with a grade of at least 70%

- The required fee must be paid. Fee is currently \$100 for Minnesota residents and \$300 for non-Minnesota residents, for a 3-credit course

- Grade of S (Pass) appears on the U of M transcript

### **ANATOMY and PHYSIOLOGY (1018)**

GRADES: 11, 12

LENGTH: 1 Quarter

CREDIT: 1 Credit

PREREQUISITE: Biology (grade of at least a B)

The human body is a marvelous complex of interacting organ systems. This course gives a thorough introduction to the various components of human anatomy and an overview of the functioning of the major organs. Students with career plans in health related or sports medicine fields will find this a valuable pre-college course.

### **CHEMISTRY (1030)**

GRADES: 11, 12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Minimum grade of B in (Quadratic) Algebra I **highly recommended** for success in this course.

This course is designed for students who are interested in learning about the chemicals in their world. In this course students will learn the fundamental concepts in chemistry. Students will study atoms, the periodic table, bonding, chemical reactions, stoichiometry, states of matter, gas laws, and acids and bases. Laboratory experiences and working in groups are emphasized. Students planning to continue their education beyond high school would be well served by taking this course.

### **CIS CHEMISTRY I (1005) and CIS CHEMISTRY I LAB (1006)**

GRADES: 11, 12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Algebra II (Grade of at least a B); while Chemistry is not required as a prerequisite, it is **strongly encouraged** for success in this course.

In this math intensive course students will learn the fundamental concepts of chemistry. Students will study atoms, the periodic table, matter, chemical reactions, stoichiometry, electronic structure, thermochemistry, bonding, and gases. There will be a heavy emphasis on problem solving techniques and experimenting. This course is designed for students planning post-secondary studies and/or careers in any science-related field (biology, chemistry, physics, and engineering) or any medical field (doctor, nurse, medical technician, physical therapist, dentist, or veterinary medicine).

### **CIS CHEMISTRY II (1015) and CIS CHEMISTRY II LAB (1016)**

GRADES: 11, 12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: CIS Chemistry I

CIS Chemistry II is designed for students interested in continued learning of matter and the changes it undergoes. Topics will include electrochemistry, reactions, solutions, kinetics, equilibrium, and thermodynamics. It is a laboratory intensive course that will be most helpful to students planning to go into careers such as medicine, engineering, pharmaceuticals, and science research.

**FIELD BIOLOGY (1017)**

GRADES: 11, 12

LENGTH: 1 Quarter

CREDIT: 1 Credit

PREREQUISITE: Biology (grade of at least a B)

The animals and plants native to our state and the relationships between them are what field biology is all about. The focus is on specific habitats and on the identification of birds, trees, mammals, butterflies, and amphibians and reptiles. A day-long field experience is an integral part of Field Biology, as are weekly outdoor activities. Students can expect to be doing research outdoors twice each week, if not more often, and so need to wear proper footwear and clothes.

**PHYSICS (1003)**

GRADES: 11, 12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Algebra II (grade of at least a B-)

The purpose of this course is to help students understand physical reality by relating the principles and relationships of physics to everyday environment. Three areas of modern physics will be discussed: Special Relativity, General Relativity, and Origin of the Universe. A survey of mechanics with emphasis on force and motion, the structure of matter, heat, sound, light, basic electricity, and magnetism will be the major subdivisions of classical physics covered. Algebra II is a prerequisite to physics. Trigonometry is recommended.

**PHYSICS OF FLIGHT (1012)**

GRADES: 11-12

LENGTH: 1 Quarter

CREDIT: 1 Credit

Physics of Flight offers an introduction into the technology and careers of flight. The history and principles of flight are studied in moderate detail. Students apply the concept of experimentation with flight designs and construction of scale models. This course requires a moderate extra fee.

**LAB ASSISTANT (1020)**

GRADES: 11, 12

LENGTH: 1 Quarter

CREDIT: 1 Credit

PREREQUISITE: Instructor's approval.

Students considering this course must be able to work independently in the library, stockroom, and classroom. The responsibilities of a laboratory assistant are learning the organization of science rooms, care and maintenance of equipment and preparation of lab materials. In addition, students will complete one of the following tasks:

- Independent research project on a topic of their choice
- Trial and analysis of new laboratory procedures
- Analysis and reporting on demonstrations for use in science classes

# SOCIAL STUDIES

## **GOVERNMENT AND CITIZENSHIP (1101)**

GRADE: 9  
LENGTH: 1 Semester  
CREDIT: 2 Credits – required

Government and Citizenship is a one semester Social Studies course requisite for high school graduation. This course is divided into two quarters, focusing on the need for and purposes of government, the Constitution, the Legislative, Executive and Judicial branches of government, as well as foreign and domestic policies. The aim of this course is to give students a thorough understanding of the workings and functions of the U.S. Government so that they may be informed citizens with an appreciation of the rights and responsibilities essential to becoming active participants in society.

## **AMERICAN HISTORY (1120)**

GRADE: 10  
LENGTH: 1 Semester  
CREDIT: 2 Credits – Required (or AP American History)

What is history? Why do we need it? How do we use it? Sophomores will investigate these questions within the time frame of 1860 to the present. The course starts with a review of history to 1860 and the Civil War. Throughout the course students will explore history from political, social, and economic viewpoints. During the first quarter topics will include Western expansion, the Gilded Age, populism, progressivism, imperialism and World War I. In the second quarter, study enters the 20th Century and the changes that take place throughout the 1920's, the Great

Depression, World War II, the 1950's, and the 1960's. 1970's, 1980's, and 1990's are studied and the problems of interpreting recent history are discussed.

- 10th grade Wind Ensemble and Bel Canto Choir students should register for the following American History class:

## **AMERICAN HISTORY (1185 and 1187)**

GRADE: 10  
LENGTH: Year course  
CREDIT: 2 Credits

## **AP AMERICAN HISTORY (1140)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Minimum grade of "A" - in 9th grade social studies. Minimum grade of B+ in 9th grade English. You will also need recommendation of two high school teachers. Band and Choir students may take AP history.

AP American History is a college level course. Upon successful completion of this course the student may receive college credit. The comprehensive course of study will begin with pre-Colonial America and continue to present. Essay writing will be a major part of the course. Group discussions, presentations, and readings will be required. There will be extensive work required within and outside of the classroom. This course will challenge students who wish to further their knowledge of history and obtain college credit.

**One semester of social studies is required in the JUNIOR year.** You **must** register for CIS Economics, Geography or World History I. You **may** register for a second social studies class by using an elective slot.

**One semester of social studies is required in the SENIOR year.** You **must** register for either CIS Psychology or Senior Economics/Sociology. You **may** register for a second social studies class by using an elective slot.

### **CURRENT EVENTS (1105)**

GRADES: 11, 12  
LENGTH: 1 Semester  
CREDIT: 2 Credits

Teenagers want relevance in what they study. Experts today feel that most Americans examine the issues that affect their lives on a superficial level only. Current Events is the class that can address both concerns. Events that affect us all, from global to local levels, will be examined and discussed. Subject matter includes political, economic, and social issues. Education, religion, science and technology, sports, and music are all open for discussion. The course will use various means of presentation and assessment including readings, news broadcasts, writing, and internet sites. This is for students who want their educational experience to relate to their future.

### **GEOGRAPHY (1107)**

GRADES: 11, 12  
LENGTH: 1 Semester  
CREDIT: 2 Credits

Geographic knowledge satisfies a deep human need to know about other people and places, the natural environment, the capacity of the earth to support human life, and to inform our own individual perception of places. This class will revolve around a pattern of inquiry that begins with three essential questions: Where are things located, why they are in those particular places, and how do those particular places

influence our lives. Besides the basic core of world and regional location studies, other areas for exploration include Physical, Urban, Political, Cultural, Historical, and Economic Geography, Cartography, and Local Geography. This course is open to all students who wish to investigate the world in which they live, in an inquisitive and scholarly manner.

### **HUMAN BEHAVIOR (1127)**

GRADES: 11, 12 (not a substitute for a required course)  
LENGTH: 1 Semester  
CREDIT: 2 Credits

Why do people behave the way they do? Why are you similar to your mother/father; genetics or environment? What do your dreams mean? What are schizophrenia, depression, anorexia, and multiple personality disorder? What does it really mean if someone is "insane"? All the answers to these questions and a lot more can be found in Human Behavior. This course will examine the human processes that drive people to think and act in various ways. The primary focus will be the disciplines of Psychology (scientific study of human behavior and mental processes) and Sociology (scientific study of social relationships and interaction). The class will utilize experiments, large group discussions, surveys, and natural observations in addition to traditional classroom methods to learn about human behavior.

**CIS ECONOMICS (1110)**

GRADE: 11, 12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Students must meet class rank requirements for CIS courses (see page 3) and have the recommendation of three high school teachers. This course meets the 11th grade social studies requirement.

CIS Economics is a college level course for which students may receive college credit. It will focus on the study of key micro and macro-economic concepts and the economic way of thinking. Emphasis will be placed on applying economic theory and reasoning to real world issues and to the evaluation of possible solutions.

**WORLD HISTORY I (1122)**

GRADES: 11, 12; Open to students in 10<sup>th</sup> grade with Social Studies teacher approval

LENGTH: 1 Semester

CREDIT: 2 Credits

This course covers the journey of humanity by looking at the political, economic, social, architectural, cultural, and some of the esoteric history of Western Civilization. During the term we will focus on aspects of Prehistoric Culture, Ancient Civilizations of Asia, Classical Greece, and the Roman Empire.

- Band and Choir students should register for the following World History class:

**WORLD HISTORY I (1180 and 1182)****WORLD HISTORY II (1150)**

GRADES: 11, 12; Open to sophomores with Social Studies teacher approval

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Completion of World History I or instructor's permission

This course will continue the journey begun in World History I by starting with a short synopsis of key facts and concepts from WH1, and then begin an in-depth look at the Byzantine World, the rise of Islam, the Middle Ages, Renaissance, Reformation, the Scientific Revolution, the Age of Exploration, the Age of Autocracy, the Enlightenment/French Revolution, the Napoleonic period and its aftermath. The 19th and 20th century world will be explored as a global entity. Aspects of the course include examination of the history, geography, philosophy, and technology of the various time periods and places.

**CIS PSYCHOLOGY (1109)**

GRADE: 12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Students must meet class rank requirements for CIS courses (see page 3) and have the recommendation of three high school teachers. This course meets the 12th grade social studies requirement.

CIS Psychology is a college level course for which students may receive college psychology credit. CIS Psychology will study the mind and behavior, personality and assessment, heredity and individual differences, consciousness, memory, language and thought process, learning, and history of psychology.

**SR ECONOMICS/SOCIOLOGY (1103)**

GRADE: 12

LENGTH: 1 Semester

CREDIT: 2 Credits – required (or CIS Psychology)

Today's students will face a variety of important economic decisions in both their personal lives and as citizens in a democratic society. The study of economics enables students to make reasoned judgments in both of these areas. The first half of this course combines basic economic principles

with current world events as well as fundamental concepts of personal finance and investing. The second half of the class explores the subject of sociology (the science that studies human societies and social behavior), whereby students analyze the connection between the social environment and its influence on human behavior.

# SPECIAL EDUCATION

The following courses are open only to high school students on an IEP

**STUDY SKILLS** (00600, 00601, 00602, 00603) ½ credit

**STUDY STRATEGIES** (00605, 00606, 00607, 00608) 1 credit

GRADES: 9-12

LENGTH: 1 Quarter

CREDIT: see above

Students are given the opportunity to develop and use various task management skills. In addition, they have time to complete assignments from other classes. Limited tutorial services may be available.

**LIFE MATH SKILLS** (00740, 00741, 00742, 00743)

GRADES: 9-12

LENGTH: Year-long skinny

CREDIT: 2 Credits

This year-long class will help prepare students to live independently or semi-independently. The main focus of the class is to build math skills for everyday use. Units covered will include number sense, money, algebra functions, measurement and geometry, statistics, data, analysis and probability, and basic number operation.

**PRE-SURVEY MATH** (00700)

GRADES: 9

LENGTH: Semester-long skinny

CREDIT: 1 Credit

Pre-survey math is a re-teaching of previously presented arithmetic functions. It is for students who have difficulty in mathematics and who need

drill and practice in addition, subtraction, multiplication and division of whole numbers, fractions, decimals and percents. This class will also address the following concepts: ratios, probability, mean, median, mode, data interpretation and a basic introduction to algebra and geometry. Students are placed in this class by recommendation of the case manager.

**SURVEY MATHEMATICS I** (00699)

GRADE: 9

LENGTH: Year-long skinny

CREDIT: 2 Credits

Survey Math is designed as a transition class between Pre-Survey Math and Basic Algebra. The students will review whole numbers, fractions, decimals and percents. This class will also address the following algebra concepts: order of operations, solving linear equations and inequalities, simplifying expressions, factoring, slope, parallel/perpendicular lines, absolute value and quadratic functions.

**SURVEY MATHEMATICS II** (00705)

GRADES: 9-12

LENGTH: Year-long skinny

CREDIT: 2 Credits

Survey Math II is designed as a transition class between Survey Math and Basic Geometry and Statistics. The students begin with a review of whole numbers, fractions, decimals, percents, order of operations and solving equations. This class will also address the following

geometry concepts: central tendency (mean, median, mode, standard deviation, range), scatter plots, best fit line, probability, theorems of triangles, parallel lines, perimeter, area, volume, surface area, Pythagorean theorem, sine, cosine and tangent.

**SURVEY MATHEMATICS III (00706)**

GRADES: 9-12  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

Survey Mathematics III is designed for students who have IEP goals in mathematics and is the final class to prepare students to pass the GRAD portion of the MCA II tests. It may also be taken in lieu of the regular education class, Math Applications. Students must be recommended for this class by their special education case manager.

**CONSUMER MATHEMATICS III (00707)**

GRADES: 9-12  
LENGTH: Semester-long skinny  
CREDIT: 1 Credit

Consumer Math is designed to help meet the transitional needs of students. Students will apply basic mathematical skills to real world/everyday situations. The class will cover checking and savings accounts, basic purchases, credit, loans, taxes and personal finances.

**FUNCTIONAL READING (00725, 00726, 00727, 00728)**

GRADES: 9-12  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

Functional Reading is designed to help struggling readers with reading

opportunities to develop and practice their reading skills through different kinds of texts. Units covered are context clues, cause and effect, details, main idea, story elements, sequencing, predicting outcomes, drawing conclusions, summarizing, fiction and nonfiction, sight words and reading fluency.

**READING/WRITING LIFE SKILLS**

GRADES: 9-12  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

This year-long class will help prepare students to live independently or semi-independently. The main focus of the class is to build reading and writing skills for everyday use. Topics covered will include reading/word analysis, sight word reading, reading comprehension, listening, handwriting and written language.

**READING SKILLS (00610, 00611, 00612, 00613) ½ credit**

**READING STRATEGIES (00615, 00616, 00617, 00618) 1 credit**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: see above

Students will use various materials and methods to improve their skills in reading decoding, reading comprehension, thinking strategies, spelling and vocabulary.

**WRITING SKILLS (00620, 00621, 00622, 00623)**

**WRITING STRATEGIES (00625, 00626, 00627, 00628)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: ½ Credit (Writing Skills); 1 Credit (Writing Strategies)

Students will develop skills to write simple, compound, complex, and compound-complex sentences. They will also develop the skills necessary to write a ten-sentence paragraph and a six-paragraph theme.

**EXPLORING LANGUAGE ARTS 11 (00709 and 00710)**

GRADES: 11  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

Students will reinforce sentence writing skills as well as skills in paragraph and theme writing that were developed in Exploring Language Arts 9 and 10. Students will enjoy proofreading activities designed to strengthen their editing abilities along with further development in grammar, spelling and sentence structure. Students in Exploring Language Arts 11 will explore novel reading as well. This class will focus on reading comprehension, thinking strategies and vocabulary. This class is only open to students on an IEP.

**EXPLORING LANGUAGE ARTS 12 (00711 and 00712)**

GRADES: 12  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

Students will reinforce sentence writing skills as well as skills in paragraph and theme writing that were developed in Exploring Language Arts 9, 10 and 11. Students will enjoy proofreading activities designed to strengthen their editing abilities along with further development in grammar, spelling and sentence structure. Students in Exploring Language Arts 12 will explore novel reading as well. This class will focus on reading comprehension, thinking strategies and vocabulary.

**WORK SEMINAR 10 (00680, 00681, 00682, 00683)**

GRADES: 10  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

This class is designed to help meet the transitional needs of the student. The following transitional skills will be covered in this course:

1. Career/Self Awareness
  - Formal/informal vocational assessments
2. Daily Living Skills
  - Consumer math
3. Occupational guidance and preparation (jobs and job training)
  - Career exploration/planning
  - Post secondary planning
  - Career research paper
  - Develop job entry level skills
  - Resume and cover letter

**WORK SEMINAR 11 (00685, 00686, 00687, 00688)**

GRADES: 11  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

This class is designed to help meet the transitional needs of the student. The following transitional skills will be covered in this curriculum:

1. Personal development and forming relationships
2. Consumer related math skills
3. Seeking/securing/maintaining employability skills
4. Economic awareness
5. An awareness of worker competencies expected by employers
6. College readiness skills
7. Cover letter and resume
8. Career research paper

**WORK SEMINAR 12** (00690, 00691, 00692, 00693)

GRADES: 12  
LENGTH: Year-long skinny  
CREDIT: 2 Credits

This class is designed to help meet the transitional needs of the student. The following transitional skills will be covered in this course:

1. Skills needed to seek/secure employment
2. Post secondary planning
  - Vocational Rehabilitative Services
3. Skills needed to be an informed consumer
4. Independent living skills
5. Career preparation training
6. Money management
7. Cover letter and resume
8. College readiness skills

**WORK EXPERIENCE I** (00670, 00671, 00672, 00673)

**WORK EXPERIENCE II** (00675, 00676, 00677, 00678)

GRADES: 11, 12  
LENGTH: 1-4 quarters  
CREDIT: 1 credit per block

With prior approval the student may obtain his/her own employment. The coordinator will help find employment for those students without employment. The coordinator must approve all job sites. With parental permission the student may begin the work program at the start of his/her junior year.

The student MUST take the appropriate grade-level Work Seminar class offered to participate in the Work Experience class. A student may work up to two blocks per day, depending on their academic needs and graduation status. The student must work every day. The students' employer will

evaluate him/her three times each quarter. These evaluations will be used to grade the student. The student will receive at least minimum wage and will receive one (1) elective credit for each block worked during the school day.

The student must maintain passing grades in other academic areas to continue his/her employment. All parties involved in the work program will sign a contract (due-process paperwork).

**INDEPENDENT LIFE SKILLS** (00650, 00651, 00652, 00653)

GRADES: 9-12  
LENGTH: 1 Year  
CREDIT: 4 Credits

This year long class will help prepare students to live independently or semi-independently. It is structured for students who have a need for developing the functional skills necessary to live independently or semi-independently. The main focus of the class is to build confidence in most aspects of daily living, develop functional skills and learn to access community resources that are available.

**PERSONAL DEVELOPMENT** (0790)

GRADES: 9-12  
LENGTH: Semester-long skinny  
CREDIT: 1 credit

This course is designed to meet the unique personal development needs of each learner. Topics covered include bullying, self-advocacy, organization, goal setting, future oriented thinking, relationships, anger and stress management.

# TECHNOLOGY EDUCATION

## SAFETY REQUIREMENTS

*The first lesson of industrial technology education is safety. All students taking technology education classes must pass a safety test before using power equipment. Students demonstrating unsafe work habits or disregarding safety rules will be removed from class.*

### **INTRO TO AUTOCAD DRAFTING (513)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Students taking this class will use the AutoCAD computer aided drafting program to complete mechanical drawing units in geometric construction, three view drawing and dimensioning. Architectural drawing units in floor plan design, sectional views, and elevations will also be covered. This course satisfies the technology credit required for graduation. *This class is articulated for post-secondary credit.*

### **INTRO TO AUTODESK INVENTOR (510)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

This course is designed for the student who may be planning a future in engineering and design. Computer Autodesk Inventor will be used. The course will proceed in a pedagogical fashion to guide you from constructing basic solid models to building intelligent mechanical designs and assembly of parts. This course satisfies the technology credit required for graduation. *This class is articulated for post-secondary credit.*

### **INTRO TO ENGINEERING/DESIGN (512)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits

Have you ever had an idea to create a new product or modify one you use? Introduction to Engineering and Design will challenge you to use creative thinking, problem solving and hands-on learning to come up with new innovative products and improve existing ones. You will learn how to design your ideas, create 3-D models and build prototypes of your projects and ideas. This course is a perfect start-up course for PLTW courses such as POE/Principals of Engineering and DE/Digital Electronics as well as Engineering courses at the Wright Technical Center.

### **Earning University of Minnesota credit for Project Lead the Way courses:**

Secondary school students successfully completing Project Lead the Way (PLTW) courses may apply for transcribed college credit from the University of Minnesota-Twin Cities (U of M). The student will receive 3 semester credits per course, subject to the following conditions:

- All requirements for the PLTW course must be satisfied, and the student must achieve an average of 85% or better for the course

- The college credit exam must be taken and passed with a grade of at least 70%

- The required fee must be paid. Fee is currently \$100 for Minnesota residents and \$300 for non-Minnesota residents, for a 3-credit course

- Grade of S (Pass) appears on the U of M transcript

Earning University of Minnesota credit for Project Lead the Way courses:

### **ADVANCED DRAFTING (507)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Introduction to Drafting (Grade of C-) or Instructor approval

In this computer drafting class, students will use the AutoCAD program to draw a complete set of floor plans, dimensions, sectional views, and elevation drawings for a typical house. Units on commercial architecture and mechanical drawing problems will also be covered. *This class is articulated for post-secondary credit.*

### **INTRODUCTION TO METAL (505)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Students taking this course will learn the basic fundamentals of arc and gas welding. They will also learn basic sheet metal forming techniques, foundry casting techniques, and the fundamentals of CNC (Computer Numeric Control) machining. Project work will be required and students will be required to pay for some project materials.

### **WELDING AND METALS (501)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Introduction to Metals (Grade of C-) or instructor approval

This course will increase the students general knowledge of gas, arc, and braze welding. Torch cutting, forging, and other welding processes will also be covered. Along with welding, general metal work will be covered with units on foundry, sheet metal, and machining. Shop time will be used to practice skills in these areas. Students will be required to pay for project materials.

### **INTRODUCTION TO WOODWORKING (504)**

GRADES: 9-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit

Introduction to woodworking will cover units on properties of wood, power tools and machine safety, abrasives, adhesives, and finishing. Project work will be required. Students will be required to pay for all project materials used.

### **BASIC FURNITURE CONSTRUCTION (514)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Introduction to Woodworking, (Grade of C-) OR instructor approval.

After reviewing basic woodworking safety instructions and completing a required project, students will create a bill of materials and cost estimate for a project of their choice. After

completing their project plans, students will use the wood shop tools and equipment to construct their project. Students will be required to pay for project materials.

**ADV FURNITURE CONSTRUCTION (515)**

GRADES: 10-12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Basic Furniture Construction

Students in this course will choose a complex piece of furniture to construct during the quarter. Emphasis will be on quality construction, sanding, and finishing of their woodworking project. Students will be required to pay for their project materials.

**BUILDING/CONSTRUCTION TRADES (525)**

GRADES: 11, 12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Introduction to Woodworking, Introduction to Drafting, Basic Furniture Construction

This course is designed to give students hands-on applications of the construction field. The student will explore construction trades through lecture, demonstration, and hands-on building. Building projects will consist of constructing mock walls, model houses, and storage sheds.

**SHOP MAINTENANCE AID (530)**

GRADES: 11, 12  
LENGTH: 1 Quarter  
CREDIT: 1 Credit  
PREREQUISITE: Instructor approval.  
A completed approval form must be attached to your registration sheet.

This course will have students assist in maintaining a high school shop. Candidates will be selected based upon previous shop performance. Maintaining power and hand tools will also be stressed. The instructor must approve this credit.

# WORLD LANGUAGE

Speaking a foreign language will bring the world to your doorstep and give you both leisure and career opportunities. Many colleges require two years of a foreign language for admission. Those who do not either recommend it or require language study in undergraduate school. Modern systems of communication are making the world smaller. Studying a foreign language will help you enter that world.

**ALL Chinese classes are offered ONLINE ONLY.** Please see Ms. Farbo for more information.

## **CHINESE I (340)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits

## **CHINESE II (345)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Chinese I

## **CHINESE III (350)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Chinese II

## **CHINESE IV (355)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Chinese III

## **GERMAN I (320)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits

Language is the best way to know another culture and its people. In German I, students will study basic vocabulary and grammar which will enable them to ask and answer simple questions and carry on simple conversations. In addition, songs, cultural habits and traditions, short stories, and group activities will support language learning.

## **GERMAN II (325)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits

PREREQUISITE: German I  
In this course, which is a continuation of German I, vocabulary will become more advanced and grammar more complex. Students will be required to delve into the language and the culture of Germany. In addition, language will be learned through songs, cultural insights, movies, common language expressions, and short stories. Students who wish to take German II must have mastered essential concepts in German I and must have a serious interest in language study.

**GERMAN III (330)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: German II

German is spoken every day in this class. The past tense, word order, and adjective endings are focal points of the grammar. A variety of short stories are read along with German IV students. The student must have a serious interest in achieving fluency in German.

**GERMAN IV (335)**

GRADES: 10-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: German III

German is primarily spoken in this class. Through minimal use of English, fluency is achieved. With commonplace and contemporary topics, conversational German will be the main focus. Advanced grammar such as the subjunctive, complex word order, and the genitive case is studied. A variety of short stories are read along with German III students.

**SPANISH I (301)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits (minimum GPA of 2.0)

This is an introduction to oral and written Spanish through the study of basic vocabulary and language structure. Students will be able to converse using memorized expressions and simple questions and answers. They will be able to read paragraphs and write basic sentences. Topics of study deal with everyday situations such as greetings, health, weather, time, school and family life, foods, clothing and social activities with an emphasis on culture.

**SPANISH II (305)**

GRADES: 9-12  
LENGTH: 1 Semester  
CREDIT: 2 Credits  
PREREQUISITE: Spanish I (minimum grade of C)

This course continues the study of vocabulary and structure. Students will be able to converse, read, and write about past and future events. They will learn to apply their basic language skills to a variety of practical situations such as shopping, ordering a meal, asking for information, understanding directions and meeting medical needs. Students will be doing a music video in Spanish and looking in-depth at current issues of *Latin America*. Upon completion of Spanish II, the student will be able to comprehend and communicate in Spanish on a broad range of topics.

**SPANISH III (310)**

GRADES: 10-12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Spanish II (minimum grade of C)

The emphasis of this course is to refine oral and written language skills by studying more detailed vocabulary and advanced grammar. Students progress beyond memorized expressions to the creation of original thoughts. The people and culture of Spain will be looked at in great detail. This class will be taught primarily in Spanish. Upon completion of Spanish III, the student will be able to communicate in a work-related situation in Spanish.

**CIS SPANISH (315)**

GRADES: 11, 12

LENGTH: 1 Semester

CREDIT: 2 Credits

PREREQUISITE: Spanish III (minimum grade of B and meet all CIS enrollment policies)

5 Credits (University of Minnesota Semester credits)

This course is for students who have completed Spanish III. In this course students build on the communicative speaking, writing, listening and reading skills that were acquired in Spanish III. The "Conexiones" series, text, lab manual and workbook are used in class. Class activities are carried out almost entirely in Spanish. For the most part, grammar should be studied at home; a small percentage of class time is intended for grammar instruction and practice. Reading skills are developed through "Conexiones", and writing skills are developed through a variety of writing assignments. Each student will present an oral presentation on a topic related to those covered in "Conexiones" or in class.

# WRIGHT TECHNICAL CENTER

1400 Highway 25 North  
PO Box 239, Buffalo, MN 55313  
763.682.4113 (fax), [www.wtc.k12.mn.us](http://www.wtc.k12.mn.us)

Delano High School is a member of the Wright Technical Center located in Buffalo. Wright Technical Center provides opportunities for students in grades 11 and 12 to explore careers and develop skills that may be useful to them as they complete high school and plan for their future. A separate handbook that describes the technical center classes in more detail is available from the counselor. All classes meet for one year and receive four credits. Classes at Wright Technical Center begin at 8:00 a.m. A bus to the Wright Technical Center leaves Delano at 7:25 a.m. Students must provide their own transportation to the high school to catch the bus.

**No students are allowed to drive to the Wright Technical Center.**

## **AUTOMOTIVE CAREER SKILLS (1410 AND 1411)**

The goal of this program is to provide students with the skills necessary to gain competitive long-term employment in the automotive industry or related fields. Students will receive broad based training in a wide variety of essential entry-level, industry relevant, automotive technician skills. The skills learned are not only job specific, but also enhance independent living skills. Students will participate in career exploration activities and develop a better understanding of all aspects of the industry.

## **AUTOMOTIVE TECHNOLOGY (ASE/NATEF Certification possible) (1416 AND 1418)**

FEE: There will be a non-refundable shop fee of approximately \$15.00.

If you have a passion for cars and are interested in a well-paying career, you'll want to enroll in this class. You'll cover brakes, steering and suspension, basic electricity and electronics, and drivability. You will divide your time

between the classroom and our automotive lab. You'll focus on the math, science, English, and automotive technology needed to become a successful automotive technician. You'll get plenty of hands-on experience with state-of-the-art tools and equipment. Second year opportunities are available.

## **CONSTRUCTION TECHNOLOGY (1424 AND 1426)**

FEE: There is a required \$40.00 deposit for tools, safety glasses, and hard hats.

Students become members of the construction crew that builds a house from layout to final trim work. You will learn construction terminology, tool identification and use, blue-print reading, layout and framing, sheathing, roofing, siding, window and door installation, insulating, drywall and taping, painting, cabinet construction, and interior and exterior finishing – all necessary components to build that house! You'll learn power tool safety and operation, concrete/masonry, wood manufacturing and cabinets, and commercial construction.

### **COSMETOLOGY CAREERS (1428 AND 1430)**

FEE: There will be a non-refundable fee of \$30.00

Cosmetology Careers offer students the basic knowledge of theory and skills into the professional industry of beauty. Learn hands-on skills of manicure, pedicure, hair cutting and styling, skin care and facials, coloring, foiling, perming, and more. The cosmetology industry is regulated by the Board of Cosmetology. You will study the basic laws and rules of Minnesota and practice them in the salon-like clinic floor setting.

### **EARLY CHILDHOOD/ELEMENTARY CAREERS (1420 AND 1422)**

Students will have an opportunity to study child development –newborn through school age children. You'll gain skills developing curriculum and learn about guidance and discipline. You'll learn about special needs children and child abuse. You'll have an opportunity to job shadow and investigate career possibilities. The internship opportunities, along with your Head Start experiences, will provide you with invaluable experiences. You'll have an opportunity to continue your training as a second year student by working on tech prep college credits.

### **ENGINEERING I & II (1440 AND 1441)**

This high school program is a four year sequence of courses that introduces students to the scope, rigor and discipline of engineering prior to entering college. Those not intending to pursue further formal education will benefit greatly from the knowledge and

logical thought processes that result from taking some or all of the courses provided in the curriculum. Semester I is the course Introduction to Engineering Design, which teaches problem solving skills using a design development process. Semester II, Principles of Engineering, helps students understand the field of engineering/engineering technology)

### **ENGINEERING DESIGN & DEVELOPMENT**

#### **GRADE 12 ONLY**

Students design a solution to a technical problem of their choosing in this engineering research course. Working in teams, students research, design, test and construction a solution to an engineering problem. This course allows students to apply all the skills and knowledge learned in previous Project Lead The Way classes. Students will engage in time management and teamwork skills, valuable skills for the future.

### **HEALTH SCIENCE TECHNOLOGY/CNA (1463 AND 1465)**

This program teaches you medical terminology, health care environment and safety issues, standard precautions, medical ethics, how to research a disease and research a health career. You'll have hands-on training in first aid, CPR, defibrillation, vital signs, etc. Learn the complex language of the medical community and legal and ethical responsibilities in health care. Students will work with automated external defibrillators, stethoscopes, and more.

**LANDSCAPE AND GREENHOUSE CAREERS**  
(1400 AND 1402)

Students will develop knowledge and skill by completing hands-on construction projects. Develop knowledge and skills in landscape design and maintenance, flower designing, garden center operations and assist with greenhouse plant production projects. You will be part of a student team that operates a simulated garden center business. In the process you will develop valuable workplace skills in production, management and marketing of horticultural plants.

**LAW ENFORCEMENT & FIRST RESPONDER**  
(1447 AND 1448)

This class will prepare you for a career in Law Enforcement/First Responder and Firefighting that will be challenging and personally rewarding. This program combines essential academic instruction with hands-on training to develop the knowledge and skills for law enforcement and firefighting. Areas of study for Law Enforcement will include crime scene investigation, criminal justice, patrol procedures, squad car, ethics, first responder, fingerprinting and booking, report writing, and other procedures. First Responder topics include certification, CPR, Oxygen, AED's and more.

**WELDING TECHNOLOGY** (1455 AND 1457)

This hands-on curriculum will teach you gas, arc, wire feed, and TIG welding. Learn the basic safety and welding procedures using state of the art equipment for all welding processes. You'll learn brazing and flame cutting. Students will also learn drafting and basic metallurgy for welding. You'll weld mild steel, cast iron, carbon steels, stainless steels, alloy steels, and non-ferrous metals.

**ON THE JOB TRAINING** (1470 AND 1472)  
**GRADE 12**

Skills needed for success:

- Dependability
- A strong work ethic
- Ability to work in a team
- Excellent communication skills
- Work-readiness skills

This curriculum consists of two parts: Your classroom instruction covers the following topics: human relations in the workplace, workplace and financial issues, labor laws, safety training, employment readiness and career exploration. The second part of your course consists of experiential learning through paid work experience at a part time job. Students in this program need to be interested in exploring careers by combining classroom instruction with on-the-job training

## INDEPENDENT STUDY

**COURSE:** INDEPENDENT STUDY  
**GRADES:** 9-12  
**LENGTH:** 1 Quarter  
**CREDIT:** 1 Credit  
**PREREQUISITE:** Instructor permission, completed paperwork

Permission from the instructor to take a course independently must be obtained. The student and the teacher must schedule a specific regular time in which to meet during the duration of the independent study.

**COURSE:** INDEPENDENT STUDY  
**GRADES:** 9-12  
**LENGTH:** 1 Quarter  
**CREDIT:** 1/2 Credit  
**PREREQUISITE:** Instructor permission, completed paperwork

A completed Independent Study Contract must be reviewed and approved by the counselor and building administrator before the class will be scheduled

## RASMUSSEN COLLEGE

**Criteria:** Students who are in the middle 50% of their class qualify for these courses. Students must be in their junior or senior year in order to obtain dual credit. Students must have a 2.25 high school GPA to qualify and pass the Rasmussen's STEP placement test in order to qualify for admittance.

**Credits:** A maximum of 24 credits can be earned through this program while at Delano High School.

Other courses listed in the registration guide are available on-line during the school day. There are slight differences in the academic calendars; therefore, students may be assigned other duties during the mismatched time.

**On-line Courses:** Rasmussen offers a myriad of courses on-line. Delano High School students have the opportunity to register for these courses and take them on our campus. Students will obtain both Delano **elective credit** as well as Rasmussen credit.

**Rasmussen College Credit:** There will be no credit charge for these courses.

**Textbook fee:** A book rental fee will be imposed for use of the textbook during the Rasmussen course.

**More Information Available:** Please contact the high school counselor or Ms. Stellrecht, online learning instructor, for more information and details.

## SENIOR INTERNSHIP

The Senior Internship Experience is designed for highly motivated seniors who desire a work experience related to their potential college major or intended employment. Seniors in the top 50% of their class are encouraged to research this internship possibility. Some placement opportunities offer a paid internship and others are strictly experience based. Senior Internship Experiences are approved based upon the following criteria:

COURSE:     **SENIOR INTERNSHIP** (1515)  
GRADE:       12  
LENGTH:     1 or 2 Semesters  
CREDIT:     2 to 4 Credits  
**PREREQUISITE:**     **Principal approval**

Each student will need to research potential placement opportunities. It is your responsibility to contact those companies whose offerings match your interest and establish an interview with them. The office can offer limited assistance with this process.

## STUDENT AID

NOTE: Student Aid courses are non-academic. You must have a GPA of 2.5 or higher to be a student aid. All grades are S or U. **You MAY NOT register for more than one of these courses in any one quarter.** You may earn a maximum of two credits in each of these areas toward the 58 credits needed for graduation.

COURSE:     **STUDENT AID** – Full Block  
(1202) (1203) (1204) (1205)  
GRADE:       12  
LENGTH:     Quarter  
CREDIT:     1/2 Credit per quarter

Students may receive credit for services performed for the school. In order to earn a student aid credit, a student must work at a school service task one block each day. The length of each assignment is one quarter. .

COURSE:     **STUDENT AID** – Skinny  
(1206) (1207) (1208) (1209)  
GRADE:       12  
LENGTH:     Quarter  
CREDIT:     1/4 Credit per quarter.  
Grading is S/U.

**Students will not be allowed to earn more than two student aid credits towards graduation requirements.** Each student aid credit will require a contract with the teacher or staff member.

**NOTE:** A completed Student Aid Approval Form must be attached to your registration worksheet.

## WORK PROGRAM

COURSE:     **WORK CONTRACT PROGRAM** (1500) (1501) (1502) (1503)  
GRADE:       12  
LENGTH:     1-4 quarters  
CREDIT:     1/2 Credit per quarter

Seniors who have all required credits may work up to eight blocks during the school year. A maximum of two credits may be earned during the school year. Requirements of the program include:

- **You must work the hours you are released from school AND be able to supply pay stubs reflecting hours worked on request.**
- Students on work program **cannot** enroll for student aid credit during the same quarter.
- Students must be enrolled in academic classes for at least two blocks each quarter.
- Students must have satisfactory attendance to be eligible for this program.
- Students must be making satisfactory progress in all classes and must be up-to-date on credits.
- Approval of Mr. Shouts, Work Contract Program Coordinator, is necessary for continued participation in the work contract program.
- Grading is S/U.

Review the Work Contract Program Agreement and/or see Mr. Shouts in room 22 for more details.