

ST. JOHNS HIGH SCHOOL

Home of the Redskins

2010-2011

COURSE DESCRIPTION HANDBOOK



Table of Contents

Introduction

Graduation Requirements (SJHS).....	2
4-Year Plans.....	3
Overview of College Entrance Requirements	5
Early Graduation Requirements	6
Important Information	7

Courses

English	8
Mathematics	10
Science	13
Social Studies	15
Fine Arts	16
Inclusion Courses.....	18
Foreign Language	19
Health & Physical Education	20
Elective Offerings	21
Release Time & Aiding.....	23

Vocational Department

Career & Technical Education 4-year Flow Chart	25a
Career & Technical Courses	25
Business Education	25
Family & Consumer Sciences	27
Automotive Technology	28
Construction Technology.....	30
Graphic Communications	30
NAVIT/NPC Courses	33

Forms

List of courses that need permission	36
Permission Form	37
Permission for Credit Recovery	39
Release from Campus Permission Form.....	40

SJHS GRADUATION REQUIREMENTS

<p><u>Class of 2011: 22 Credits total</u></p> <ul style="list-style-type: none"> ✓ English : 4 credits ✓ Social Studies : 3 credits ✓ Mathematics: 2 credits* ✓ Science: 2 credits ✓ P.E. or Weights/Health: 1 credit ✓ CTE Intro course 1 credit ✓ Vocational or Fine Arts: 1 credit ✓ Other Electives: 8 credits 	<p><u>Class of 2012: 23 Credits total</u></p> <ul style="list-style-type: none"> ✓ English : 4 credits ✓ Social Studies : 3 credits ✓ Mathematics: 3 credits* ✓ Science: 2 credits ✓ P.E. or Weights/Health: 1 credit ✓ CTE Intro course: 1 credit ✓ Vocational or Fine Arts: 1 credit ✓ Other Electives: 8 credits
<p><u>Class of 2013 and beyond: 23 Credits total</u></p> <ul style="list-style-type: none"> ✓ English : 4 credits ✓ Social Studies : 3 credits ✓ Mathematics: 4 credits** (to include <u>Algebra II</u>) ✓ Science: 3 credits *** (to include Biology) ✓ P.E. or Weights/Health: 1 credit ✓ CTE Intro course 1 credit ✓ Other Electives: 7 credits 	

*** Of the math credits, one must be a credit of Geometry starting with the class of 2011.**

**** Starting with the Class of 2013, one math credit must be Algebra II**

***** Starting with the Class of 2013, three Science credits are required, and must include Biology.**

For classes 2011 & 2012, Integrated Science and Biology are required for St. Johns High School graduation.

Social Studies required courses: World History/Geography, United States/Arizona History, and Democracy/Free Enterprise

Students taking a math class during any school year will be required to obtain a grade of “C” (70%) or better in that math class before they can register for a higher math class the following year.

+ Any student interested in the Vocational courses need to take the appropriate prerequisites. It is also highly recommended that students both on a vocational and/or college bound track take advantage of the Northern Arizona Vocational Institute of Technology (NAVIT) classes that are offered at SJHS, NPC, and the other area schools. See your Course Description Handbook for further information.

4-Year Plans: HS Graduation Only (not college bound)

Classes of 2011 (not college bound): 22 Credits total

	<u>Freshmen</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
English	Eng. 9	Eng. 10	Eng. 11	Eng. 12
Math: choose track	Pre Algebra→ Algebra I→ Geometry→	Algebra I→ Geometry Algebra II	Geometry	
Science	Integrated Science	Biology		
Social Studies		World Hist/Geog.	US/AZ History	Democracy/ Free Enterprise
PE/Health	PE/Health or Weights/Health			
Fine Arts	Fine Arts or Foreign Lang.			
CTE/Vocational	CTE Intro.	<i>(Level 1 CTE)</i>	<i>(Level 2 CTE OR NAVIT)</i>	<i>(Level 3 CTE OR NAVIT)</i>
Electives	Elective	Electives	Electives	Electives

Classes of 2012 (not college bound): 23 Credits total

	<u>Freshmen</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
English	Eng. 9	Eng. 10	Eng. 11	Eng. 12
Math: choose track	Pre Algebra→ Algebra I→ Geometry→	Algebra I → Geometry→ Algebra II→	Geometry Algebra II Adv. Math	
Science	Integrated Science	Biology		
Social Studies		World Hist/Geog.	US/AZ History	Democracy/ Free Enterprise
PE/Health	PE/Health or Weights/Health			
Fine Arts	Fine Arts or Foreign Lang.			
CTE/Vocational	CTE Intro.	<i>(Level 1 CTE)</i>	<i>(Level 2 CTE OR NAVIT)</i>	<i>(Level 3 CTE OR NAVIT)</i>
Electives	Elective	Electives	Electives	Electives

Classes of 2013 and beyond (not college bound): 23 Credits total

	<u>Freshmen</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
English	Eng. 9	Eng. 10	Eng. 11	Eng. 12
Math: choose track	Pre Algebra→ Algebra I→ Geometry→	Algebra I → Geometry→ Algebra II→	Geometry → Algebra II → Adv. Math →	Algebra II Advanced Math Calculus
Science	Integrated Sci. →	Biology →	Choice of Science	
Social Studies		World Hist/Geog.	US/AZ History	Democracy/ Free Enterprise
PE/Health	PE/Health or Weights/Health			
CTE/Vocational	CTE Intro.	<i>(Level 1 CTE)</i>	<i>(Level 2 CTE OR NAVIT)</i>	<i>(Level 3 CTE OR NAVIT)</i>
Electives	Electives	Electives	Electives	Electives

4-Year Plan: College Bound

COLLEGE READY PLAN: ALL CLASSES (4-year college/university):

	<u>Freshmen</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
English	Eng. 9	Eng. 10	Eng. 11 (reg. or honors)	Eng. 12 (reg. or honors)
Math: choose track	Algebra I→ Geometry→	Geometry→ Algebra II→	Algebra II→ Adv. Math/College Alg→	Adv. Math/College Alg Calculus
Science	Integrated Science or Biology (Class of 13)	Biology or Chemistry	Chemistry or Physics	College Chemistry or Physics
Social Studies		World Hist/Geog.	US/AZ History	Democracy/ Free Enterprise
PE/Health	PE/Health or Weights/Health			
Fine Arts	Fine Arts	Spanish I	Spanish II	
CTE/Vocational	CTE Intro.	(<i>Level 1 CTE</i>)	(<i>Level 2 CTE OR NAVIT</i>)	(<i>Level 3 CTE OR NAVIT</i>)
Electives	Electives	Electives	Electives	Electives

Career and Technical Education (CTE) students have the opportunity to receive **national certification or dual enrollment credits** (*both college and high school credits*) while taking CTE classes at SJHS. Students wanting to participate in NAVIT Central their Junior and Senior year **must** take a CTE Intro class their Freshman year and be in their program of study, using **SJHS Flow Chart**, (see pg 27a) as their guide, in order to enter the NAVIT program. Some programs also require academic and class prerequisites. Be advised, **those students wanting to be in NAVIT need to prepare starting their freshman year**. Contact the NAVIT office to receive all needed information.

COLLEGE ENTRANCE REQUIREMENTS

These are GENERAL entrance requirements. All Universities and Colleges have the ability to determine their own unique requirements, so you will want to look at school individually. Also, Universities and Colleges do require specific GPA's, ACT/SAT scores, etc, to be a part of their entrance requirements. Check with each school individually for their unique requirements of incoming freshmen!

Junior Colleges (2-year colleges; offer Associates degree, not a Bachelors degree) do not have academic requirements, but have incoming students take placement tests (ASSET, COMPASS, etc). A combination of courses taken at a Junior College (ex: Northland Pioneer College) plus the courses taken at high school can be applied to the 4-year college requirements. For example, a high school student could take Algebra I, Geometry and Algebra II in high school, plus complete a full year of College Algebra at NPC, and the combination will equal the 4 years of math required by a 4-year college. Note: Credit Recovery science credits are not considered "lab" classes.

General 4-Year College/University Entrance Requirements:

Subject Area	# Credits
English 9, 10, 11, 12	4
Math Algebra I, Geometry, Algebra II, & at least one higher level math	4
Science – All Laboratory sciences	3
Social Studies: US/AZ History, Democracy/Free Enterprise	2
Foreign Language (must be the same language for both credits)	2
Fine Arts	1

EARLY GRADUATION REQUIREMENTS

St. Johns High is a four year institution whose academic curriculum and extracurricular offerings are designed to offer students the opportunity to experience a wide range of varied courses and activities which will help them to develop into capable, productive, and responsible young adults. It is the belief of the Governing Board that by taking full advantage of the four years of high school, students will graduate with the preparation, experience, and maturity needed to successfully move on to post high school academic pursuits, job training, and/or entry into the work force. Accordingly, students are strongly encouraged to complete the four year program offered by St. Johns High School.

The Governing Board will consider written requests for early high school graduation. Such requests must be submitted to the high school principal during the first half of the semester proceeding the semester of desired completion. Such a request must contain the reasons for the request and must be approved by the student's parents or guardian as evidenced by their signature along with that of the student on the letter of request.

The student will then meet with an early graduation committee made up of the school counselor, the department heads, and the principal to determine which classes have to be taken from community colleges or by correspondence courses from accredited schools in order for the student to meet all of St. Johns High School graduation requirements by the desired early graduation date. Such classes have to meet the specified requirements of the State of Arizona and those of the St. Johns Unified School District, including specific departmental, curricular requirements, as approved by the Governing Board. Such classes should be approved by St. Johns High School before a student begins taking them in order to ensure that they will meet the specific course graduation requirements and to comply with the North Central Association's (NCA) guidelines. NCA guidelines also stipulate that only four units of credit earned from extension and correspondence classes can be counted towards early graduation.

Students graduating early will be subject to the following restrictions which will apply to them once they have officially finished their graduation requirements:

1. Diplomas will only be awarded at the completion of the spring semester. However, final transcripts will be provided as soon as the graduation requirements have been met.
2. Students graduating early will not be allowed to participate in graduation ceremonies unless they are enrolled at St. Johns High School as full-time students during the immediately prior to the graduation ceremonies. This means that a student finishing his/her graduation requirements at the end of the fall semester, or sooner, would not be allowed to participate in graduation ceremonies in that he or she would no longer be a student at St. Johns High School. This restriction would also apply to any other activity planned for full-time St. Johns High School students.
3. Likewise, students finishing their graduation requirements by the end of the fall semester, or sooner, would not be eligible to be considered for senior class awards, including that of valedictorian and salutatorian.
4. Likewise, students finishing their graduation requirements by the end of the fall semester, or sooner, would not be allowed to go on the annual, senior year-end activity in the spring.

2010-2011

**Course Descriptions
&
Projected Course
Offerings**

Programs and courses listed in the booklet are *subject to change*. The number of students enrolled and the availability of qualified staff will determine what courses we can offer. *There is no guarantee that every course listed will be offered next school year.* Please select the core courses that you need and the electives that you would like to have and we will make every effort to accommodate your requests.

ENGLISH

NOTE: A three-ring notebook for organizing class materials will be required for all English classes.

English

ENG005 English 9

Two semesters

One English credit

Required: Grade 9

Hrs. of homework per week: 4

Texts: *Adventures in Reading; Warriner's English; To Kill A Mockingbird; Heros; Gods and Monsters of the Greek Myths; Wordly Wise Book 6*

Freshman English encompasses reading, vocabulary development, study skills, a plagiarism unit, language usage, paragraphs and basic compositions including the narrative, the process essay, and a character analysis. Students are introduced to a variety of literary terms and selections including *Romeo and Juliet*, mythology, a novel, short story, non-fiction documents, and essays. Book reports (one of which must be oral) and unit projects are required periodically throughout the year.

ENG006 English 10

Two semesters

One English credit

Required: Grade 10

Prerequisite: English 9

Hrs. of homework per week: 4

Texts: *Adventures in Appreciation; Warriner's English; Wordly Wise Book 7*

Sophomore English explores the genres of drama, poetry, and the novel. In addition, units on vocabulary, language usage, persuasion/propaganda, oral communication, expository writing, and AIMS preparation are taught. Book reports will be required throughout the year, one of which will be oral. Students will be tested in writing and reading to meet the requirements of the Arizona State Standards via the AIMS Test.

ENG007 English 11

Two semesters

One English credit

Required: Grade 11

Prerequisite: English 10

Hrs. of homework per week: 4

Texts: *Adventures in American Literature; Warriner's English; The Crucible; Of Mice and Men; Wordly Wise Book 8*

Junior English is the study of American literature and the development of the student's writing, reading, and thinking skills. The curriculum incorporates language usage and vocabulary throughout the writing process. Expository and persuasive essays, as well as the research paper comprise the writing focus. Various speeches will be delivered throughout the year. Book reports will be required. Students not passing the AIMS tests in 10th grade will be tested in writing and reading to meet the requirements of the Arizona State Standards.

ENG008 English 12

Two semesters

One English credit

Required: Grade 12

Prerequisite: English 11

Hrs. homework per week: 4-5

Texts: *Adventures in English Literature; Warriner's English; Hamlet; Wordly Wise Book 9*

The senior course is a broad survey of English history and literature. Critical thinking and writing skills will be emphasized. Book reviews will be required throughout the year. The focus is on basic expository writing, vocabulary skills, language usage, and literary analysis. Composition techniques are reviewed and employed in the writing of several essays. All students will evaluate effectiveness of a variety of literary pieces. Students not having yet passed AIMS will be tested in writing and reading to meet the requirements of the Arizona State Standards.

Honors English (college preparatory)

ENG011 Honors English 11

ENG012 Honors English 12

Two semesters

One English credit: Weighted

Prerequisites: Teacher recommendation, parental approval, A average in previous year's English class

Hrs. homework per week: 5-7

Texts: *Adventures series (grade appropriate); Warriner's English; Hamlet; Jane Eyre; The Scarlet Letter (11th); Heart of Darkness (12th); Wordly Wise (grade appropriate), The Great Gatsby (11th)*

The core curriculum is the same as the regular English program. This series of courses, however, is for serious students who are interested in preparing themselves for the rigors of college English. The classes are demanding, especially in the areas of reading and writing. Students will be expected to have mastered the basic English skills, have a substantial vocabulary, and be able to grasp complex and abstract ideas, as well as to discuss these ideas articulately. Special attention will be given to the development and expansion of critical reading, writing, and discussion skills. An A or B average must be maintained in the class.

AUX018 AIMS Writing Remediation

AUX019 AIMS Reading Remediation

One semester

One half elective credit per semester

Grades 11, 12

These classes will be required of all students who did not pass the tenth grade AIMS Reading and/or Writing Test. This class must be taken in addition to a regular English class. It will receive elective credit and not English credit.

Remediation classes will be one semester in length. A student that is deficient in both reading and writing will take the preparatory class for the test he/she is closest to passing the first semester. Second semester, the student will take the other preparatory class. If both the classes are offered first semester, students needing them may be signed up for both. Students who may not pass the AIMS after taking it a second time will be assigned another remediation class.

MATHEMATICS

For the classes of **2011 & 2012**, Geometry must be included in the math credits.
Starting with the Class of **2013**, Algebra II must be included in the math credits.

Note: 4-year colleges require 4 years of mathematics

Math Sequence per Graduation Year

(An arrow (→) indicates moving to the next required math class)

Graduation Year	Freshmen Year	Sophomore Year	Junior Year	Senior Year
2011 <i>2 credits to include Geometry</i>	Geometry (required) → Algebra I → Pre Algebra →	Algebra II Geometry (required) Algebra I →	Advanced Math or College Alg. (choice) Algebra II (choice) Geometry (required)	Calculus or College Alg. (choice) Advanced Math or College Alg. (choice) Algebra II (choice)
2012 <i>3 credits to include Geometry</i>	Geometry (required) → Algebra I → Pre Algebra →	Algebra II → Geometry (required) → Algebra I →	Advanced Math or College Alg. (choice) Algebra II Geometry (required)	Calculus or College Alg. (choice) Advanced Math or College Alg. (choice) Algebra II (choice)
2013 + <i>4 credits to include Algebra II</i>	Geometry → Algebra I → Pre Algebra →	Algebra II (required) → Geometry → Algebra I →	Advanced Math or College Alg. (choice) → Algebra II (required) → Geometry →	Calculus or College Algebra Advanced Math or College Alg. (choice) Algebra II (required)

MAT003 Pre-Algebra

Two semesters

One Math credit

Prerequisite: None

Hrs. homework per week: 1-2

Text: Prentice Hall: *Pre-algebra*

This course covers the basics of mathematics including whole numbers, fractions, decimals, percents, and some geometry. Variables are introduced early in the course and are used to make the transition from arithmetic to algebra easier. This course does not meet the 4-year college math requirement.

MAT004 Algebra I

Two semesters

One Math credit

Prerequisite: Pre-Algebra or teacher approval

Hrs. homework per week: 4-5

Text: Prentice Hall: *Algebra I*

This course introduces several topics in algebra including equations, polynomials, factoring, graphing, systems of equations, and inequalities. Students will apply these algebraic techniques to real-world problems.

MAT005 Geometry

Two semesters

One Math credit

Prerequisite: Algebra I

Hrs. homework per week: 2-6

Text: Prentice Hall: *Geometry*

This course uses extensive algebra to investigate perimeters, areas, and volumes of different geometric shapes. Course uses mathematical models and geometry postulates and theorems to solve angle and dimension problems. This course assigns daily homework.

MAT006 Algebra II

Two semesters

One Math credit

Elective: Grades 10, 11, 12

Prerequisite: Geometry

Hrs. homework per week: 5-10

Text: Prentice Hall: *Algebra 2 with trigonometry*

This course continues a logical sequence of study in real number operations, equations and inequalities, polynomials, quadratic equations, functions, logarithms, matrices, statistics, and trigonometric functions.

MAT007 Advanced Mathematics

Two semesters

One Math credit: Weighted

Elective: Grades 11, 12

Prerequisite: Algebra II

Hrs. homework per week: 10-12

Text: *Advanced Mathematics*

This course is designed to prepare the serious student for college calculus. It builds upon the foundation laid in its prerequisite courses. Topics include fundamentals of algebra, function, mathematical induction, matrices, ordered fields, topics of analytical geometry, trigonometry, limits, and introductory calculus.

MAT008 Calculus

Two semesters

One Math credit: Weighted

Elective: Grade 11 or 12

Prerequisites: Advanced Math or teacher permission

Hrs. homework per week: 8-10

Text: Varberg and Purcell: *Calculus with Analytic Geometry*

Calculus has two main problems, those of tangents and area. Each problem is studied for a semester. Calculus is a college preparatory course for students who have ambitions and interests in a possible career in engineering, the sciences, or mathematics.

*** NEW ***

MAT013 College Algebra (NPC MAT152 Advanced Algebra)

Two semesters

One Math credit (3 college credit hours): Weighted

Meets math requirement: Grade 11 or 12

Prerequisite: Algebra II, satisfactory placement on the COMPASS test and teacher recommendation

Hrs. homework per week: 5

This course covers algebraic concepts at the college level. The approach is intuitive and interactive, with an emphasis on real-life applications and the use of current technologies, particularly graphing calculators. Coursework includes a review of basic algebra, progressing to techniques for solving equations and inequalities both algebraically and graphically. Also covers polynomial, rational, radical, exponential and logarithmic functions and their graphs, as well as sequences, series and combinatorics; T1-83 calculator required.

AUX021 AIMS Math Remediation

One Semester

One half elective credit per semester

Grades 11, 12

Computer Based

This course is designed to help the students that have not passed the AIMS Math Test. It will be a required class for upperclassmen that have not passed the tenth grade AIMS Math Test. It will be a computer-based class using AIMS Math Remediation software. It will cover the following topics: fractions and decimals; number sense; measurement; data analysis and probability; algebra, geometry, structure and logic. Elective credit is earned for this course.

SCIENCE

For classes 2011 & 2012, Integrated Science and Biology are required for High School graduation.
Starting with the Class of 2013, three Science credits are required, and must include Biology.

SCI001 Integrated Science

Two semesters
One Science credit
Required for Graduation
Meets Integrated Science/Lab science requirement
Grade 9
Prerequisites: none
Hrs. homework per week: 2
Text: Pearson: *Physical Science*

This is an activity-and-inquiry-based course relating chemistry, physics, and earth science to technology and society. **This is a required course for the classes of 2011 and 2012.** Starting with the class of 2013, freshmen will have the option to take either this course or Biology (see biology requirements below).

SCI002 Biology

Two semesters
One Science credit
Required for Graduation
Meets Biology/Lab science requirement
Grades 10,11,12 (**9th Grade= Teacher approval and concurrent enrollment in Algebra I**)
Co-requisite: Algebra I
Hrs. homework per week: 2
Text: *Biology*; *BSCS: A Human*

This course covers evolution, homeostasis, energy, matter, continuity in living systems, and ecology. This course counts as a laboratory science for college bound students.

SCI003 Chemistry

Two semesters
One Science credit
Grades 10, 11, 12
Meets lab science requirement
Prerequisite: Geometry
Hrs. homework per week: 2
Course fee: \$5 (for goggles)

This is a college preparatory course. Topics include the study of atomic structure, electron configuration, periodic law, chemical bonding, chemical equations, gas laws, solution chemistry, acids-base chemistry, and nuclear chemistry. Laboratory work is done on a regular basis. This course will count as a laboratory science for university enrollment purposes.

SCI006 Human Anatomy and Physiology

Two semesters
One Science credit
Meets lab science requirement
Grades 10, 11, 12
Prerequisite: Biology
Hrs. homework per week: 2
Text: *Anatomy and Physiology*
Course Fee: \$5.00

This course is intended for students with a strong interest in biology and an eventual medical science career goal. This course will count as a laboratory science for university enrollment purposes.

SCI005 College Chemistry (NPC CHM 130- Fundamentals of Chemistry)

Two semesters
One Science credit (4 college credit hours): Weighted
Elective: Grades 11 & 12 only
Meets lab science requirement
Prerequisite: Algebra II, and satisfactory placement on the ASSET or COMPASS test and teacher recommendation
Hrs. homework per week: 5
Course Fee: \$5.00

A fundamental college chemistry course for general education, nursing/allied health and non-chemistry major students. This is a four-credit hour course at Northland Pioneer College. All students must have completed placement from the ASSET or COMPASS test **before** classes begin.

SCI004 Physics

Two semesters
One Science credit: Weighted
Elective: Grades 11, 12
Meets lab science requirement
Co requisite: Algebra 2
Hrs. homework per week: 3

This course covers the topics of velocity and acceleration, linear and rotary motion, forces, energy, gravitation, relativity, waves, and electricity. This course counts as a laboratory science for college bound students.

SCI015 Advanced Science CSI

One Science credit
Prerequisites: Biology
Text: *Criminalistics* (an introduction to forensic science and accompanying laboratory manual, recommended only), Prentice Hall for H.S. Forensic Science
Course Fee: \$10.00

Laboratory-based science course with extra emphasis on lab, hands-on forensics field research, advanced biology/chemistry/physics, and crime analysis. Additional focus on national and State Science Standards and current advancements in forensic science.

SOCIAL STUDIES

SST001 World Geography/History

Two semesters

One Social Studies credit

Required: Grade 10

Hrs. homework per week: 2.5

Text: *World History: Perspectives on the Past*

This course is a study of major world cultures with an emphasis on government, religion, geographic influences, and evolution of thought from pre-history to the start of World War I. This is a course offered to sophomores and is required for graduation. Through the study of geography, the student will explore and discover the processes that shape the earth, the relationship between people and environments, and the links between people and places.

SST002 United States/Arizona History

Two semesters

One Social Studies credit

Required: Grade 11

Prerequisite: None

Hrs. homework per week: 2.5

Text: *The Americans*

American History is offered as a junior course and is required for graduation. This course is a study of American History from the Reconstruction Period up to the present. A unit in Arizona History will also be taught.

SST003 Democracy/Free Enterprise

Two semesters

One Social Studies credit

Required: Grade 12

Prerequisite: American/Arizona History

Hrs. homework per week: 2

Text: *Government in the United States, The Americans*

One semester provides a survey of our American system of government. Democratic and U.S. Constitution principles will be analyzed. Their current applications will be stressed. The role, duties, and functions of the Executive, Legislative, and Judicial branches are covered in an historical perspective. A unit in Arizona government will also be taught.

The semester of Free enterprise consists of an overview of basic economic principles including factors of production, economic systems, demand and supply, price equilibrium, market structure, and market competition. Modern corporate America will be investigated in depth. The role of the government in the American economy will also be covered. Topics include taxation, government economic statistics, Federal Reserve board, and other current macroeconomic issues.

FINE ARTS

Visual Arts:

*** NEW ***

FA016 Art/Photography

Two semesters

One credit

Elective: Grades 9,10,11,12

Fee: \$10.00

In this course, students express their visual creativity through drawing, painting, crafts, photography and other visual mediums. Students will demonstrate creative self-expression as they learn basic skills and techniques. Arizona State and St. Johns Unified School District Standards are integrated into the curriculum

Performing Arts:

FA001 Band

Two semesters

One credit

Elective: Grades 9,10,11,12

Prerequisite: Experience with a band instrument

Fee: \$10.00

Band is a performing organization for students with previous experience on a band instrument. Participation in band requires effort, commitment, and a desire to improve. Practicing is required as well as good attendance, positive attitude, and commitment.

Members of the ensemble will be expected to sing and perform (alone and with others) a varied repertoire of music, improvise melodies (themes), compose/arrange music within specified guidelines, read and notate music, listen to, analyze, and describe music, evaluate music and music performances, as well as study the relationship between music, the other arts, and disciplines outside the arts.

Activities include playing at home football and basketball games, parades, festivals, and community events in addition to one formal concert per semester. Selected students will also have the opportunity to participate in solo/ensemble and regional honor groups.

FA002 Orchestra

Two semesters

One credit

Elective: Grades 9,10,11,12

Prerequisite: Experience with a string instrument

Fee: \$10.00

Orchestra is a performing organization for students with previous experience on a string instrument. Participation in orchestra requires effort, commitment, and a desire to improve. Practicing is required as well as good attendance, positive attitude, and commitment.

Members of the ensemble will be expected to sing and perform (alone and with others) a varied repertoire of music, improvise melodies (themes), compose/arrange music within specified guidelines, read and notate music, listen to, analyze, and describe music, evaluate music and music performances, as well as study the relationship between music, the other arts, and disciplines outside the arts.

Activities include playing at festivals and community events in addition to one formal concert per semester. Selected students will also have the opportunity to participate in solo/ensemble and regional honor groups.

FA003 Chorale

Two semesters

One Fine Arts credit

Elective: Grades 9,10,11,12

Memorization of individual parts required

Fee: \$10.00

The Chorale is a performing organization for both beginning and intermediate choral music students. The group will study and perform all styles of music with an emphasis on classically-oriented pieces. There will also be an emphasis on the basic elements of musicianship and singing technique including sight-reading. The chorus performs a minimum of two concerts per year along with solo and ensemble contests and other appearances chosen by the director. There is a set uniform required for all concerts or any performance. A grade sheet is given to students during the first week of class which outlines the grading policy and schedule of events. One year in this choir is required to audition for the Show Choir

FA013 Show Choir

Two semesters

One Fine Arts credit

Elective: Grades 9, 10, 11, 12

Prerequisite: **By permission of the director only.**

Memorization of individual parts required

Fee: \$10.00

The Show Choir is a choir of mixed voices for students of advanced singing ability. This is a choir which will perform music of all styles and periods with an emphasis on jazz, religions, folk, swing, and Broadway. Some dancing will be required according to the specific performance. Because this is the main choral performing group, students must be willing to perform on short notice. The group will present a minimum of two formal concerts per year, with other appearances, including festivals, contests, and community events. Attendance at all rehearsals and performances will count towards a student's grade. Regional auditions are required.

By permission of the director only.

INCLUSION CLASSES

THESE COURSES ARE FOR STUDENTS IN NEED OF SPECIAL SERVICES.

The student is enrolled in regular classroom courses as the full inclusion program dictates. A resource teacher or paraprofessional attends certain classes to support students in that particular class and to receive information about subject matter to aid students in academic support classes. Students enrolled in academic support classes receive supplemental instruction in the resource room.

Elective Courses

SE005 Resource Academic Support/Study Skills

Two semesters

One elective credit

Grades 9, 10, 11, 12

Prerequisites: Qualification for resource program or resource teacher/administration approval

Hrs. Homework per week: As needed

Texts: Mainstream texts

This course will provide resource support for special education students in their regular education courses. Special education students will be given the opportunity for additional time, help, and reinforcement with their regular education subjects. Study skills will be taught. Must be in at least five mainstream classes.

SE009 Employment Skills

Two semesters

One elective credit

IEP directed, Grades 11, 12

Prerequisite: Qualification for resource program, student cannot be on probation in a paid position.

This course is designed for actual hands-on job exploration doing various jobs throughout the school. A stipend will be paid for work that is done. A resource program student must be at least sixteen (16) years old to take this course.

FOREIGN LANGUAGE

FL001 Spanish 1

Two semesters

One Fine Arts credit

Elective: Grades 9, 10

Prerequisite: Competence in language arts

Hrs. homework per week: 1

Text: *Realidades 1 & Workbook*

Fee: \$1.00

This course is designed to teach the fundamentals of the Spanish language with an emphasis on listening, speaking, and writing. A conversational approach emphasizing the spoken word will be used. Second semester will have more emphasis on reading and writing. Students will be exposed to Hispanic culture as well. Some memorization of finger plays is required.

FL002 Spanish 2

Two semesters

One Fine Arts credit

Elective: Grades 10, 11

Prerequisites: Success in Spanish 1 and teacher approval

Hrs. homework per week: 2

Text: *Realidades 2 & Workbook*

Fee: \$2.00

This course is a continuation of fundamentals with an emphasis on the development of the skills of reading, listening, comprehension, speaking, writing, and culture. Some memorization of finger plays will be required.

HEALTH AND PHYSICAL EDUCATION

PE001 Physical Education/Health

Two semesters
One PE credit
Meets Graduation Requirement
Prerequisite: None
Hrs. homework per week: 1 (Health)
Fee: \$10.00

Introduction to Physical Education is a course designed to introduce students to a variety of physical fitness activities. Students will participate in individual and team activities that will enable them to choose activities suitable to their likes and lifestyles.

PE009 Weights/Health

Two semesters
One PE credit
Meets Graduation Requirement
Prerequisite: None
Hrs. homework per week: 1 (Health)
Fee: \$10.00

Introduction to Weights is a course designed to introduce students to a variety of weight training activities.

PE002 Girls Weight Training

PE003 Boys Weight Training

Two semesters
One PE credit
Elective: Grades 9,10,11,12
No prerequisite
Hrs. homework per week: None
Fee: \$10.00

This course is designed to introduce the student to a means of physical activity through the implementation of various strength programs and strength training exercises.

*** NEW ***

PE010 Aerobics (Girls)

Two semesters
One PE credit
Elective: Grades 9,10,11,12
No prerequisite
Hrs. homework per week: None
Fee: \$10.00

This course is open to girls only in any grade, designed to increase physical fitness level. Activities include high & low impact aerobics, step aerobics, walking, stair climbing, abdominal workouts, muscle conditioning and yoga.

ELECTIVE OFFERINGS

AUX042 Reading Lab (formally Study Hall)

Two semesters

0.5 credits

Elective: Grades 9,10,11,12

Reading Lab is a class designed for students who want to improve and increase their reading and writing skills, their overall study skills, and grades in all of their classes. Assignments will consist of independent reading and study via traditional and electronic media. There will be some small group and individual instruction. Daily attendance and completion of assigned work is required. Grades can be either pass/fail or letter grades.

AUX022 Academic Decathlon Preparation

Two semesters

One elective credit: Weighted

Elective: Grades 9,10,11,12

Hrs. homework per week: 5; Text: Variety of printed materials

This course is primarily designed to teach outlined material from the United States Academic Decathlon study guide. The curricular theme for 2010-2011 will be The Great Depression. Super Quiz will focus on geology and the Dust Bowl and the featured novel will be Steinbeck, Grapes of Wrath. The art and music will focus on 1930's American art and music.

AUX036 Peer Tutoring

Two semesters

One Elective credit

Grades 11, 12

A Peer Tutor will assist and support special education students with their regular education courses. The peer tutor will provide tutoring to resource students by helping them complete regular education assignments and study for regular education tests. This is under the direction and supervision of the resource teacher. Duties will vary depending on resource students' homework.

*** NEW ***

AUX044 Journalism/School Newspaper

Two semesters

One Elective Credit

Elective: Grades 9,10,11,12

Fee: \$5.00

This class reinforces all the reading, writing and discussion skills taught in regular English classes. Topics studied include the influence of journalism in America and legal and ethical considerations of the student press. Students read, write about, and discuss/critique local newspaper stories as well as a variety of student publications. Students learn about reporting, including researching, interviewing, writing and editing news stories. In addition to writing and discussing skills, students learn variety of interdisciplinary skills including word processing, desktop publishing, design, photojournalism and the business considerations of the school newspaper. Students read a variety of essays and nonfiction works and contribute stories to the student newspaper and news letter.

*** NEW ***

VOC013 Child Development

Two semesters

One Elective Credit

Elective: Grades 10, 11, 12

Fee: \$5.00

This course will emphasize knowledge and understanding of the intellectual, physical, social, and emotional development of children from conception through adolescence. The content will center around the following duty areas: Managing & organizing child development by applying decision-making and goal-setting skills; promoting child development by applying physical, social, intellectual, and emotional principles; practicing health and safety standards for children; providing experiences encouraging children to maximize resources; encouraging human relationship skills in children, and evaluating family and career changes in relation to the impact they have on children.

AUX024 Law Related Education

One Elective credit

Grades 9-12

In this class we discuss how laws are made, how laws impact the individual, and what laws mean to each of us. We also discuss past and current events and the effects of these events on us. In addition, we evaluate different media and books, and discuss their relevance in today's society.

RELEASE TIME & AIDING

AUX010 Teacher's Aide

AUX005 Main Office Aide

AUX006 Counseling Office Aide

Two semesters

.5 elective credits for Teacher's Aide; 1.0 elective credits for other Aiding Positions

Elective: Grades 11, 12

The following qualifications and stipulations govern student aide opportunities: (1) only junior and senior students are eligible; (2) the student must have the teacher's and counselor's approval; (3) the staff member will determine qualifications according to the nature of his/her discipline and the abilities of the student involved; (4) candidates must have a minimum grade point average of a "C" or 2.0; (5) grading will be on a basis of **pass/fail**. A student will be allowed to be an aide for only one period of the school day. Each teacher will be allotted only one aide per calendar year unless approved by the administration.

AUX003 Religious Release

Two semesters

0 credits

Elective: Grades 9,10,11,12

This student option excuses a student for one period of off-campus religious education. **No credit** will be given for this class. Parent/Guardian permission is required.

AUX009 Senior Release Time

Two semesters

0 credits

Elective: Grade 12

Senior students requesting "Release Time" must meet the following criteria:

1. The student will have acquired enough total credits during the course of his/her senior year to enable him/her to graduate on schedule.
2. The student will be enrolled in a minimum of 5 credit courses not counting religious release time and/or study hall. Internship does count for 1 class.
3. The student will have a minimum AGPA of 2.0 through the previous semester.
4. The student **must have employment** necessitating this released time. The employment must be specific and verifiable. Must have an application completed and signed by parents and principal.
5. Both parents and students must understand the terms of this release time agreement which are as follows:
 - a) The student cannot be on campus during his/her release time.
 - b) The student's release time must be compatible with the student's class schedule (release time periods 1, 2 or 6, 7). Release time will not be given for one period in the middle of the school day.
 - c) The student must present verification of job employment to school officials by the beginning of school in August in order for the student to obtain senior release time. If the student loses his/her job or quits, he/she must enroll in other courses at the high school.

AIMS REMEDIATION AND CREDIT RECOVERY

AUX018 AIMS Writing Remediation

AUX019 AIMS Reading Remediation

One semester

.5 elective credits

Grades 11, 12

These classes will be required of all upper classmen who have not passed the tenth grade AIMS Test. This class must be taken in addition to a regular English class. It will receive elective credit and not English credit. Remediation classes will be one semester in length. A student that is deficient in both reading and writing will take the preparatory class for the test he/she is closest to passing the first semester. Second semester, the student will take the other preparatory class.

AUX021 AIMS Math Remediation

One Semester

.5 elective credits

Grades 11, 12

Computer Based

This course is designed to help the students that have not passed the AIMS Math Test. It will be a required class for upperclassmen that have not passed the tenth grade AIMS Math Test. It will be a computer-based class using AIMS Math Remediation software. It will cover the following topics: fractions and decimals; number sense; measurement; data analysis and probability; algebra, geometry, structure and logic. Elective credit is earned for this course.

Credit Recovery

CR000 Credit Recovery

The Credit Recovery lab is for students who are successful in the traditional classroom but are in need of additional credit(s). Each course is computerized and self-paced to assure individualized curriculum. Motivated students wishing to enroll in this class must be in good academic standing, in compliance with attendance policies and have limited discipline referrals. Low student to teacher ratios allow for more one-on-one instruction. Students have to complete the Permission Form in order to enroll in the Credit Recovery. The Permission Form must be signed by all concerned parties, specifying the reasons why the student was unsuccessful in the previous attempt at each specific class. Students will not be allowed to make-up any class in Credit Recovery that they failed intentionally in the traditional classroom. They will be allowed to make it up in Summer School, for a fee or be transferred to the St. Johns Learning center (alternative school). All Credit Recovery enrollments are subject to administration, IEP teacher, counselor, and Credit Recovery Director's approval. Credit recovery classes are not intended for and will not be used as a substitute for taking the traditional classes in our regular schedule.

Please see counselor for admission requirements and paperwork. **Students must have approval from the principal to be enrolled in any Credit Recovery class.**

CAREER AND TECHNICAL EDUCATION (CTE)

The district affirms that it does not discriminate on the basis of race, color, natural origin, sex, age, or disability in access or admission to, success or treatment in, any of its educational programs, activities, or employment opportunities.

The district will assure that no IDENTIFIED HANDICAPPED PERSON shall, on the basis of HANDICAP, be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity which receives or benefits from federal financial assistance.

VOC200 Diversified Cooperative Education (DCE)/Internship

Two semesters

One credit

Prerequisite: Senior with Two or more Career & Technical Education classes in same program area.

The Internship program is designed to prepare vocational students for an occupation upon graduation. The course stresses job readiness skills, life skills, and identification of good work ethics. Students are required to attend four periods of classes, one of which is a Career Preparation class. Each student in the program is assigned to on the job training for approximately 20 hours per week. Student, parent, and business partner contracts and documentation of time logs and pay stubs required.

Business Management and Administrative Services (BMAS)

CTE001 Introduction to Business and Technology

Two semesters

One credit

Required: Grades 9 for students choosing the NAVIT Business or Networking Technician Career Path

Hrs. of homework per week: 2

Text: Glencoe: *Introduction to Business/Computer Applications*

This course offers students a look at business as well as computer applications and keyboarding. Students will have a better understanding of self and the strengths they bring to the job market. Students will research careers in business and technology and update 4-year plans through AZCIS and receive hands on application of the career in which they are interested. Secrets of Exceptional Speaking will be integrated. Basic keyboarding skills for personal, secretarial and professional data processing uses will be taught. This course is a prerequisite for students choosing the NAVIT Local Business Program or the NAVIT Cosmetology their 11th and 12th grade year. Students are encouraged to participate in the student organization, Future Business Leaders of America (FBLA).

CTE006 Introduction to Business Management and Administrative Services

Two semesters

One credit

Required: Grades 10 for students choosing the NAVIT Business or Networking Technician Career Path

Hrs. of homework per week: 2

Text: Glencoe: *Introduction to Business/Computer Applications*

This course offers students a look at business as well as computer applications and keyboarding. Students will be exposed to a sampling of different courses offered by the business department, such as, accounting, marketing, business law, communications, record keeping, business management, and business economics. Basic keyboarding skills for personal, secretarial and professional data processing uses will be learned as well as computer applications from Word, Excel, Access, Power Point, and Publisher. This course is a prerequisite for students choosing the NAVIT Local Business Program or the NAVIT Networking Technician Program their 11th and 12th grade year. Students are encourage to participate in the student organization, Future Business Leaders of America (FBLA).

VOC040 Business Management & Administrative Services (BMAS)/Redskin Graphic Intro (BMAS)



Two semesters

Two credits per semester; Two hour block

NPC/NAVIT Dual Enrollment

Elective: Grades 11, 12

Prerequisite: Business Management and Administrative Services (CTE006)

Text: *Supervisory Management, Fundamentals of Accounting, Small Business Management, Microsoft Office 2007*

Students will learn technical skills and knowledge related to economics, management, and administrative support functions of business. This class is also the introductory class to Redskin Graphics. Students will learn marketing, sales, merchandising, finance and record keeping, customer service, ordering, and the basics of running a business through simulations and real world experiences, while experiencing hands on how a real business runs. Students will have the opportunity to receive 12 receive NPC dual enrollment credits. Students are encouraged to participate in the student organization Future Business Leaders of America (FBLA).

VOC026 Redskin Graphics



Two semesters

Two credits per semester; Two Hour Block

NPC/NAVIT Dual Enrollment

Elective: Grades 12

Prerequisite: VOC040 BMAS/Redskin Graphics Intro.

Text: Glencoe: *SBM Business Plan, SBM Marketing Plan, Automated Accounting QuickBooks*

Redskin Graphics is a student operated business that is housed on campus in Ms. Roger's classroom. Students work during class time and some extra curricular activities to create and market t-shirts and apparel, business stationary and graduation announcements, vinyl decals, and laser engraved awards/plaques. This course is designed to provide hands-on learning opportunities for students interested in marketing and business. It will involve the actual operation of a store within the school. Students enrolled in the class will serve as sales staff, supervisors and managers. Students activities will include: learning public relations skills by ordering supplies and communicating with customers, management skills by accounting for funds, inventory, and customer records, and office supervisory skills. Students will receive 12 NPC dual enrollment credits towards a Certificate of Applied Science/Associate of Applied Science in Small Business. Students are encouraged to participate in the student organization Future Business Leaders of America (FBLA).

Family and Consumer Sciences (FACS)

CTE002 Introduction to Education and Public Services

Two semesters
One credit
Elective: Grade 9
Prerequisite: None
Lab Fee: \$20.00

This class is the prerequisite course for Culinary Arts I, Education Professions, Cosmetology, Nursing, and Fire Science. Students will have a better understanding of self and the strengths they bring to the job market. Students will research careers in education, and public and health services and update 4-year plans through AZCIS. Secrets of Exceptional Speaking will be integrated. Students will develop teamwork, leadership, communication, interpersonal skills, problem-solving, and decision-making skills. Students will learn about different areas of FACS: wellness, careers, resource management skills, human development, and relationship skills. Culinary career pathway students are encouraged to participate in Family, Career, and Community Leaders of America (FCCLA).

VOC009 Culinary Arts I

Two semesters
One credit
Elective: Grades 10th grade
Prerequisite: Introduction to Education and Public Services
Text: *Food Science; Food Service Professional Year 1 & 2*
Lab Fee: \$20.00

This class is intended to develop skills used in social/personal services occupations such as food service, health service and hospitality. Activities will be hands-on and action-oriented as much as possible. Students will develop teamwork, leadership, communication and interpersonal skills, problem-solving and decision-making skills. Students will learn basic food planning and preparation that can be used at home and in food service establishments. Labs will be held to give hands-on experience. The main areas are: nutrition, food safety, laboratory procedures, and safety practices and careers. The students are encouraged to participate in Family, Career, and Community Leaders of America (FCCLA).

VOC010 Culinary Arts II

Two semesters
Two credits per semester; Two Hour Block
Elective: Grades 11, 12
Prerequisite: Culinary I
Text: *The Sous Chef*
Lab Fee: \$20.00



Students will learn food planning, preparation and service techniques that can be used at home and in food service establishments. Students will prepare food for class members as well as for paying guests. Students in this class are encouraged to participate in the Family, Career, Community Leaders of America “Culinary Arts competition,” and C-CAP (Careers through Culinary Arts Program). Upon completion, students have the opportunity to receive 16 hours of credit from Scottsdale Community College.

VOC046 Culinary Arts III



Two semesters
Two Hour block
Two credits
Elective: Grades 12
Prerequisite: Into to Education & Public Services, Culinary Arts I & II
Hrs. homework per week: 1
Text: *The Sous Chef*
Lab Fee: \$20.00

Students will open a dining room to staff and certain students during lunch period one day per week. There is a strong focus on responsibility skills. Students rotate through these positions: cashier, food prep, food service, manager, and dishwasher. Students are encouraged to participate in FCCLA and C-CAP. Upon completion of class, student can receive 14 hours credit from Scottsdale Community College.

Automotive Technology

CTE003 Introduction to Transportation and Construction

Two semesters
One credit
Elective: Grade 9
Prerequisite: None

This course offers students a look at professions in the field of transportation and construction. Students will have a better understanding of self and the strengths they bring to the job market. Students will research careers and update 4-year educational plans through AZCIS and receive hands on application of the career in which they are interested. Secrets of Exceptional Speaking will be integrated. Basic automotive, welding, technology, and safety skills will be taught. This course is a prerequisite for students choosing: NAVIT Local Automotive I, II, III, Local Welding, NAVIT Central Automotive program, NAVIT Heavy Equipment Program, NAVIT Welding Program and the NAVIT Industrial Maintenance Program their 11th and 12th grade year.

VOC004 Automotive Technology I

Two semesters
One credit
Elective: Grades 10
Prerequisite: Introduction to Transportation and Construction or Introduction to Construction and Technology
Hrs. homework per week: .5
Text: *Auto Book I*
Fee: \$10.00

Automotive Technology I prepares the student to apply basic technology knowledge and skills in safety, adjustment, parts replacement, maintenance and repair of automobiles and light trucks. Students are orientated in the various systems of the automobile to include brake system, engine, power train, cooling, electrical, tires and fuel systems. Students will also gain an understanding of financial operations in small business and participate in leadership development in the field of automotive technology. Students are encouraged to participate in SkillsUSA.

VOC005 Automotive Technology II

Two semesters

Two credits per semester

Two hour block

NAVIT/NPC

Elective: Grades 11, 12

Prerequisite: Intro to Transportation and Construction, Automotive Technology I

Hrs. homework per week: .5

Text: *Modern Automotive Technology*

Fee: \$10.00

This course provides advanced insight and practice into the automotive field, emphasizing trouble shooting, on-the-spot repair, and demonstrating overhauls of the power train and engine. Safety, adjustments, maintenance and parts replacement to repair automobiles and light trucks will be taught. Students will be introduced to four areas: 1) braking systems; 2) electrical/electronic systems; 3) steering and suspension systems; and 4) engine performance diagnosis and repair. Students will participate in work-based learning experiences and prepare for employment in the Automotive Industry. Students will have the opportunity to participate in SkillsUSA.

VOC048 Automotive Technology III

Two semesters

Two credits per semester

Two hour block

NAVIT/NPC Certificate of Applied Science

Elective: Grades 12

Prerequisite: Introduction to Transportation & Construction, Automotive Technology I & II

Hrs. homework per week: .5

Text: *Modern Automotive Technology*

Fee: \$10.00

This class provides students with higher levels of technical knowledge and skills to maintain, diagnose, and repair automobiles and light trucks. In-depth knowledge needed to troubleshoot four areas: 1) braking systems; 2) electrical/electronic systems; 3) steering and suspension systems; and 4) engine performance analysis. Graduates should be able to pass the ASE tests for each of the four areas. The class will include the study and promotion of alternative power sources in vehicle engines and propellants. Students will be involved in the electric vehicle project; DC & AC circuits. Student will have the opportunity to participate in SkillsUSA.

VOC025 Welding

Two semesters

One credit

Elective: Grades 10, 11, 12

Prerequisite: Introduction to Transportation & Construction or Intro to Construction and Industrial Technology

Hrs. homework per week: .5-1

CTSO: SkillsUSA

Text: *Modern Welding 10th Edition & NCCER Core curriculum*

Fee: \$10.00

Welding is a basic course in welding, machining, sheet metal, and foundry. Basic welding includes arc welding, TIG welding, and MIG welding. Machining includes working on the lathe and the mills. Sheet metal is bending, cutting, spot welding, riveting, and soldering. Foundry is the molding and the pouring of hot metals. Students will have the opportunity to learn how to program and operate PlasmaCam. NCCER, nationally accredited craft core curriculum will be taught and students who complete the program will have the opportunity to receive NCCER Core Certification. CTSO: SkillsUSA

Construction Technology

CTE004 Introduction to Construction and Manufacturing Technology

Two semesters

One credit

Elective: Grades 9

Prerequisite: Hrs. homework per week: .5

Fee: \$15.00

This course offers students a look at professions in the field of construction and manufacturing. Students will have a better understanding of self and the strengths they bring to the job market. Students will research careers and receive hands on application of the career in which they are interested. Basic technology, construction, and safety skills will be taught. This course is a prerequisite for students choosing: NAVIT Local Automotive I, II, III, Local Welding, Local Construction and Industrial Technology. NAVIT Central Automotive program, NAVIT Heavy Equipment Program, NAVIT Welding Program, and the NAVIT Industrial Maintenance Program their 11th and 12th grade year.

CTE008 Construction and Manufacturing Technology

Two semesters

One credit

Elective: Grades 10

Prerequisite: Hrs. homework per week: .5

Text: *Modern Carpentry & NCCER Core Curriculum*

Fee: \$15.00

NCCER, Nationally accredited craft training Core Curriculum will be taught. This program introduces the student to basic safety, construction math, power tools, electrical theory, teamwork, understanding financial operation, reading blueprints, and basic rigging. There will be field trips to actual construction of house or other building structure sites. Basic units comprising this course are framing, roofing, electrical, plumbing, and cabinetry. Students who complete the program have the opportunity to receive NCCER Certification.

Graphic Communications

CTE005 Introduction to Communication & Information Technology

Two semesters

One credit

Elective: Grade 9

Prerequisite: None

This course offers students a look at professions in the field of Communication and Technology. Students will have a better understanding of self and the strengths they bring to the job market. Students will research careers and update 4-year educational plans through AZCIS and receive hands on application of the career in which they are interested. Secrets of Exceptional Speaking will be integrated. Basic technology, construction, and safety skills will be taught. This course is a prerequisite for students choosing: NAVIT Local Automotive I, II, III, Local Welding, Local Construction Technology I, NAVIT Central Automotive program, NAVIT Heavy Equipment Program, NAVIT Welding Program and the NAVIT Industrial Maintenance Program their 11th and 12th grade year. Student will have the opportunity to participate in SkillsUSA.

VOC049 Graphic Design I

Two semesters

One Credit

Elective: Grades 10

Prerequisite: Introduction to Communication & Information Technology

Hrs. homework per week: 5

Text: Variety of printed and digital material

Fee: \$10.00

This is an introductory course that includes units of instruction in all aspects of the industry, with emphasis on advertising, elements & principles of design, drawing, electronic pre-press, digital photography and screen printing. Students will use software i.e. Adobe Photoshop, Corel Draw X3, Adobe Illustrator, and Macromedia Dreamweaver. Each aspect of the Graphic Communications courses are designed with the most current trends in print and electronic usage in mind. This course is a prerequisite for Graphic Design II. Student will have the opportunity to participate in SkillsUSA.

VOC050 Graphic Design II

Two semesters

Two hour block

Two credits

Elective: Grades 11, 12

Prerequisite: Graphic Design I

Hrs. homework per week: 5

Text: Variety of printed and digital materials

Fee: \$10.00

This course will be a continuation of Graphic Design I with emphasis on perfecting skills in graphic design, digital photography, digital image manipulations and print industry standards. Students will become proficient using Adobe Photoshop, Adobe Indesign, Maya, Corel Draw X3, and Macromedia Dreamweaver. This course is a prerequisite for Graphic Design III and Applied Graphic Design. Student will have the opportunity to participate in SkillsUSA.

VOC051 Graphic Design III

Two Hour Block

Two credits per semester

Elective: Grades 12

Prerequisite: Graphic Design I & II

Hrs. homework per week: 5

Text: Variety of printed and digital materials

Fee: \$10.00

This advanced course utilizes everything learned in Graphic Design I & II in order to prepare students for placement in the professional graphic and print industry upon successful completion. Students will demonstrate professional aptitude in using Adobe Photoshop, Adobe Indesign, Corel Draw X3, Maya, and Macromedia Dream weaver. Students will have the opportunity to create professional projects for the business industry in and around the St. Johns area. Focus will be upon completing a professional portfolio consisting of high quality graphic design work. Students will also have the opportunity to do screen printing, vinyl cut graphics, and imprinting and engraved awards. Student will have the opportunity to participate in SkillsUSA.

VOC022 Applied Graphic Design (Yearbook)

Two semesters

One credit

Elective: Grades 11, 12

Prerequisite: Graphic Design I, II, III; Instructor Approval

Hrs. homework per week: 5

Text: Variety of printed and digital materials

Fee: \$10.00

Class size is limited. Students **MUST** have successfully completed Graphic Design classes prior to taking this class. Yearbook pages are designed using Graphic Design software therefore prior proficiency in graphic design is necessary. Emphasis is placed on design and layout of digital photographs taken by students to produce an end product (yearbook) that will accurately and creatively depict an entire year at St Johns High School. Students are expected to take photographs at extracurricular events during non-school hours. Student participation in yearbook fund raising events and meeting publication deadlines are essential to successful completion of this class. Leadership positions (Editor in Chief, Business Manager, Photo Editor, Sports Editor) are available to those who are interested in self improvement.

NAVIT CLASSES



STUDENTS ENROLLED IN NAVIT/NPC COURSES EARN HIGH SCHOOL ELECTIVE CREDITS AS WELL AS NPC CREDITS. TRANSPORTATION TO AND FROM THE HOST LOCATIONS OUTSIDE ST. JOHNS VACINITY WILL BE PROVIDED BY SJHS. AVAILABILITY IS LIMITED AND CLASSES ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT YOUR NAVIT RECRUITER (520-532-6118) OR MRS. CATHERINE PATTERSON, OUR HIGH SCHOOL CAREER TECHNICIAN (337-2221, EXT. 2034).

NAV016 Automotive

Prerequisites: completion of 10th grade or equivalent

Credits: 8 NAVIT high school credits

Offered: 8:00-11:00 AM; Show Low 5 days a week

The NAVIT/NPC Automotive Technician program is a two-year sequence of courses designed to prepare students for the competency exams in the following eight ASE Certifications: Brake Systems, Electrical & Electronic Systems, Engine Performance, Suspension & Steering, Automatic Transmission & Transaxle, Engine Repair, Heating & Air Conditioning, Manual Drive Train & Axle, Engine Repair, Heating & Air Conditioning, and Manual Drive Train & Axles. Completion of this program will allow students to not only sit for exams, but one year of the required two-year internship will be waived and students will receive an ASE Student Recognition document. Students will be transported to the Show Low Center.

NAV004 Certified Nursing Assistant

Prerequisites: Completion of 11th grade or equivalent, one credit in Biology or Applied Biological Systems.

Credits: 2 NAVIT High School credits, 8 NPC credits

Offered: 8-11 AM; 5 days per week

Grade: Senior Only

This is a course that constitutes a complete Certified Nursing Assistant program. After completion of the class the student is eligible to take the Arizona State Board of Nursing Assistant Test for certification. The student initially pays exam fees, upon passing, NAVIT will reimburse. After successfully passing the State exam, the student qualifies for employment in a hospital, home health care or in long-term care facilities. The student must complete 240 clock hours including classroom time and clinicals and maintain a 75 % on all tests. This includes 4-5 Saturdays throughout the semester. It is offered in cooperation with NAVIT and NPC. This program is open to seniors only and they must have taken or be enrolled in Applied Biological Systems. NAVIT pays students' tuition. One semester only. St. Johns High School will provide the transportation.

NAV006 Cosmetology

Prerequisite: Completion of 10th grade or equivalent, minimum of 10 HS credits, 2 English credits, 1 math credit, and 1 science credit

Credits: 8 NAVIT High School credits, 36 NPC credits

Offered: 8-11 AM & 12-3 PM, St. Johns, 2 years plus summer and Saturdays

This is a course of study which trains persons to be beauty operators, hairstylists, beauticians and cosmetologists. The Cosmetology Training Program is for four periods a day, extending into summer hours for a two-academic year intensive program. It is designed to meet cosmetologist licensing requirements for the Arizona State Board of Cosmetology and to prepare students for their state examinations. This course is offered in cooperation with NAVIT and NPC. Cosmetology is open to juniors and seniors only who must be able to prove the receipt of at least 10th grade H.S. credits (2 English, 1 math, 1 science). The student must

complete 1600 clock hours in the cosmetology classroom. This includes working 13-15 Saturdays throughout the year in addition to meeting during summer months before and after the traditional semester. In essence, this is a two-year program. Students will earn NPC and NAVIT High School credits. NAVIT pays students' tuition; however, the student must pay a \$400 deposit for their cosmetology kit which can be reimbursed upon completion of the State Board exam. (Financial aid may be available.) College credits can be used towards a Certificate of Applied Science, A.A.S., or Certificate of Proficiency. Class meets from 8-11 a.m. or 1-4 p.m. during regular semesters. (Don't forget Saturdays and summers).

NAV013 Education Professions

Prerequisites: Completion of 10th grade or equivalent. Test and place into Math 121 or higher and take course during the summer or night class. Must place into Math 152 at NPC.

Credits: 8 NAVIT High School credits, 64 NPC credits

Offered: 8:00-11:00 AM, 5 days per week (4 semesters plus internet or summer)

Upon successful completion, this program prepares students to enter Elementary Education professions. Courses offered will be English 101-102, Intro to Psychology, Biology, Art, Math, Geology, Intro to Education and Intro to Special Education, U.S. History, American Government, and Arizona Constitution. The course of study will be offered at NPC campuses, from 8:00-11:00 a.m., 5 days a week. St. Johns High School will provide transportation. Other courses will be offered in the summer or on the internet. These courses will be paid by NAVIT.

NAV001 Fire Science

Prerequisites: Completion of 10th grade or equivalent, must have fire department recommendation, must pass physical endurance performance test and must be prepared to participate in occasional Saturday tacticals.

Credits: 8 NAVIT High School credits; NPC credits

Offered: 7:40-10:40 AM, Taylor 5 days per week (4 semesters)

This course of study is offered through cooperation with the State Fire Marshall's Office and the local fire departments. Students will travel to Taylor for the program. The program will offer students the following courses: Hazardous Materials Operations, First Responder Medical, Wild Lands Fire, Vehicle Extrication and Firefighter I & II. The third semester will be Firefighter I & II. Students must turn 18 years of age by December 1st within the semester they take Firefighter I & II. This is a 4 semester course. College credits can be used towards a Certificate of Applied Science or and Associate of Applied Science Degree. NAVIT pays tuition.

NAV012 Health Related Occupation

Prerequisites: Completion of 10th grade or equivalent. Must qualify for Math 112 on Elementary Algebra Compass test at NPC before entering the program. NAVIT will pay for tuition and books. Must have Biology or Chemistry on High School Transcript.

Credits: 8 NAVIT High School credits, plus NPC credits

Offered: 8:00-11:00 AM; 5 days per week (4 semesters)

This is a two-year sequence course of study that provides a block of courses that must be taken before student applications are considered for health related occupations, i.e., pre-med or nursing programs. NAVIT will be offering chemistry, nutrition, anatomy, psychology, English, biology and intermediate algebra courses over a two-year time frame. Check NPC class schedules for the nursing prerequisites. NAVIT will pay the student's tuition. If other courses are required through NPC at night or during the summer, NAVIT will also pay for those. This course is offered from 8:00-11:00 a.m., 5 days per week, at NPC Campuses. Transportation will be provided by St. Johns High School.

NAV017 Heavy Equipment

Prerequisites: Completion of 10th grade or equivalent. NCCER Core Curriculum from 10th grade CTE class.

Credits: 8 NAVIT High School credits; 10 NPC credits

Offered: 8-11 AM, Round Valley 5 days per week (4 semesters)

This program is a two-year, four-semester sequence of courses designed to prepare students for Heavy Equipment Operations I Certification. Along with lab time on equipment, soils grade staking, and preventative maintenance are also included in the curriculum. Transportation will be provided by St. Johns High School.

NAV018 Industrial Maintenance

Prerequisites: Completion of 10th grade or equivalent. NCCER Core Curriculum from 10th grade class.

Credits: 8 NAVIT High School credits, NPC credits

Offered: 7:30-10:30 AM, Coronado Generating Station, 5 days per week (4 semesters)

This course of study prepares students to work in industrial maintenance positions from entry level maintenance positions to plant management in operations and maintenance, especially in the power plant industry. The Industrial Maintenance program allows students to prepare for jobs at Arizona Public Service, Cholla Power Plant; SRP, Coronado Generation Station; Abitibi Consolidated; and Tucson Electric Power, Springerville Generating Station. This course is offered in cooperation with NAVIT and NPC and was developed in cooperation with the above mentioned power plants. The course is offered in St. Johns from 7:30-10:30 a.m., 5 days a week for 4 semesters. NAVIT will pay the students' tuition, books, and fees. College credits can be used towards a Certificate of Applied Science and/or Associate of Applied Science Degree.

NAV008 Welding

Prerequisites: Completion of 10th grade or equivalent. NCCER Core Curriculum from 10th grade class

Credits: 8 NAVIT High School credits, 20 NPC credits

Offered: 7:30-10:30 a.m. or 12:00-3:00 p.m., St. Johns 5 days per week (4 semesters)

This is a course of study designed to teach primary and complex skills in all forms of welding including oxyacetylene cutting and welding, arc welding, and inert gas welding. Students who complete the program will be qualified to test for an American Welding Society and NCCER certifications. The course is offered in cooperation with NAVIT and NPC at the NAVIT welding facility in St. Johns. This program is open to juniors and seniors only. NAVIT pays students' tuition and fees. College credits can be used towards a Certificate of Applied Science, Associate of Applied Science Degree at NPC. Students will have the opportunity to compete in regional, state, and national welding competition.

COURSE PERMISSIONS AND RELEASES

The following pages include permission forms for releases and courses.

Use these forms for all releases (religious, senior, etc.), on campus courses, and off campus courses (DCE, NAVIT, etc.) as specified in the Course Description book. These forms will be collected when you hand in your Course Request form.

Courses needing Permission:

Religious Release
Senior Release
D.C.E. Internship
All NAVIT Courses
Credit Recovery
All Aide positions
Show Choir

Note: for Honor level courses and advancement to the next level of Mathematics, teachers will submit lists directly to the counselor for scheduling. If you feel you should or should not be in the recommended course, please see the recommending teacher for correction.

Course Permission Form

Student: _____

Grade Level for 2010-2011 School Year: _____ Date: _____

The above student is requesting permission to enroll in the following course:

Course Title: _____

I give this student permission to enroll in the above course.

Teacher Signature: _____ **Date:** _____

Administrator (if needed): _____ **Date:** _____

Course Permission Form

Student: _____

Grade Level for 2010-2011 School Year: _____ Date: _____

The above student is requesting permission to enroll in the following course:

Course Title: _____

I give this student permission to enroll in the above course.

Teacher Signature: _____ **Date:** _____

Administrator (if needed): _____ **Date:** _____

Course Permission Form

Student: _____

Grade Level for 2010-2011 School Year: _____ Date: _____

The above student is requesting permission to enroll in the following course:

Course Title: _____

I give this student permission to enroll in the above course.

Teacher Signature: _____ **Date:** _____

Administrator (if needed): _____ **Date:** _____

Course Permission Form

Student: _____

Grade Level for 2010-2011 School Year: _____ Date: _____

The above student is requesting permission to enroll in the following course:

Course Title: _____

I give this student permission to enroll in the above course.

Teacher Signature: _____ **Date:** _____

Administrator (if needed): _____ **Date:** _____

Course Permission Form

Student: _____

Grade Level for 2010-2011 School Year: _____ Date: _____

The above student is requesting permission to enroll in the following course:

Course Title: _____

I give this student permission to enroll in the above course.

Teacher Signature: _____ **Date:** _____

Administrator (if needed): _____ **Date:** _____

Course Permission Form

Student: _____

Grade Level for 2010-2011 School Year: _____ Date: _____

The above student is requesting permission to enroll in the following course:

Course Title: _____

I give this student permission to enroll in the above course.

Teacher Signature: _____ **Date:** _____

Administrator (if needed): _____ **Date:** _____

Permission to Attend Credit Recovery

Student: _____ Date: _____

Grade Level for 2010-2011 year: _____

Complete ONE FORM per COURSE requested!

COURSE NEEDED	Credit Recovery	SEMESTER 1 OR SEMESTER 2	½ OR 1 CREDIT

In order to be allowed to use the Credit Recovery lab to recover credit or to take a course in an alternative setting (not in the regular classroom), the following permission/signatures are **REQUIRED**:

Parent/Guardian: _____

I give permission for my student to utilize the Credit Recovery program

Comments: _____

Classroom Teacher: _____

I confirm the appropriateness of using the Credit Recovery program for this course.

Comments: _____

Counselor: _____

I confirm that Credit Recovery is appropriate for this student and course.

Comments: _____

IEP Teacher (if applicable): _____

I confirm the need for and use of Credit Recovery for this student and course.

Comments: _____

Credit Recovery Director: _____

Credit Recovery is available for this course and student.

Comments: _____

Administration: _____

I give permission for this student to utilize the Credit Recovery program.

Comments: _____

Return this completed form to the Credit Recovery Director.

Permission for Release from Campus

Student: _____ Date: _____

Grade level for 2010-2011 year: _____

“Release” from campus means that a student is released FROM St. Johns High School campus and cannot be on campus during the specified time of the release.

I am requesting the following release(s) from St. Johns High School campus:

- Religious Release- *Seminary*
- Senior Release

Provide the following signatures as appropriate for this request:

*Student** _____ Date: _____

*Parent/Guardian**: _____ Date: _____

*SJHS Administrator**: _____ Date: _____

*Guidance Counselor**: _____ Date: _____

Seminary Administrator: _____ Date: _____

** Required signature for any release*

Credit Check and Credit bearing Course Check (*Guidance Counselor*):

Credit bearing courses: _____

Total credits to date: _____

Notes:
