

**TURKEY VALLEY  
JUNIOR-SENIOR  
HIGH SCHOOL**

**COURSE GUIDE  
GRADES 9-12**

Revised MARCH 2018

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## SECTION 504 NOTICE OF NONDISCRIMINATION

It is the policy of the Turkey Valley Community School District not to illegally discriminate on the basis of race, color, national origin, language, sex, disability, religion, creed, age, mental status, sexual orientation, gender identity, and socioeconomic status in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy, please contact the district’s Equity Coordinator: Jay Jurrens, Superintendent, Turkey Valley Community School District, 3219 State Hwy 24, Jackson Junction, Iowa 52171, 563.776-6011

## Meeting the Challenge

The Course Guide has been prepared by the faculty and administration of Turkey Valley High School so that you might successfully plan your next academic year.

As you plan, please remember your personal interests as well as your high school and career interests. The Course Guide should be used to help you create goals for yourself. Give serious thought to the kinds of courses you are considering and be sure to include parents, teachers, and counselors in your planning.

Remember to do these things as you make your plans:

1. Talk over your plans with your parents and teachers. Feel free to bring your parents to school to meet with the principal, counselor or teachers.
2. Be ready to discuss your plans with the counselor.
3. Pay particular attention to the requirements for graduation.
4. Plan wisely now for the future.
5. Use the time given to read the course guide before registering for classes.

Certain subjects must be taken by all students who expect to graduate from high school. These are called "required" subjects. There are some choices in the required subjects. The rest of the subjects are called "electives." Electives are very important since they can provide for a well-rounded education and often determine the future educational and work possibilities for the student.

## Early Graduation Policy

### *A. Procedure*

1. The student must write a letter of application to the superintendent and Board of Education requesting early graduation. The student must include the reasons and purposes for early graduation
2. The letter of application must be signed by the student and parent/or guardian.
3. An interview of the student and parents may be conducted by the superintendent, Board of Education and other members of the administrative team.
4. The decision rendered will be sent to the student and parents via a letter.
5. Early graduation requests must be received by the administration no later than May, prior to the year of graduation. Special circumstances may be approved by the administration.

### *B. Guidelines*

1. A student must be in high school attendance for seven semesters.
2. All requirements for graduation must be completed in seven semesters.
3. A student must have satisfactorily completed seven semesters of physical education unless excused by a doctor.
4. A student may not pursue more than a normal load the seventh semester.
5. An early graduate will be considered an alumnus and not part of the school family.
6. An applicant will have a tentative schedule for the eighth semester.
7. In case the student is unable to meet the guidelines at the end of the seventh semester, he/she will be required to pursue a normal load the eighth semester.
8. When all requirements for graduation from Turkey Valley Community Schools have been met, a diploma will be presented to the graduate at a regularly scheduled Board of Education meeting or other arrangements may be made. The student may also participate in the spring graduation ceremonies, if desired, and receive their diploma at that time.

## Placement In College Credit (PICC) Courses

The Placement In College Credit provides high school juniors and seniors with an opportunity to take college courses prior to high school graduation. All PICC classes are included on transcripts and included in Turkey Valley class rank and cumulative grade point average. These course offerings may be found online at [www.nicc.edu/courses](http://www.nicc.edu/courses) – search for credit courses. Enter the term and subject area; click submit. Application forms for PICC classes are available in the guidance office.

Students may enroll in college courses under the following provisions:

- a. Placement In College Credit is intended for 11th & 12th grade students as part of their four-year plan. Freshmen and sophomores who are identified as Gifted/Talented in the district may be eligible as well.
- b. The school district will pay up to \$250 per semester for tuition and related course fees. Institutions who have agreed to accept post-secondary students have agreed not to charge over \$250 per course. Students may be required to purchase equipment or textbooks that will be theirs to keep upon successful completion of the course.
- c. A student must complete the course with a passing grade in order for the school district to pay for the course.
- d. The post-secondary course must be one of which a comparable choice is not available at Turkey Valley.
- e. The course must be taken during the regular school year when Turkey Valley is in session. Courses taken during the summer or winterim do not qualify.
- f. PICC courses must be taken for college credit and the course requirements must be met.
- g. The deadline for the district to pay for postsecondary courses will be the date set by the college to drop courses. Each semester the administration will determine the deadline for all paperwork to be completed and turned in to the guidance office. After this date, the student will be responsible for the cost of the course. Under special circumstances the administration may grant permission to drop a course prior to the college drop date.
- h. If the student chooses to drop the course after the 100% drop dates, the partial or full cost of the course is charged to the student. Reimbursement must be made before the end of the school year in which the course was taken.
- i. If transportation is necessary, the parent or guardian is responsible for providing transportation to and from the PICC class(s), and any additional activities involved with the class.
- j. All PICC classes will be included on transcripts
- k. All PICC grades will be included in cumulative GPA and class rank.
- l. Students taking courses that require ACT, ALEKS, or ACCUPLACER scores, must have their scores on file in the guidance office.
- m. PICC grades are part of the student's college GPA and may affect future financial aid.

## Concurrent Classes (28E) taken at Turkey Valley –

Students taking courses with dual enrollment that are taught by Turkey Valley staff must follow these provisions:

- a. Students must make application to the post-secondary school as well as request the course at Turkey Valley.
- b. Students taking courses that require ACT, ACCUPLACER, or ALEKS scores, must have their scores on file in the guidance office by the last day of school.
- c. Courses with fewer contact class hours than in a normal semester will receive .5 credit. Courses with a full semester of contact hours will receive the full one semester high school credit.
- d. If the student chooses to drop the course or fails the class, the cost of the course is charged to the student. Reimbursement must be made before the end of that school year.
- e. Students are required to purchase the textbooks for concurrent enrolled courses.
- f. The deadline for the district to pay for contracted classes will be the date set by the college to drop courses. Each semester the administration will determine the deadline for all paperwork to be completed and returned to the guidance office. After this date, the student will be responsible for the cost of the course. Under special circumstances the administration may grant permission to drop a course prior to the college drop date.

## Registration

1. Course descriptions should be studied carefully. Required courses must be included in completing schedule forms.
2. Parent participation in the selection of courses is encouraged.
3. Students are required to take six subjects plus physical education each semester. If special circumstances exist, the administrative team may grant an exception to the rules.
4. A student may NOT drop a year-long subject at the end of the first semester. Special consideration will be given to students with unusual circumstances. Any decision to make this change must be approved by the teacher, parent, and counselor or principal.
5. Students have three days at the beginning of each semester to add or drop classes by completing the add/drop slip available in the guidance office. Reminder: parent signature is required to complete this form.
6. If a student has failed to satisfactorily complete a course(s), the following methods may be used to make up credit deficiencies.
  - a. Retake the course.
  - b. Carry extra subjects.
  - c. Return to school the following year for additional work.
  - d. Complete an online course through the high school.
  - e. Attend summer school, if possible.
8. Any course change in a schedule will have to be approved by the counselor, teacher and parent involved. If a change is approved, it must be made before the end of the first three days of the semester.
9. A prerequisite may be overridden by the principal, counselor, and the teacher involved if the student's request is deemed valid, appropriate, and workable.
10. Independent study courses may be created within the curriculum with administrative approval when deemed necessary for the student's best interest in his/her educational program or for the purpose of the enrichment of the curriculum.
11. Seniors may not graduate with incomplete grades.
12. Students taking courses that require an ACT, ACCUPLACER, ALEKS, or COMPASS score, must have their scores on file in the guidance office before courses begin. The student will not be enrolled without the prerequisite scores.

## Suggestions for Planning a Student's Program

1. Class meetings will be scheduled to review general registration procedures. Individual conferences are available and encouraged for the scheduling of classes. Course Guides are available from 7-12 grade teachers, study hall, media center and for check-out from the guidance office. The Course Guide will also be available online on the school website.
2. Vocational and college materials are available in the counselor's office and the media center. Each student can learn about his/her own interests, vocational aims, and abilities and achievements. The KUDER Career Planning program is a great resource for 8<sup>th</sup>-12<sup>th</sup> grade students.
3. When planning his/her program, a student should consider his/her abilities. For more information the school counselor and teachers may be consulted.
4. If a student plans to further his/her education, he/she must meet certain entrance requirements. Information is available in the counselor's office to help students find these requirements or information can be researched through the internet on selected web sites. These requirements should be taken into consideration when planning a program.
5. Getting the most from high school education should be the aim of each student. This is also the goal of parents and the school. All three must be involved for the best possible program.
6. Senior Release Program — A senior release program will be available for seniors in good standing who have the beginning of the day or the end of the day free. Arrangements are made on a semester basis. Forms are available in the guidance office.

Required Subjects to Be Completed Before Graduation  
Courses are full year unless indicated by (Sem)

**English— 8 Credits**

1. 9<sup>th</sup> Grade English
2. 10<sup>th</sup> Grade English
3. American Literature. OR Contemporary English
4. and TWO credits of the following classes:  
English Lang Arts 12 (2 credits), COLLEGE COMP 1 (1 credit)  
COLLEGE COMP 2 (1 credit)
5. Electives available: 9-10<sup>th</sup> grades - Independent Literature;  
9-12<sup>th</sup> grades - Creative Writing, Language Exploratory, Mythology

**Social Studies – 7 Credits**

1. World Geography (Sem) (Freshman)
2. World History (Sophomore)
3. U.S. History (Junior)
4. Topics of U.S. Government (Sem)
5. One of the following semester courses during 11<sup>th</sup> or 12<sup>th</sup>  
- Sociology, Psychology, Current Issues, Conflicts in  
American History, PSYCH OF HUMAN RELATIONS, or  
DEVELOPMENTAL PSYCH

**Mathematics — 6 Credits**

(Classes for meeting Math requirement)

1. Pre-Algebra
2. Algebra I
3. Algebra II
4. Math for Daily Living
5. Geometry
6. Informal Math
7. Math Analysis (Sem)
8. Statistics (Sem)

**Science – 6 Credits**

(Classes for meeting Science requirement)

1. Science 9 (required)
2. Biology (required)
3. Environmental Science
4. Chemistry
5. Anatomy & Physiology
6. Physics

**Vocational — 1 Credit**

1. Senior Careers (Sem)

**Physical Education – 8 Semesters – 4 Credits**

1. Exception – students excused by doctor

**Business Education — 1 Credit**

1. Personal Finance (Sem)

**Health Education — 2 Credits**

1. Health Education - taken at any level grade 9-12

Total Required Credits —35

**Total Credits Needed for Graduation - 50**

## Course Offerings

Once a course is available at any grade level, students in any following grade may take that course in following years.

### Grade 9

#### REQUIRED

- Algebra I or Pre-Algebra
- English 9
- Health Ed (freshman, sophomore, junior or senior year)
- Physical Education
- Science 9
- \*World Geography

#### ELECTIVES

- |                           |                                  |
|---------------------------|----------------------------------|
| —# Career Ed 9            | ___ *Food Science                |
| ___ *Ceramics             | ___ *Fundamentals of Ag A        |
| ___ *Child Development    | ___ *Fundamentals of Ag B        |
| ___ Concert Band          | ___ *Fundamentals of Art         |
| ___ Concert Choir         | ___ *Independent Literature 9/10 |
| ___ *Creative Writing     | ___ # Job Shadow                 |
| ___ *Drawing/Painting     | ___ *Language Exploratory        |
| ___ *Fabrics & Textiles I | ___ Manufacturing I              |
| ___ *Family Relations     | ___ *Marketing Management        |
| ___ *Food & Nutrition     | ___ *Mythology                   |
|                           | ___ Spanish I                    |

## Grade 10

### REQUIRED

- Biology I
- English 10
- Health Ed (freshman, sophomore, junior or senior year)
- Physical Education
- World History

### ELECTIVES

- \*Accounting 1 A
- \_\_ \*Accounting 1 B
- \_\_ \*Advanced Ceramics
- \_\_ \*Advanced Foods
- \_\_ \*Agronomy A
- \_\_ \*Agronomy B
- \_\_ Algebra I
- \_\_ Algebra II
- \_\_ \*Animal Science A
- \_\_ \*Animal Science B
- \_\_ # Career Education 10
- \_\_ \*Child Development I
- \_\_ \*Child Development 2
- \_\_ \*Concert Band
- \_\_ \*Concert Choir
- \_\_ \*Creative Writing
- \_\_ \*Drawing/Painting
- \_\_ \*Fabrics & Textiles 1
- \_\_ \*Fabrics & Textiles II

- \_\_ \*Family Relations
- \_\_ \*Food & Nutrition
- \_\_ \*Food Science
- \_\_ \*Fund of Ag A
- \_\_ \*Fund of Ag B
- \_\_ \*Fundamentals of Art
- \_\_ \*Independent Literature 9/10
- \_\_ Informal Math
- \_\_ # Job Shadow
- \_\_ \*Language Exploratory
- \_\_ Manufacturing I
- \_\_ Manufacturing II
- \_\_ \*Marketing Management
- \_\_ \*Mythology
- \_\_ \*Publication Software
- \_\_ Spanish I
- \_\_ Spanish II
- \_\_ \*2D/3D Design

\* Indicates Semester Courses

# Teacher Recommendation

# Grade 11

## REQUIRED

- American Literature or Contemporary English
- Health Ed (freshman, sophomore, junior or senior year)
- Physical Education
- U. S. History

- Of the following five classes, one is required to graduate and can be taken as a junior or senior:  
Current Issues, Sociology, Conflicts in American History, Psychology,  
DEVELOPMENTAL PSYCH, and PSYCH OF HUMAN RELATIONS.

## ELECTIVES

- |  |   |
|--|---|
| <input type="checkbox"/> *Accounting I A                           | <input type="checkbox"/> *Farm Management                     |
| <input type="checkbox"/> *Accounting I B                           | <input type="checkbox"/> * Food & Nutrition                   |
| <input type="checkbox"/> *Advanced Ceramics                        | <input type="checkbox"/> *Food Science                        |
| <input type="checkbox"/> *Advanced Foods                           | <input type="checkbox"/> *Fund of Ag A                        |
| <input type="checkbox"/> *Agronomy A                               | <input type="checkbox"/> *Fund of Ag B                        |
| <input type="checkbox"/> *Agronomy B                               | <input type="checkbox"/> Fundamentals of Art                  |
| <input type="checkbox"/> Algebra I                                 | <input type="checkbox"/> Geometry                             |
| <input type="checkbox"/> Algebra II                                | <input type="checkbox"/> Health                               |
| <input type="checkbox"/> Anatomy & Physiology                      | <input type="checkbox"/> *Independent Literature 11/12        |
| <input type="checkbox"/> *Animal Science A                         | <input type="checkbox"/> Informal Math                        |
| <input type="checkbox"/> *Animal Science B                         | <input type="checkbox"/> *Language Exploratory                |
| <input type="checkbox"/> # Career Education 11                     | <input type="checkbox"/> *Literature of a People              |
| <input type="checkbox"/> Chemistry                                 | <input type="checkbox"/> Manufacturing I                      |
| <input type="checkbox"/> *Child Development I                      | <input type="checkbox"/> Manufacturing II                     |
| <input type="checkbox"/> *Child Development II                     | <input type="checkbox"/> *Marketing Management                |
| <input type="checkbox"/> *√ CNA I/II (Sem 1)                       | <input type="checkbox"/> Materials Processing                 |
| <input type="checkbox"/> *COMPUTER BUSINESS APPL (Sem 1)           | <input type="checkbox"/> Math for Daily Living                |
| <input type="checkbox"/> *Computer Graphics                        | <input type="checkbox"/> √ MEDICAL TERM (Sem 1)               |
| <input type="checkbox"/> Concert Band                              | <input type="checkbox"/> *Mythology                           |
| <input type="checkbox"/> Concert Choir                             | <input type="checkbox"/> * √ NUTRITION (Sem 2)                |
| <input type="checkbox"/> *Conflicts in American History            | <input type="checkbox"/> Physics                              |
| <input type="checkbox"/> *Creative Writing                         | <input type="checkbox"/> √ PRINCIPLES OF DISEASES (Sem 2)     |
| <input type="checkbox"/> *Current Issues                           | <input type="checkbox"/> *Psychology                          |
| <input type="checkbox"/> *√ DEVELOPMENT PSYCH (Sem 1)              | <input type="checkbox"/> * √ PSYCH OF HUMAN RELATIONS (Sem 2) |
| <input type="checkbox"/> * √ DOSAGE CALC (Sem 2)                   | <input type="checkbox"/> *Publication Software                |
| <input type="checkbox"/> * √ DRAFTING (CAD) at NICC-Calmar (Sem 2) | <input type="checkbox"/> *Sociology                           |
| <input type="checkbox"/> *Drawing/Painting                         | <input type="checkbox"/> Spanish I                            |
| <input type="checkbox"/> *Environmental Science                    | <input type="checkbox"/> Spanish II                           |
| <input type="checkbox"/> *Fabrics & Textiles I                     | <input type="checkbox"/> Spanish III                          |
| <input type="checkbox"/> *Fabrics & Textiles II                    | <input type="checkbox"/> *Studio Art                          |
| <input type="checkbox"/> *Family Relations                         | <input type="checkbox"/> *2D/3D Design                        |
|  | <input type="checkbox"/> #Work Experience                     |
|  | <input type="checkbox"/> *World of Construction               |

- \* Indicates Semester Courses
- # Teacher Recommendation
- √ Indicates prerequisite in Iowa Assessment proficiency

# Grade 12

## REQUIRED

- \*Topics of U.S. Government (Sem)  Physical Education
- \*Senior Careers (Sem 1)  Health Ed (freshman, sophomore, junior or senior year)
- Of the following five classes, one is required to graduate and can be taken as a junior or senior:  
Current Issues, Sociology, Conflicts in American History, Psychology,  
DEVELOPMENTAL PSYCH, and PSYCH OF HUMAN RELATIONS.
- \*2 credits of English (Either English Language Arts 12 OR COMPOSITION 1 and 2)

## ELECTIVES

- |  |   |
|--|---|
| <input type="checkbox"/> *Accounting I A                           | <input type="checkbox"/> *Food & Nutrition                    |
| <input type="checkbox"/> *Accounting I B                           | <input type="checkbox"/> *Food Science                        |
| <input type="checkbox"/> *Accounting II                            | <input type="checkbox"/> *Fund of Ag A                        |
| <input type="checkbox"/> *Advanced Ceramics                        | <input type="checkbox"/> *Fund of Ag B                        |
| <input type="checkbox"/> *Advanced Foods                           | <input type="checkbox"/> *Fund of Art                         |
| <input type="checkbox"/> *Agronomy A                               | <input type="checkbox"/> Geometry                             |
| <input type="checkbox"/> *Agronomy B                               | <input type="checkbox"/> Health                               |
| <input type="checkbox"/> Algebra I                                 | <input type="checkbox"/> *Independent Literature 11/12        |
| <input type="checkbox"/> Algebra II                                | <input type="checkbox"/> Informal Math                        |
| <input type="checkbox"/> Anatomy & Physiology                      | <input type="checkbox"/> *Language Exploratory                |
| <input type="checkbox"/> *Animal Science A                         | <input type="checkbox"/> *Literature of a People              |
| <input type="checkbox"/> *Animal Science B                         | <input type="checkbox"/> Manufacturing I                      |
| <input type="checkbox"/> # Career Education 12                     | <input type="checkbox"/> Manufacturing II                     |
| <input type="checkbox"/> *Ceramics                                 | <input type="checkbox"/> *Marketing Management                |
| <input type="checkbox"/> Chemistry                                 | <input type="checkbox"/> Materials Processing                 |
| <input type="checkbox"/> *Child Development I                      | <input type="checkbox"/> *Math Analysis                       |
| <input type="checkbox"/> *Child Development II                     | <input type="checkbox"/> Math for Daily Living                |
| <input type="checkbox"/> *√ CNA I/II (Sem 1)                       | <input type="checkbox"/> √ MEDICAL TERM (Sem 1)               |
| <input type="checkbox"/> *COMPOSITION I                            | <input type="checkbox"/> *Mythology                           |
| <input type="checkbox"/> *COMPOSITION II                           | <input type="checkbox"/> * √ NUTRITION (Sem 2)                |
| <input type="checkbox"/> *COMPUTER BUSINESS APPL (Sem 1)           | <input type="checkbox"/> Physics                              |
| <input type="checkbox"/> *Computer Graphics                        | <input type="checkbox"/> √ PRINCIPLES OF DISEASES (Sem 2)     |
| <input type="checkbox"/> Concert Band                              | <input type="checkbox"/> *Psychology                          |
| <input type="checkbox"/> Concert Choir                             | <input type="checkbox"/> * √ PSYCH OF HUMAN RELATIONS (Sem 2) |
| <input type="checkbox"/> *Conflicts in American History            | <input type="checkbox"/> *Publication Software                |
| <input type="checkbox"/> *Creative Writing                         | <input type="checkbox"/> *Senior Art                          |
| <input type="checkbox"/> *Current Issues                           | <input type="checkbox"/> *Sociology                           |
| <input type="checkbox"/> * √ DEVELOPMENT PSYCH (Sem 1)             | <input type="checkbox"/> Spanish I                            |
| <input type="checkbox"/> * √ DOSAGE CALC (Sem 2)                   | <input type="checkbox"/> Spanish II                           |
| <input type="checkbox"/> * √ DRAFTING (CAD) at NICC-Calmar (Sem 2) | <input type="checkbox"/> Spanish III                          |
| <input type="checkbox"/> *Drawing/Painting                         | <input type="checkbox"/> Spanish IV                           |
| <input type="checkbox"/> *Environmental Science                    | <input type="checkbox"/> * √ STATISTICS                       |
| <input type="checkbox"/> *Fabrics & Textiles I                     | <input type="checkbox"/> *Studio Art                          |
| <input type="checkbox"/> *Fabrics & Textiles II                    | <input type="checkbox"/> *2D/3D Design                        |
| <input type="checkbox"/> *Family Relations                         | <input type="checkbox"/> #Work Experience                     |
| <input type="checkbox"/> *Farm Management                          | <input type="checkbox"/> *World of Construction               |

\* Indicates Semester Courses

# Indicates Teacher Recommendation

# Agriculture Education

## Tentative Course Offerings by Grade Level

Grade 9	Grade 10	Grade 11	Grade 12
Fund of Ag A - 390	Fund of Ag A - 390	Fund of Ag A - 390	Fund of Ag A - 390
Fund of Ag B - 385	Fund of Ag B - 385	Fund of Ag B - 385	Fund of Ag B - 385
	Animal Science A - 389	Animal Science A - 389	Animal Science A - 389
	Animal Science B - 383	Animal Science B - 383	Animal Science B - 383
	Agronomy A - 372	Agronomy A - 372	Agronomy A - 372
	Agronomy B - 381	Agronomy B - 381	Agronomy B - 381
		Farm Management - 394	Farm Management - 394

## Course Descriptions

All agriculture courses are open to males and females. Students are encouraged to be members of the FFA. Two agriculture classes are taught at Turkey Valley and the other Ag courses are taught online through South Winneshiek.

### **Fundamentals of Ag - A (390) & Fundamentals of Ag - B (385)**

**1 Credit each semester**

**Offered:** grades 9-12

Taught at Turkey Valley

*Introduction to Agriculture, Food and Natural Resources* is an introductory course designed to teach students about the world of agriculture, the pathways of study they may pursue, and the science, mathematics, reading, and writing components they will use throughout the CASE curriculum. Woven throughout the course are activities to develop and improve employability skills of students through practical applications. Students will explore career and post-secondary opportunities in each area of the course. Students' experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. In this course students will learn about: Agricultural Education – Agriculture, FFA, and SAE, Communication Methods, Sciences Processes, Natural Resources, Plants and Animals, and Agricultural Mechanics.

### **Agronomy A - 372**

**Fall Semester Odd Years**

**1 Credit**

**Prerequisite:** Fundamentals of Ag A and B. Must take Agronomy A before taking Agronomy B or with instructor's permission.

**Offered:** grades 10-12

Taught at Turkey Valley

This course gives the students an opportunity to study soil, soil horizons, and the composition of soil.

### **Agronomy B - 381 (Formerly Plant and Soil Science)**

**Fall Semester Even Years**

**1 Credit**

**Prerequisite:** Fundamentals of Ag A and B. Must take Agronomy A before taking Agronomy B or with instructor's permission.

**Offered:** grades 10-12

Taught at Turkey Valley

This course gives the students an opportunity to study the structure of plants, physiology, plant classification, reproduction, growth media, and pests. We will take a look at plant propagation as well..

**Animal Science A (389) and Animal Science B (383)****1 Credit each semester****Prerequisite:** Fundamentals of Ag A and B. Must take Animal Science A before taking Animal Science B or with instructor's permission.**Offered:** grades 10-12

Taught at Turkey Valley

*Principles of Agricultural Science - Animal* is a foundation-level course engaging students in hands-on laboratories and activities to explore the world of animal agriculture. During the course, students develop a comprehensive Producer's Management Guide for an animal of their choice. Student experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel, face in their respective careers. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

**Farm Management - 394****Spring Semester****1 Credit****Prerequisite:** Fundamentals of Ag A and B.**Offered:** grades 11-12

Taught at Turkey Valley

This course is designed for students to learn record keeping and budgeting of an agricultural operation, whether it is a farm or another sort of business in the agriculture sector. Students get an introduction to agricultural marketing with this and they will work on projects. Students will also explore career opportunities within the agricultural business sector.

**Art**

Suggested Course Offerings by Grade Level

**Grade 9**

\*Fundamentals of Art - 540  
 \*Drawing/Painting – 542  
 \*2D/3D Design -  
 \*Ceramics - 550  
 \*Advanced Ceramics - 552

**Grade 10**

\*Fundamentals of Art – 540  
 \*Drawing/Painting – 542  
 \*2D/3D Design -  
 \*Ceramics - 550  
 \*Advanced Ceramics - 552

**Grade 11**

\*Fundamentals of Art - 540  
 \*Drawing/Painting – 542  
 \*2D/3D Design -  
 \*Ceramics - 550  
 \*Advanced Ceramics - 552  
 \*Studio Art – 555

**Grade 12**

\*Fundamentals of Art - 540  
 \*Drawing/Painting – 542  
 \*2D/3D Design -  
 \*Ceramics - 550  
 \*Advanced Ceramics - 552  
 \*Studio Art – 555  
 \*Senior Art - 558

\*Indicates a semester course

**Course Descriptions****Fundamentals of Art - 540****One Semester****1.0 Credit****Prerequisite:** None

**Content:** This is an introductory course designed to help the student develop an understanding of the creative process through creating and responding to artwork. Emphasis will be placed on the basic elements of art and principles of design while creating art. Historical and contemporary artists and styles will be incorporated into many projects in order to provide an appreciation of cultural and artistic expression.

**Activities:** Students will experience a wide variety of materials and methods to making art. Class time will be devoted to demonstrations and exploration into the different ways to create art.

**Out of class time required:** As needed to complete assignments.

**Evaluation:** Based largely on student attitude and productivity. Also involved is an online portfolio and self-evaluations.

**Drawing/Painting - 542**                      **One Semester**      **1.0 Credit**

**Prerequisite:** Fundamentals of Art

**Content:** This course is intended to build skills for the serious art student who intends to continue in the art program. Areas of study will include basic techniques of two-dimensional artwork, including drawing, painting, and mixed media. The first quarter will focus on drawing skills and media techniques. The second quarter will be focused on painting techniques. Students will develop their abilities to make effective choices concerning subject matter while using the elements and principles of design learned in Fundamentals of Art.

**Activities:** Sketchbooks are required. Drawing: pencil, charcoal, conte, pastels, pen and ink. Painting; watercolor, acrylic, oil.

**Out of class time required:** As needed to complete assignments.

**Evaluation:** Based largely on student's attitude and productivity. Also involved is an online portfolio and self-evaluations.

**2D/3D Design -**                      **One Semester**      **1.0 Credit**

**Prerequisite:** Fundamentals of Art

**Content:** This course is for students who would like to explore options in creating art with a variety of media. Students will develop their abilities to make effective choices concerning design, subject matter, technique, and composition while working in both 2-dimensional and 3-dimensional processes.

**Activities:** Included but not limited to: Printmaking, photography, collage, sculpture, textiles, jewelry making.

**Out of class time required:** As needed to complete all assignments.

**Evaluation:** Based largely on student's attitude and productivity. Also involved is an online portfolio and self-evaluations.

**Ceramics - 550**                      **One Semester**      **1.0 Credit**

**Prerequisite:** Fundamentals of Art

Class size limit: 12 students

**Content:** In this course, students will develop skills in working with clay using hand-building, wheel-throwing, and sculptural techniques. Learning will focus on the processes of clay work including use of decoration methods, glaze, and the firing process.

**Activities:** Hand-building using coil, slab, molds. Wheel-throwing, sculptural form

**Out of class time required:** As needed to complete assignments.

**Evaluation:** Based largely on student's attitude and productivity. Also involved is an online portfolio and self-evaluations.

**Advanced Ceramics - 552**                      **One Semester**      **1.0 Credit**

**Prerequisite:** Ceramics and be 11th or 12th grade

Class size limit: 12 students

**Content:** The emphasis in this course will be the application of clay processes learned in ceramics. Students will explore form, aesthetics and function of ceramic art form.

**Activities:** Higher level projects in hand-building, wheel-throwing, sculptural form

**Out of class time required:** As needed to complete assignments..

**Evaluation:** Based largely on student's attitude and productivity. Also involved is an online portfolio and self-evaluations.

**Studio Art - 555**                      **One Semester**      **1.0 Credit**

**Prerequisite:** Fundamentals of Art and 1 other art course with a B average

**Content:** This course is an independent study course for serious art students who would like to explore an area of art that interests them. Students must be able to work independently, using the skills they have attained in former art courses.

**Activities:** Student will work in his/her chosen area.

**Out of class time required:** As needed to complete assignments.

**Evaluation:** Based largely on student's attitude and productivity. Also involved is an online portfolio and self-evaluations.

**Senior Art - 558**                      **One Semester**      **1.0 Credit**

**Prerequisites:** Art Appreciation and two additional art classes in which a "B" average

**Content:** This course is an independent study course for Senior art students who would like to explore an area of art that interests them. Students must be able to work independently, using the skills they have attained in former art courses.

**Activities:** Student will work in his/her chosen area or areas.

**Out of class time required:** As needed to complete assignments.

**Evaluation:** Based largely on student's attitude and productivity. Also involved is an online portfolio and self-evaluations.

# Business Education

## Course Offerings by Grade Level

### Grade 9

\*Marketing Management – 272

\*Indicates a semester course

### Grade 10

\*Marketing Management - 272

\*Accounting I – 281

\*Publication Software

### Grade 11

\*Marketing Mgt – 272

\*Accounting I – 281

\*Computer Graphics – 278

\*Publication Software

\*Personal Finance - 275

\*COMP BUS APPL – 276

### Grade 12

\*Marketing Mgt - 272

\*Accounting I – 281

\*Computer Graphics - 278

\*Publication Software

\*Accounting 2 -

\*COMP BUS APPL -276

## Course Descriptions

The business education program at Turkey Valley is a sequence of courses leading to entry level skills in the workplace or as a foundation for advanced study at a post-secondary institution. The program is articulated at all community colleges in Iowa which means that some of the courses taken at Turkey Valley will be substituted for similar courses at the community college level.

The recommended sequence and the specific courses being recommended are:

Marketing Management (semester as a freshman/sophomore)

Personal Finance (semester as a junior)

Accounting I A and B (semester as sophomore/junior/senior)

INTRO TO COMPUTER BUSINESS APPLICATION (as a junior or senior)

Publication Software (as a sophomore/junior/senior)

Computer Graphics (semester as a junior or senior)

### **Personal Finance - 275**

**One Semester 1.0 Credit**

**Prerequisite:** None

**Content:** Personal Finance provides students with an overview of the American monetary and banking system as well as types of financial institutions and the services and products they offer. Course content may include checking, savings, and money market accounts; loans; credit card and debit card usage.

**Out of class time required:** Minimal

**Evaluation:** Class participation, attendance, exams, individual and group projects.

### **Marketing Management - 272**

**One Semester 1.0 Credit**

**Prerequisite:** None

**Content:** Marketing Management provides students with work experience in fields related to marketing. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

**Out of class time required:** Minimal

**Evaluation:** Class participation, attendance, exams, individual and group projects.

### **INTRO TO COMPUTER BUSINESS APP (Sem 1) - 276**

**One Semester 1.0 Credit (3.0 College Credits)**

NICC #BCA:212

**Prerequisite:** Students must earn a proficiency level in reading, math and science on the Iowa Assessments.

**Content:** The content of this course is determined by NICC and will include working with Windows and Microsoft Office 2016 as a basis for the course. Programs studied will include, but not necessarily be limited to, Word (word processor), Excel (spreadsheet), Access (data base), and PowerPoint (presentation program). The course description from NICC is as follows:

*"Deals with advanced data processing concepts and the major applications for business. Practical applications will include software packages for spreadsheets, word processing, data base management, presentation graphics and charting.*

*The overall course goal is to develop a deeper understanding of the practical side of data processing by providing for as much hands-on experience with selected business application software as possible."*

### **Publication Software**

**One Semester 1.0 Credit**

"An overview of publication design concepts through hands-on exercises. Covers basic word processing and typographical conventions, page layout elements that streamline production, advanced procedures when working with boxes, and procedures for creating or formatting long documents."

### **Computer Graphics - 278**

**One Semester 1.0 Credit**

**Prerequisite:** None (This class is open to juniors and seniors.)

Class size limit: 18 students

**Content:** The class will provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising and TV/video. Typical course topics include modeling, image retouching and video creation.

**Out of class time required:** No out of class time will be required, but lab time will be available for students during their study halls.

**Evaluation:** Students will be evaluated on standard of proficiency norms for each area (project-based rubrics).

### **Accounting I - 281**

**One Year 2.0 Credits**

**Prerequisite:** None

**Content:** The course is especially designed to provide general vocational preparation for business, especially positions as bookkeepers, bookkeeping clerks or accountants. Principles and terminology used will enable students to interpret records. This course teaches valuable skills that can be used as a springboard for students entering the world of work immediately upon graduation, as a prerequisite for Accounting II, or as a foundation for those planning to attend post-secondary education in the business field. This course is required for those intending to take Accounting II.

**Activities:** Individual and group work, daily practice problems used to simulate an office environment. A computerized accounting program is introduced.

**Out of class time required:** Class time is generally provided; however, occasionally homework will be assigned

**Evaluation:** Daily work, problem tests, objective unit tests, and attendance.

This course is a one-year course and completion of both semesters is required to receive credit.

### **Accounting II - 282**

**One Semester 1.0 Credit**

**Prerequisite:** A "C" average in Accounting I

**Content:** The course has several objectives in mind. The course will prepare the student with sufficient fundamentals in accounting so that one can become an accounting clerk or an accountant's assistant upon graduation from high school. Secondly, it will provide for the student who may major in accounting or some phase of business administration, giving them sound accounting fundamentals. (Major collegiate areas such as marketing, management and finance usually require some knowledge of accounting theory and practice.) Third, this course will broaden and improve knowledge about business procedures and the use of accounting records. Fourth, it will help the student understand better the relationship between automated data processing and manual processing of accounting data.

**Activities:** A continuation of the program presented in Accounting I is to be expected. A departmentalized computerized accounting package will be introduced.

**Out of class time required:** Minimal since the class is handled as though the student is on the job.

**Evaluation:** Audit tests, problem tests, participation, and work product.

**This course is a one-year course and completion of both semesters is required to receive credit.**

**Description:** To assist users of personal computers by diagnosing their problems in using application software packages and maintaining security requirements

# English

## Course Offerings by Grade Level

Grade 9	Grade 10	Grade 11	Grade 12
English 9 - 103	English 10 - 109	American Literature - 141	English Language Arts 12 -
*Independent Lit 9/10- 133	*Independent Lit - 133	Contemporary English - 104	*Lang Exploratory – 116
*Lang Exploratory – 116	*Lang Exploratory – 116	*Lang Exploratory – 116	*Creative Writing -
*Mythology -	*Mythology -	*Mythology -	*Mythology -
*Creative Writing -	*Creative Writing -	*Creative Writing -	*Literature of a People - 147
		*Literature of a People - 147	*Independent Lit - 133
		*Independent Lit - 133	*COLLEGE COMP I – 131
			*COLLEGE COMP II – 132

\*Indicates a semester course

## Course Descriptions

### English 9 - SCED 01001

One Year 2.0 Credits

**Prerequisite:** Successful completion of Language Arts 8

**Content:** Freshman English includes the areas of reading-literature, reading-informational text, writing, speaking and listening, and language. The literature read ranges from classical to modern. Students are expected to read independently.

**Activities:** Reading, composition, presentation.

**Out of class time required:** Varies with activities — one hour per week, average.

**Evaluation:** Writings, tests, quizzes, observation of individual and group work.

### English 10 - SCED 01002

One Year 2.0 Credits

**Prerequisite:** English 9

**Content:** English 10 is part of the students' continuing study of reading-literature, reading-informational text, writing, speaking and listening, and language. Students develop their thinking, learning, and communication skills and become more critically aware of the power of language to shape attitudes and cultures.

**Activities:** Reading, composition, presentation.

**Out of class time required:** An average of one hour a week.

**Evaluation:** Writings, tests, quizzes, observation of individual and group work.

### English/Language Arts 12 - SCED 01004

One Year

2.0 Credits

**Prerequisite:** Six semester credits of English

**Content:** English/Language Arts 12 courses blend composition, literature, speaking, listening, language and technology into a cohesive whole as students write critical and comparative analyses of selected literature, implement critical discussions, and develop their language arts skills. Students write a combination of technical, literary, and current event papers and gain exposure to multiple genres of literature.

**Out of class time required:** An average of one-two hours per week

**Evaluation:** Students will demonstrate growth in responding to and interacting with literature, will emphasis critical thinking and oral expression, will develop writing skills and assessment of their own needs through homework, daily quizzes, class discussions, tests, reading, and journaling.

### Independent Literature 9/10 - SCED 01066 (Elective)

One Semester

1.0 Credit

**Prerequisite:** None-freshman/sophomore status

**Content:** Independent Literature 9/10 is a one semester elective English course which allows freshmen and sophomores to read, develop vocabulary and critical thinking skills, work on time management focus, and learn strategies for evaluating texts.

**Out of class time required:** Reading as needed and project work

**Evaluation:** Evaluation is based on student performance in meeting established criteria for reading, sharing, journaling, conferencing, and participating in classroom activities.

### Independent Literature 11/12 - SCED 01067 (Elective)

One Semester

1.0 Credit

**Prerequisite:** Six credits in English; senior status

**Content:** Independent Literature is a one semester elective English course which allows seniors time to read, helps them to select books to strengthen their reading backgrounds, widens their interests in genres of books, and provides an opportunity to share their discoveries in reading with other students and the instructor.

**Activities:** Students will be required to independently read daily, to keep a journal over books read and present informal book talks and projects, and to have weekly conferences with the teacher.

**Out of class time required:** Reading as needed and project work.

**Evaluation:** Evaluation is based on student performance in meeting established criteria for reading, sharing, journaling, conferencing, and participating in classroom activities.

**Creative Writing - SCED 01104 (Elective)**

One semester 1.0 Credit

**Prerequisite:** None, 9-12 status**Content:** This creative writing course offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others may decide to concentrate on one particular form.**Out of class time required:** Writing and revision as needed to complete project work**Evaluation:** Evaluation will primarily assess and direct individual student growth through pages written, revisions completed, and final drafts published**Language Exploratory - SCED 01151 (Elective)**

One Semester 1.0 Credit

**Prerequisite:** None, 9-12 status**Content:** Language Exploratory is a course in which students learn how to prepare and deliver a wide variety of speeches and experience an exposure to drama. Attention is on Iowa Core listening and speaking.**Activities:** Speeches, interviews, research, discussions and listening activities**Out of class time required:** Students will spend time out of class to prepare speeches so time will vary**Evaluation:** Evaluation will be based on student participation and effectiveness of presentations.**Mythology - SCED 01058 (Elective)**

One semester 1.0 Credit

**Prerequisite:** None, 9-12 Status**Content:** Literature courses use representative literature selections from ancient and/or modern times. Students improve their critical-thinking skills as they comprehend the diversity of literary traditions and the influences of those traditions. The study of mythology is not just entertainment, but is used for many purposes. Students will discuss human nature, heroes and villains, history, allusions to the classics and modern literature, and mythological connections to astronomy, idioms and geography. Oral discussion is an integral part of literature course, and written compositions are also required.**Activities:** Reading in large groups and independently, class discussions, creative writing, and written and verbal responses to literature.**Out of class time required:** 1-2 hours weekly**Evaluation:** Evaluation will be based on writings, tests, observations, participation, and conferences.**American Literature - SCED 01054**

One Year 2.0 Credits

**Prerequisite:** English 9 and English 10**Content:** American Literature begins with the explorers and Native Americans and continues to modern literature. It reflects on the works of the French, Spanish and English explorers when America was a land of dreams. The American Literature curriculum will explain how historical events influenced literature. Connections will be made to other areas such as music, art, politics, philosophy, geography, and civics.**Activities:** Essays and research papers, oral presentations, daily assignments, class participation, journal writings, tests and quizzes.**Out of class time required:** An average of three to five hours per week.**Evaluation:** Demonstrated growth in interacting with, and responding to literature--from daily participation to binder of student's representative work.**Contemporary English - SCED 01003**

One Year 2.0 Credits

**Prerequisite:** English 9 and English 10**Content:** This class is not considered a college prep course. Emphasis will be on reading-literature, reading-informational text, writing, speaking and listening, and language for effective communication. This class acquaints students with selected pieces of classic and contemporary literature.**Activities:** Written projects, group activities, individual reading.**Out of class time required:** An average of one hour per week.**Evaluation:** Quality of daily assignments, participation, projects and work habits.**Literature of a People - SCED 01064**

One Semester 1.0 Credit

**Prerequisite:** English 9 and 10**Content:** Literature will be shared aloud in class 90% of the time. Works from poetry, short stories, essays and novels will be chosen.The works will relate to our modern world and its problems and in the ways we can use our lives to improve the world around us. Novels may include: *The Outsiders*, *Five People You Meet in Heaven*, *A Child Called it*, *Monster*.**Out of class time required:** 1-2 hours.**Evaluation:** In class participation and discussion, individualized reading, writing and sharing, journals, homework, quizzes, tests.

### **COLLEGE COMPOSITION I - 131**

NICC #ENG:105

One Semester 1.0 Credit

3.0 NICC College Credits

College Composition I is a three credit college course offered through the Concurrent Enrollment or Post-Secondary Option Act. Offered on the Turkey Valley campus, students are enrolled at Northeast Iowa Community College for the course (14:110). Through the PSEO Act, Turkey Valley pays the course tuition and provides textbooks. NICC outlines the basic course requirements.

**Prerequisites:** Six semester credits of English, including American Literature; and student is proficient on the ACCUPLACER or COMPASS test or have a qualifying English ACT score.

**Content:** College Composition I is a writing course that prepares the student for the types of communication and thought essential to academic and working world success. The course focuses on writing as a process intended to help students identify and refine their own personal writing process. This leads to writing for definition, classification, comparison and contrast, process, persuasion, evaluation, analysis, investigation and research. The student is exposed to prose written in a variety of disciplines and rhetorical contexts.

**Out of class time required:** Four to six hours per week.

**Evaluation:** NICC grading criteria, with emphasis on application of writing principles presented in text, in class, and in writing conferences.

### **COLLEGE COMPOSITION II - 132**

NICC #ENG:106

One Semester .5 Credit

3.0 NICC College Credits

College Composition II is a three credit college course offered through the Concurrent Enrollment or Post-Secondary Option Act. Offered on the Turkey Valley campus, students are enrolled at Northeast Iowa Community College for the course (14:111). Through the PSEO Act, Turkey Valley pays the course tuition and provides textbooks. NICC outlines the basic course requirements.

**Prerequisites:** Six semester credits of English, including American Literature, as well as a grade of C or better in College Composition I (14:110).

**Content:** The course will include reinforcement of the process of composing, methods of development, aspects of style, and accuracy of expression. Students will write varied essays and a research paper. Emphasis is placed on editing, logic, persuasion and analysis. Students learn stylistic flexibility as they write compositions covering a variety of subjects and intended for various audiences and purposes.

**Out of class time required:** Four to six hours per week.

**Evaluation:** NICC grading criteria, with primary emphasis on demonstrated ability to apply writing principles presented in text, in class, and in writing conferences.

## **Family and Consumer Science**

Course Offerings by Grade Level

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
*Food & Nutrition - 461	*Food & Nutrition – 461	*Food & Nutrition - 461	*Food & Nutrition – 461
*Food Science - 462	*Food Science - 462	*Food Science - 462	*Food Science - 462
*Fabrics & Textiles - 471	*Fabrics & Textiles – 471	*Fabrics & Textiles I - 471	*Fabrics & Textiles I - 471
*Fabrics & Textiles II - 472	*Fabrics & Textiles II – 472	*Fabrics & Textiles II - 472	*Fabrics & Textiles II- 472
*Child Development I – 480	*Child Development I – 480	*Child Development I - 480	*Child Development I – 480
*Child Development II - 481	*Child Development II - 481	*Child Development II - 481	*Child Development II - 481
*Family Relations – 482	*Family Relations – 482	*Family Relations – 482	*Family Relations – 482
*Indicates a semester course	*Advanced Foods - 464	*Advanced Foods - 464	*Advanced Foods - 464

### **Course Descriptions**

There are eight classes offered in the Family and Consumer Science Department--Food & Nutrition, Food Science, Advanced Foods, Fabrics & Textiles I, Fabrics & Textiles II, Child Development I, Child Development II, and Family Relations. Food & Nutrition must be successfully completed before taking Food Science, and Food Science taken before Advanced Foods. Fabric Construction I must be successfully completed before taking Fabric Construction II. Child Development may be taken at any year preferably in grades 10, 11, or 12.

Food & Nutrition and Food Science, Child Development and Family Relationships are designed to be taken as a series of four sequential courses to prepare students for the world of work. The student may also continue Child Development studies with an articulated program at NICC in the program entitled Early Childhood.

**Food & Nutrition - 461**

One Semester 1.0 Credit

**Prerequisite:** None**Class size limit:** 16 students

**Content:** This semester course introduces you to the amazing world of food. It examines the nutritional needs of the individual. Emphasis is placed on the six main nutrients, nutrition throughout your lifespan, and careers in the culinary field. You will acquire basic culinary skills: reading a recipe, preparation skills, cooking methods, food safety, and sanitation. Language arts, mathematics, science, and social studies are reinforced.

**Activities:** Projects, food labs, assignments, technology, food labs, and hands-on learning experience & activities

**Out of class time required:** Individual projects.

**Evaluation:** Daily assessment on cooking labs, quizzes and tests.

**Food Science - 462**

One Semester 1.0 Credit

**Prerequisite:** Student must complete Food & Nutrition with a "C" average before taking this class.**Class size limit:** 16 students

**Content:** This semester course focuses on food preparation techniques while applying nutrition, food science, and test kitchen concepts. Students develop skills in preparing foods such as fruits, vegetables, grain products, dairy, eggs, meat, poultry, and beverages. English language arts, mathematics, and science are reinforced.

**Activities:** Work-based learning strategies include a real-world culinary experience, guest speakers, and field trips. Emphasis on careers, employability, and 21<sup>st</sup> Century Skills

**Out of class time required:** Individual projects.

**Evaluation:** Lab grade, tests, and quizzes.

**Advanced Foods - 464**

One Semester 1.0 Credit

**Prerequisite:** Food & Nutrition and Food Science

**Content:** Focuses on advanced food preparation techniques while applying techniques and dishes of global foods. Students will learn about the world's food supply, food science & technology, careers in food, and the art of cooking. Students will develop skills in preparing foods such as: sandwiches, pizza, salads, casseroles, soups, foods of the United States and Canada and around the world.

**Activities:** Work-based learning strategies include a real-world culinary experiences, guest speakers, field trips, and community service projects will be utilized when available. An opportunity for an in-school food business component allows students to apply instructional strategies. Emphasis will be placed on careers, employability, and 21st Century skills.

**Fabrics & Textiles I - 471**

One Semester 1.0 Credit

**Prerequisite:** None**Class size limit:** 13 students

**Content:** The student will be introduced to fabric terminology, sewing vocabulary, construction techniques, machine safety, quilting, and the use of a sewing machine and iron.

**Activities:** Each student will be given a list of projects that will be accomplished during the semester. These can change to meet the needs of the individuals in the class or change because of new advances in this field. Each student is responsible for the purchase of fabric if they do not wish to use the fabric provided. A sample portfolio of various sewing techniques will be required.

**Out of class time required:** None

**Evaluation:** Portfolio with individual and teacher assessment.

**Fabrics & Textiles II - 472**

One Semester 1.0 Credit

**Prerequisite:** Student must complete Fabric Construction I with a "C" average.**Class size limit:** 13 students

**Content:** This is a continuation of Fabrics & Textiles I which will emphasize quality, individual practice of techniques learned, and creativity. Fashion design, history, and careers in fashion will be highlighted.

**Activities:** Projects that entail the above techniques

**Out of class time required:** None

**Evaluation:** This is a continuation of Fabric I. Students will add samples of various techniques to their portfolio.

**Child Development I - 480**

One Semester 1.0 Credit

**Prerequisite:** Must be sophomore, junior or senior**Content:** The class emphasizes parenting choices, responsibilities, challenges and decision-making. Pregnancy, prenatal development, childbirth and child development through age 4 will be highlighted. There will be time in a preschool setting with students.**Activities:** Lecture, note taking, worksheets, videos, guest speakers, and projects.**Out of class time required:** Projects, observation and participation in preschool and classroom setting.**Evaluation:** Tests, quizzes, projects and participation.**Child Development II - 481**

One Semester 1.0 Credit

**Prerequisite:** Student must complete Child Development I with a "C" average.**Content:** The main focus of the class is on child from school age through adolescence and the responsibilities of parents regarding this age child. Other topics include parenting choices, responsibilities, challenges, and decision making and particular attention toward the implications for parental behavior in regards to discipline, teaching responsibility and moral and personality development. This class will also be designed to inform and prepare for child care and teaching. Students will explore and investigate careers and employment opportunities in child development and family-related occupations. Students will also be expected to participate in labs in the elementary. Current issues within child development and parenting would also be discussed.**Activities:** Lecture, note taking, worksheets, videos, guest speakers, and projects.**Out of class time required:** One weekend with the Real-Care Babies.**Evaluation:** Participation, observations, tests, projects.**Family Relations - 482**

One Semester 1.0 Credit

**Prerequisite:** None**Content:** This class is divided into two parts. Independent Living with an emphasis on communication skills, personality development and career choices is the first part. Part two includes all aspects of family relationships which includes relationships with parents, peers and siblings. Dating, marriage, family, conflicts, aged and death are other topics which will be covered.**Activities:** Discussions, group and individual projects, guest speakers.**Out of class time required:** Individual and group projects.**Evaluation:** Self assessment, daily participation points, and written journal.

## Health

Course Offerings by Grade Level

**Grade 9,**  
Health Education - 562**Grade 10,**  
Health Education - 562**Grade 11**  
Health Education - 562**Grade 12**  
Health Education - 562

\*Indicates a semester course

### Course Descriptions

**Health Education - 562**

One Year 2.0 Credits

**Prerequisite:** None**Content:** A required year-long course to be taken as a freshman, sophomore, junior or senior. Points of emphasis will be in the areas of personal health care, the life cycle, substance use and abuse, diseases, stress management and health and society.**Out of class time required:** Required readings**Evaluation:** Tests, quizzes, classroom participation, homework assignments, and projects.

# Health Occupations Consortium

offered through NICC and area high schools—class size is limited

## CNA I & CNA II – fall semester only (ICN) (grades 11-12)

3.0 NICC Credits

NICC # HSB:172

1.0 High School Credit

**Prerequisite:** Student is proficient on the ACCUPLACER or COMPASS test or have a qualifying Reading ACT score, and age requirement of 16 years old. A background check is required and paid for by NICC. A tuberculosis screening is required 2 weeks prior to clinical start date.

**Description:** The course is designed to provide the knowledge and practical skills necessary to provide care and service to residents in long-term care facilities by preparing individuals to become efficient, caring members of the health-care team. Thirty hours of theory will consist of classroom lecture regarding the cares provided by a certified nurse aide. Fifteen hours in a laboratory setting will provide "hands on" experience of competencies prior to attending 30 hours in a clinical setting. The clinical experience provides students the opportunity to experience resident care in the long-term care environment. Upon successful completion of this course, students will be eligible for state licensing and can test out of skills.

*Prerequisite Course for: NICC nursing clinical coursework and several other nursing programs.*

## MEDICAL TERMINOLOGY –fall semester only (ICN) (grades 11-12)

4.0 NICC Credits

NICC #HIT:140

1.0 High School Credit

**Prerequisite:** Students must earn a proficiency level in reading, math and science on the Iowa Assessments.

**Description:** The study of medical terminology as the language of medicine with emphasis on word analysis, construction of definitions, pronunciation and spelling of medical terms.

*Support course for: Respiratory Therapy and Nursing*

## NUTRITION – second semester (ICN) (grades 11-12)

2.0 NICC Credits

NICC#PNN:270

1.0 High School Credit

**Prerequisite:** Students must earn a proficiency level in reading, math and science on the Iowa Assessments.

**Description:** Emphasizes a practical knowledge of good nutrition and some knowledge of diet therapy; includes a background of adequate and accurate information on basic nutritional needs of the body.

*Required course for: Nursing, Massage Therapy*

## DOSAGE CALCULATIONS – second semester (ICN) (grades 11-12)

1.0 NICC Credit

NICC#PNN:200

1.0 High School Credit

**Prerequisite:** Student is proficient on the ACCUPLACER or COMPASS test or have a qualifying Math ACT score.

**Description:** Includes a review of fractions and decimals, conversions of metric, apothecary and household units and computations of drug dosages. The classification of drugs affecting each body system will be an integral part of this course.

*Required course for: Nursing, EMT*

## PRINCIPLES OF DISEASES – second semester (online) (grades 11-12)

4.0 NICC Credits

NICC#HIT:165

1.0 High School Credit

**Prerequisite:** Students must earn a proficiency level in reading, math and science on the Iowa Assessments, **AND** a minimum grade of C- in Medical Terminology.

**Description:** A focus of essential concepts of disease processes in relationship to the etiology, pathogenesis, pathology, and treatment of human diseases.

# Industrial Tech

## Course Offerings by Grade Level

Grade 9	Grade 10	Grade 11	Grade 12
Manufacturing I - 341	Manufacturing I – 341	Manufacturing I – 341	Manufacturing I - 341
	Manufacturing II – 352	Manufacturing II – 352	Manufacturing II - 352
		Materials Processing I – 351	Materials Processing I - 351
		*World of Construction - 348	*World of Construction – 348
			DRAFTING (C.A.D.) – 346

\*Indicates a semester course

## Course Descriptions

Manufacturing I, Manufacturing II and Material Processing are designed to be taken as a series of three sequential courses to prepare students for the world of work in the manufacturing industry and other related areas.

### Manufacturing I - 341

One Year          2.0 Credits

**Prerequisite:** None

**Class size limit:** 15 students

**Content:** This course is designed to help students discover and develop potential individual talents, attitudes and interest related to industry and technology. They will be introduced to computer aided drafting and students will study the manufacturing industry. During the study of this industry, students will organize their own company which will mass produce a product to be sold by the company. The class will study and complete safety tests for the woodworking equipment in the lab.

**Activities:** Lab work, discussion, demos, stock-holders in our company, field trip, profit-sharing.

**Out of class time required:** 15 to 20 minutes per day

**Evaluation:** Grading of individual assignments, tests, and workmanship and work habits.

### Manufacturing II - 352

One Year          2.0 Credits

**Prerequisite:** Manufacturing I (Material Processing should not be taken the same academic year) **Class size limit:** 12 students

**Content:** This course is designed to give the student a background in AC-DC arc welding, oxy-acetylene welding, foundry power technology and how these relate to the manufacturing industry. Areas that will be covered in welding are: stick welding, MIG welding, oxy-acetylene welding, cutting and brazing and using the plasma cutter. Students will also work in the foundry area and learn accepted foundry practices by casting projects of aluminum or pot metal. The MIG welder will be used by students to develop skills in the area of wire welding. During second semester, students will design and manufacture projects suitable to their skill level.

**Activities:** Lab work. Students will have assigned tasks to complete in each area. Students will be required to do a major project.

**Out of class time required:** Some study hall time, if needed to complete project.

**Evaluation:** Assigned skill development projects, work habits and project evaluation.

Participation in the Art, Industrial Tech, and Consumer Science show is required.

### Materials Processing - 351

One Year          2.0 Credits

**Prerequisite:** Manufacturing I--should not be taken the same academic year as Man. II

**Class size limit:** 12 students

**Content:** This course is designed to give the student the opportunity to design, plan and construct a large woodworking project with a variety of woods and materials. Examples of these would be desks, entertainment center, gun cabinet, hutch and grandfather clock.

**Activities:** Lab work

**Out of class time required:** Some study hall time is needed to complete project.

**Evaluation:** Assigned skill development projects, work habits, and project evaluation. Participation in the spring Art, Industrial Tech, and Consumer Science show is required.

### World of Construction – 348

One Semester      1.0 Credit

**Prerequisite:** Manufacturing I and in grade 11 or 12

**Class size limit:** 12 students

**Content:** This course is designed to give the student a basic understanding and skills related to residential carpentry. The student will learn skills for rough construction, finish work or both. Students will learn to read blueprints, erect buildings from construction lumber and finish as needed. Projects will be designed and constructed by the students as a class. These can vary, but must meet the expectation for the class and the instructor. Project examples: shed, playhouse, garage, calf huts, campers, ice fishing shacks, hunting shacks.

**Activities:** Lab work

**Out of class time required:** Some study hall time may be needed to complete project.

**Evaluation:** Assigned skill development projects, work habits, and project evaluation.

### **DRAFTING (CAD) - 346**

One Semester 1.0 Credit  
2.0 NICC College Credits.

NICC# CAD:172 This course is taught on the NICC campus in Calmar.

**Prerequisite:** Students must earn a proficiency level in reading, math and science on the Iowa Assessments and **AND** a minimum grade of C- in COMPUTER BUSINESS APPLICATION

**Content:** This course is recommended for students contemplating engineering, robotics, computer technology, electronics or any trade school or working in an area where blueprint reading or drawing is required or would be advantageous. This course includes lettering, sketching, mechanical drawing, view of objects and their techniques and application, dimensioning, sectional, and auxiliary views, threads and fasteners, working drawings, pictorial drawings, cams and gears, structural drawings, and computer aided drafting.

**Activities:** Labs and lectures.

**Out of class time required:** Some study hall time if needed to complete assignments.

**Evaluation:** Tests and individual drawing assignments.

## **Mathematics**

### Course Offerings by Grade Level

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
Pre-Algebra - 209	Algebra I – 211	Algebra II – 212	Math for Daily Living - 204
Algebra I - 211	Algebra II – 212	Geometry – 213	Informal Math - 205
	Informal Math - 205	Math for Daily Living- 204	*Math Analysis - 218
		Informal Math - 205	*Statistics (tentative) - 216

\*Indicates a semester course

### **Course Descriptions**

#### **Pre-Algebra - 209**

One Year 2.0 Credits

**Prerequisite:** Successful completion of 8th grade math

**Content:** Pre-Algebra is a course for students who may not have the ability to complete a concentrated Algebra I course. It is a course designed to give the student algebraic concepts necessary to complete other courses in high school. The course will cover only the elementary concepts of algebra and will be taught at a rate to allow for individual differences of each student.

**Activities:** Lectures, demonstrations and practice exercises.

**Out of class time required:** None, unless student is unable to produce acceptable work during class time.

**Evaluation:** Daily work, objective tests.

#### **Algebra I - 211**

One Year 2.0 Credits

**Prerequisite:** Student must have a “C” or higher in the previous course. Special cases may be considered by the instructor.

**Content:** Algebra I may fit into a number of different types of curriculum, but it is essential for a college prep student. It is a study of the properties and relations of numbers and of symbols representing numbers. The difference between algebra and arithmetic is that algebra makes greater use of symbols to represent numbers and ideas. The purpose of Algebra I is to enable a person to solve problems that would be difficult or impossible without its method.

**Activities:** Lectures, demonstrations and practice exercises.

**Out of class time required:** Maximum two hours per week.

**Evaluation:** Daily work and objective tests.

#### **Algebra II - 212**

One Year 2.0 Credits

**Prerequisite:** Student must have a “C” or higher in the previous course. Special cases may be considered by the instructor.

**Content:** Algebra II is an elective college prep course open to anyone who has successfully completed Algebra I. Algebra II includes a complete review and an extension of the properties of real numbers as well as a complete study of such topics as: problem solving, quadratic functions and their graphs, roots and powers, ratios and proportions, imaginary numbers and an introduction to trigonometry.

**Activities:** Lectures, demonstrations, practice exercises, quizzes and tests.

**Out of class time required:** Maximum three hours per week.

**Evaluation:** Daily work and objective tests.

**Informal Mathematics - 205**

One Year

2.0 Credits

**Prerequisite:** None**Content:** Informal Math is an elective open to all sophomores, juniors and seniors. The course emphasizes the teaching of mathematics as problem solving, communication, and reason, and highlights the connections among mathematical topics and between mathematics and other disciplines. The course looks at math concepts with relationship to real world problems.**Activities:** Short lectures and daily assignments.**Out of class time required:** None - if assignments are completed during the time provided in class.**Evaluation:** Daily work, and objective tests.**Math for Daily Living - 204**

One Year

2.0 Credits

**Prerequisite:** None**Content:** Math for Daily Living is an elective open to all juniors and seniors. The course provides students with a knowledge of mathematical principles used in everyday life. Emphasis is placed on insurance, banking, consumer buying, investments and income tax.**Activities:** Short lectures and daily assignments.**Out of class time required:** None - if assignments are completed during the time provided in class.**Evaluation:** Daily work, and objective tests.**Geometry - 213**

One Year

2.0 Credits

**Prerequisite:** Student must have a "C" or higher in Algebra II. Special cases may be considered by the instructor.**Content:** Geometry is a college prep course. It is the study of the size, shape and general characteristics of three-dimensional and plane figures. Geometry encourages the student to solve problems using logic. Emphasis is placed on those geometric topics, such as similar polygons, right angles, proofs, and constructions, which are most useful in more advanced mathematics. Practice is provided in the fundamental skills of geometry, algebra, and trigonometry while more advanced topics are learned and practiced.**Activities:** Lectures, demonstrations, practice exercises, quizzes and tests.**Out of class time required:** At least 30 minutes per day.**Evaluation:** Daily work and objective tests.**Math Analysis - 218**

One Semester (first semester) 1.0 Credit

**Prerequisite:** Student must have a "C" or higher in Geometry. Special cases may be considered by the instructor.**Content:** Math Analysis is an advanced high school, college prep, math course open to anyone who has successfully completed Geometry and Algebra II. This course helps to bridge the gap between high school and college mathematics by examining such topics as mathematical induction, sequences and series, functions, circular trigonometry functions and derivatives..**Activities:** Lectures, demonstrations, practice exercises, quizzes and tests.**Out of class time required:** Maximum two to four hours per week.**Evaluation:** Daily work and objective tests.**STATISTICS - 216**

One Semester (Spring)

1.0 Credit

**Prerequisite:** Students must have a "C" or higher in Math Analysis, **and** student has a qualifying ALEKS math score, if offered as a college credit (3 credits) course through NICC.**Content:** The course is an introduction to the basic methods of statistical reasoning. The course will help the student develop the ability to summarize data, interpret data and draw conclusions based on the data. Some topics included are: descriptive statistics, probability, discrete and continuous probability distribution, statistical sampling and sampling distribution, statistical inference, hypothesis testing, and regression and correlation.**Out of class time required:** One to three hours per week.**Evaluation:** Daily work and objective tests.

# Music

## Course Offerings by Grade Level

Grade 9	Grade 10	Grade 11	Grade 12
Concert Band - 511	Concert Band – 511	Concert Band – 511	Concert Band – 511
Concert Choir - 521	Concert Choir – 521	Concert Choir – 521	Concert Choir - 521

\*Indicates a semester course

## Course Descriptions

**Concert Band - 511** One Year 2.0 Credits

**Prerequisite:** Previous membership in the Junior High Band or by consent of the instructor.

**Content:** Concert Band encompasses a wide variety of instrumental ensembles all designed to expose a student to many styles of music. The Concert Band serves as the core of the band program. Other activities which are a direct outgrowth of Concert Band membership are: private or group lessons, participation in solo and ensemble contest, large group contest, district and conference band festivals, marching band, pep band, jazz band, band trips and other social group activities.

**Out of class time required:** It is recommended that each student practice daily in order to adequately prepare for lessons and rehearsals.

**Evaluation:** Weekly performance in lessons will be the main criteria used in determining a band grade.

**Concert Choir - 521** One Year 1.0 Credit

**Prerequisite:** None

**Content:** 9-12 Non-Auditioned Mixed Vocal Ensemble. Rehearsals are used to prepare music for seasonal concerts with an emphasis on personal vocal growth and the development of musical skills. Repertoire will be taught through lessons and opportunities reaffirming musical skills (healthy/ideal vocal production, ensemble blending, vowel modification, music literacy, performing practices, sight reading and aural training).

**Activities:** A minimum of six performances, including large group contest and graduation, as well as possible out of school appearances.

**Out of class time required:** Throughout the year, there will be a select number of projects and assignments assigned to aid in understanding of concepts and topics applied in this class.

**Evaluation:** Concert preparation in rehearsals, development/progress made in lessons and course work will be represented in the final grade.

# Physical Education

Grade 9	Grade 10	Grade 11	Grade 12
Physical Education – 572			

## Course Description

Physical Education is required each semester, each year for all grades nine through twelve. One credit is awarded for each year's successful completion of the course. A total of four (4) credits is required for graduation. Only under specific, extenuating circumstances is this graduation requirement modified.

**Physical Education - 572** One Year 1.0 Credit

**Prerequisite:** None

Class meets every other day of two-day cycle

**Content:** This course introduces many different activities from which students may choose one or several to improve upon during their leisure time outside of class. The student is introduced to individual, dual and team activities, such as soccer, flag football, softball, jogging, badminton, volleyball, table tennis, the study of exercise, track and field, aerobics, basketball, floor hockey, weight training, archery, floor games and the President's Council on Physical Fitness testing. The student will spend 60% of their physical education class in the fitness center.

**Evaluation:** Daily evaluation by instructor that includes: active participation and attendance.

# Science

Course offerings by Grade Level - Physics and Chemistry may be offered every other year

Grade 9	Grade 10	Grade 11	Grade 12
Science - 9 - 304	Biology I - 311	Anatomy & Physiology – 314 Environmental Science - 318 Chemistry – 320 Physics – 321	Anatomy & Physiology – 314 Environmental Science - 318 Chemistry – 320 Physics – 321

\*Indicates a semester course

## Course Descriptions

### **Science - 9 - 304**

One Year          2.0 Credits

**Prerequisite:** None

**Content:** This course serves as a foundation for chemistry and physics. The areas covered during the year are systems of measure, astronomy, and chemistry.

**Activities:** Experiments, demonstrations, outside activities in astronomy.

**Out of class time required:** 1-2 hours per week.

**Evaluation:** Tests, daily work, worksheets, and group and individual projects.

### **Biology - 311**

One Year          2.0 Credits

**Prerequisite:** None

**Content:** Biology is the study of all living things. Coursework includes cell biology and genetics. The student is encouraged to develop scientific skills through labs, activities, demonstrations, and observations..

**Activities:** Vocabulary, class notes, drawings, lab assignments, worksheets, and group and individual projects.

**Out of class time required:** 2-3 hours per week

**Evaluation:** Drawings, labs, quizzes, tests, daily work and binder.

### **Anatomy & Physiology- 314**

One Year          2.0 Credits

**Prerequisite:** Students must have a "C" in Biology or the instructor's approval.

Limit of 20 students per section.

**Content:** This course is primarily a college preparation course. The coursework includes traditional work in anatomy and physiology with an emphasis on the structure and functions of select human body systems.

**Activities:** Lectures, cat dissections, projects

**Out of class time required:** Minimum of two hours per week

**Evaluation:** Tests, cat dissection, daily work, projects and presentations.

### **Environmental Science - 318**

One Year          2.0 Credits

**Prerequisite:** Biology

The purpose of this class is to expose students to a variety of current environmental issues. Topics covered in this class include global warming, water quality, air quality, land quality, nonrenewable and renewable resources, ecosystems, the 3 R's (Reduce, Recycle, Reuse), preserving the environment, population problems, making healthy and environmentally sound choices, and others. The course information is presented through text, daily work, notes, participation, projects and quizzes. This class is a year long.

**Activities:** Lectures, lab activities, projects, journals, tests.

**Out of class time required:** Minimum of two hours per week.

### **Chemistry - 320**

One Year          2.0 Credits

**Prerequisite:** Algebra I

**Content:** This course is primarily a college preparation course. The course consists of the study of atoms regarding energy and matter, atomic structure, periodic table, mathematics of chemistry, kinetic theory, equilibrium, acid-base theories, organic chemistry, and forensics.

**Activities:** Application of theories studied in the course is carried out in frequent lab sessions.

**Out of class time required:** Minimum of two hours.

**Evaluation:** Tests, quizzes, lab work and projects.

**Physics - 321**

One Year

2.0 Credits

**Prerequisite:** Algebra I and Algebra II (or currently enrolled in Algebra II)**Content:** This course strives to give the student an understanding of the physical laws fundamental to all the sciences. The general areas include aerolab, energy, waves, light, electricity, electronics, kinematics and dynamics.**Activities:** Lectures, lab activities, projects.**Out of class time required:** Minimum of two hours per week.**Evaluation:** Tests, daily work (problems), lab experiments and projects.**Social Studies**

Course Descriptions by Grade Level

**Grade 9**

\*World Geography - 412

**Grade 10**

World History - 416

**Grade 11**

U.S. History - 402

\*Psychology – 420

\*Current Issues– 408

\*Sociology – 424

\*Conflicts in American History – 425

\*DEV PSYCH – 582

\*PSYCH-HUM RELATIONS-584

**Grade 12**

\*Topics of U.S. Government

\*Psychology - 420

\*Current Issues - 408

\*Sociology – 424

\*Conflicts in American History –425

\*DEV PSYCH - 582

\*PSYCH-HUM RELATIONS-584

\*Indicates a semester course

**Course Descriptions****World Geography - 412**

One Semester

1.0 Credit

**Prerequisite:** None**Content:** Provides students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods and ideas. Current events are also included.**Activities:** Students will also participate in writing exercises, reading strategies activities, and cooperative learning projects.**Out of Class time required:** 2 -3 hours per week**Evaluation:** Tests, quizzes, map tests, assignments, readings, classroom participation, and performance-based assessments.**World History - 416**

One Year

2.0 Credits

**Prerequisite:** None**Content:** Units of study are structured around a survey of our heritage from the first human societies to the present day. The course focuses on the development of Western and non-Western civilizations and the evolution of modern global conditions. Topics include the earliest human societies, the beginning of civilization, early Western society, major Asian, African, and American cultures, and the development of the modern world's political, social, economic, cultural conditions, and international relations. A major purpose of the course is an understanding of the world we live in, how we got where we are today, and a sense of what the future might hold.**Activities:** Learning activities will include a variety of instructional strategies to engage a wide variety of diverse learners. There may be one/two major project/presentation each semester.**Out of class time required:** 2 hours per week**Evaluation:** Unit tests, chapter quizzes, writing assignments, performance-based assessments, and presentations.**U. S. History - 402**

One Year

2.0 Credits

**Prerequisite:** None**Content:** Units of study are structured around time periods and eras in America's past. Examples include: American Independence, the Constitution, Economy and Regionalism, Civil War and Reconstruction, Western Expansion, The Early 1900's and World War I, the 1920's and the Depression Era, World War II and the Cold War, and the Vietnam Era.**Activities:** Learning activities will include a variety of strategies in analyzing chronological events. Material will be acquired through Internet sources, the U.S. History textbook, videos, and various library resources. Periodically, students will be assigned both individual and group projects covering historical topics. These include: Civil War Battles, Native American Tribes, the Wild West, changes in American society, and World War II Studies.**Out of class time required:** 2 - 3 hours per week**Evaluation:** Unit tests, section quizzes, assignments, writings, presentations, and performance-based assessments.

**Topics of U.S. Government - 404**

One Semester 1.0 Credit

**Prerequisite:** None

**Content:** The purpose of this course is to introduce students to the history and current structure of the American governmental system and to encourage participation in their society. U.S. Government classes will begin by discussing the foundations of American government --such as its origins and the Constitution. Students will also discuss political behavior such as voter behavior and the electoral process. Finally, students will learn about the three branches of government. Current events will also be a part of the course to keep students aware of what's going on in their world.

**Out of class time required:** 1 hour per week.**Activities:** Lectures, discussion, group activities, and current events.**Evaluation:** Exams, daily work, and amount and quality of participation in classroom discussions.**Current Issues - 408**

One Semester 1.0 Credit

**Prerequisite:** None

**Content:** Studies the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20<sup>th</sup> century to the present.

**Activities:** Individual and group analysis of issues, readings, critical viewing, research, and problem solving.**Out of class time required:** 2 hours per week**Evaluation:** Discussions, debates, presentations and weekly reading assignments.**Psychology - 420**

One Semester 1.0 Credit

**Prerequisite:** None

(It is recommended, but not required that Sociology - 865 be taken first.)

**Content:** This course is designed primarily for the student who intends to enter a four year college. The course text is a college textbook. This course is designed to introduce students to the study of human behavior and mental processes. The class will begin with an examination of the biological basis of behavior including the brain, the nervous system and the senses. In the behavior units, the students will examine sleep, dreams, conditioning, learning, memory, intelligence, motivation and emotion. The final section will be dedicated to personality, stress, psychological disorders and types of therapies.

**Activities:** Discussion, group activities, research, and out of class assignments and projects.**Evaluation:** Tests, quizzes, and daily work.**Sociology - 424**

One Semester 1.0 Credit

**Prerequisite:** None

**Content:** This course is designed to survey human behavior in group settings as well as problems groups may cause in society. The class will study behavior and interactions in a variety of situations and settings.

**Activities:** Discussion, group activities and research..**Evaluation:** Tests, quizzes, daily work and a research paper.**Conflicts in American History - 425**

One Semester 1.0 Credit

**Prerequisite:** World History, U.S. History (or currently enrolled)

**Content:** A one semester course that goes deeper, beyond knowing just about any specific "military conflict" in American history to explore the issues, moral conflicts, ethical conflicts, social conflicts, and individual "inner" conflicts within those larger events or movements. Topics may include, but are not limited to major social movements, social revolutions, military actions, or events that spurred historical or current strife in America.

**Out of class time required:** 2 hours per week average**Activities:** Reading, individual and group projects and activities, listening, guest speakers.**Evaluation:** Participation, presentation, projects.**DEVELOPMENTAL PSYCHOLOGY - 582**

Semester One 1.0 Credit

**NICC #PSY:121**

3 NICC College Credits

**Prerequisite:** Students must earn a proficiency level in reading, math and science on the Iowa Assessments.

An introductory course in human growth and development throughout the life span, including genetics, health, family, social networks and other determinants of development; includes theories and theorists.

## PSYCHOLOGY OF HUMAN RELATIONS- 584

NICC #PSY:112

Semester Two 1.0 Credit

3 NICC College Credits

**Prerequisite** Students must earn a proficiency level in reading, math and science on the Iowa Assessments.

Covers all types of interactions among people—their conflicts, cooperative efforts and group relations. It is the study of those beliefs, attitudes and behaviors that cause interpersonal conflict in our personal lives and in work-related situations.

## Spanish

Course Offerings by Grade Level

### Grade 9

Spanish I - 191

### Grade 10

Spanish II – 192

### Grade 11

Spanish III - 193

### Grade 12

Spanish IV - 194

## Course Descriptions

### Spanish I - 191

One Year

2.0 Credits

**Prerequisite:** No less than a "C-" average in previous year's English classes, both semesters and students must earn a proficiency level in reading, written expression and vocabulary on the Iowa Assessments.

**Content:** Through this course, the student will be introduced to pronunciation, basic vocabulary, and grammar of the Spanish language. The student will become familiar with good sentence structure in present tense and will be introduced to past tense. The student will learn how to ask and answer basic Spanish questions.

**Activities:** Drills in groups, short readings, games, vocabulary, flashcards, dialogue.

**Out of class time required:** Oral practice of daily lessons, some written exercises, 15-20 minutes of nightly review is recommended.

**Evaluation:** Tests, quizzes, student presentations, homework and daily participation.

### Spanish II - 192

One Year

2.0 Credits

**Prerequisite:** No less than a "C-" average in Spanish I both semesters.

**Content:** Students will refine skills in pronunciation, vocabulary, and grammar of the Spanish language. Students will be expected to read, speak and write in Spanish. The students will learn the past, present, future, command and progressive tenses. They will learn to use pronouns correctly in oral and written Spanish. It is recommended that students do not skip years between Spanish I and Spanish II.

**Activities:** Drills, readings, vocabulary, flashcards, dialogues, games.

**Out of class time required:** Written work and oral practice as assigned, and 20-30 minutes of note review per night.

**Evaluation:** Written and oral quizzes and tests, daily participation. Emphasis on progress made.

**\*\*NOTE:** Students must pass with at least a "C-" in each semester of Spanish I and II to satisfy college/university requirements. A grade of B or higher is recommended when considering Spanish III.

### Spanish III/IV - (193-194)

One Year

2.0 Credits

**Prerequisite:** No less than a "C-" average in Spanish I and Spanish II both semesters. A "B" or higher is recommended in both Spanish I and II in order to be successful in Spanish III and IV.

The curriculum for Spanish III/IV will be on a two-year rotation. Review of verb form and grammar will be done with readings, conversation, written exercises and dialogues. By the end of the year, students should gain confidence in the present, progressive, preterit, imperfect, future, conditional and subjective tests.

**Content:** Students will master skills taught in Spanish I and Spanish II. Students will be expected to read, write, and speak in Spanish and to complete projects. It is recommended that students not skip years between Spanish II and Spanish III/IV.

**Activities:** Reading of short stories, poems, novels and essays; presentation of dialogues and plays; writing of diaries and compositions; monthly oral discussions; elementary teaching or optional independent project as able to schedule; review of grammar, vocabulary and verb tenses.

**Out of class time required:** Written work and oral practice as assigned, 3-4 hours per week is suggested.

**Evaluation:** Oral and written tests, daily participation, projects, quizzes, homework, class activities and 3-ring binder.

### **Foreign Language Admission Requirements to Iowa State, University of Iowa and University of Northern Iowa**

- **Iowa State admission** – 2 years of a single foreign language are required for admission to the College of Liberal Arts and Sciences and the College of Engineering. Foreign language courses are not required for admission to the Colleges of Agriculture, Business, Design, or Human Sciences. For many degrees, the third or fourth year of proficiency is required for graduation. Check with the program area.
- **University of Iowa admission** – 2 years of a single foreign language are required for admission. For many degrees, the fourth year of proficiency is required for graduation. Nursing - 3 years in a single language or two years each in two different languages. For many degrees, the third or fourth year of proficiency is required for graduation. Check with the program area.
- **University of Northern Iowa admission** – Foreign language courses are not required for admission. However, two years of a foreign language in high school with a C- or above in the last term will meet the university graduation requirement. However, two years of foreign language in high school with a C- or above in the last term may meet the university graduation requirements.

- *Additional years of a foreign language may be required for specific majors to graduate.*
- *For requirements to other colleges, see the guidance counselor or visit the college's website.*

### **Advanced Placement Courses to be offered at Turkey Valley High School**

Turkey Valley High School offers Advanced Placement (AP) courses through the Iowa Online Academy to qualifying juniors and seniors. Enrollment for AP classes should be completed with the scheduling information in the spring. Interested students should see Mr. Wenthold for more information or to get registered.

Year-long courses are: AP Biology, AP Calculus AB, AP Chemistry, AP English Language & Composition, AP English Literature & Composition, AP Physics B, AP Statistics, AP Spanish, and AP U.S. History.

Semester-long courses are: AP Macroeconomics, AP Microeconomics, AP U.S. Government, and AP Psychology.  
**(All IOAPA courses have been approved through the College Board audit system.)**

# Education Resource Center

Must have approval of the instructor

## Grade 9

\*Job Shadow - 90

\*Career Education 9 - 83

\*Indicates a semester course

## Grade 10

\*Job Shadow - 90

\*Career Education 10 - 84

## Grade 11

\*Work Experience – 92

\*Career Education 11 – 85

## Grade 12

\*Work Experience - 92

\*Career Education 12 - 86

## Course Descriptions

### Job Shadowing – 90

One Semester 1.0 Credit

**Prerequisite:** Freshman or sophomore with teacher recommendation.

**Content:** Student will have an evaluation completed by the Work Experience Coordinator. Student will explore and report on careers of interest. Students will job shadow (on site observations) at least two jobs.

**Out of class time required:** None

**Evaluation:** Classroom participation, job shadowing worksheets, and reports.

### Career Education - 83, 84, 85, 86

One Semester 1.0 Credit

**Prerequisite:** Freshman, sophomore, junior or senior with teacher recommendation.

**Content:** Focus on developing individual skills in functional reading, functional math, basic written skills, daily living skills, social skills, communication skills, money management, home management, organization skills, purchasing habits, job behavior and job seeking skills, food preparation and shopping, and health care. During the course of a student's high school career, the student may take up to eight semesters of career education.

**Out of class time required:** One half hour per week.

**Evaluation:** Checklists, rubrics, tests, quizzes, classroom participation, daily assignments.

### Work Experience - 94

One Semester 1.0 Credit per Period Worked  
(maximum 2 credits per semester)

**Prerequisite:** Junior or senior with teacher recommendation

**Content:** This course will help students enter the workforce through career exploration, job search and application, and the development of positive work attitudes and work related skills. Students will complete course work online, as well as through on site work experiences. Students will be able to earn two credits during a semester, one credit for each work placement. This course requires students to have two periods blocked off for on-site placement. Work placements will have to be approved by the course instructor and the high school principal.

**Out of class time required:** one period per credit

**Evaluation:** Employer evaluation, attendance, class participation

## Vocational

### Senior Careers - 125

One Semester 1.0 Credit

**Prerequisite:** Must be a senior

**Content:** Senior Career Communications is a required class for seniors which will focus on but will not be limited to the following: communications for the job, resumes and interviewing; citizenship and community service; career selection, job shadowing and/or on-the-job training. This class will be significant for those entering the job market immediately after graduation, those planning to attend a two year training program, or those planning to attend a four year institution.

**Activities:** Producing a resume utilizing current computer applications; note-taking from guest speakers; practice interviews; service projects; computer career research; on-site career exploration; formal presentations; attend two community meetings, and creation of a personal portfolio.

**Out of class time required:** Dependent upon service project selection and on-the-job/job shadowing experience.

**Evaluation:** Based on writing assignments, citizenship activities and service project, group participation, individual participation, completion of the job shadowing/on-the-job training, attending community meetings, and creation of a personal portfolio.



# Program Manual

Updated January 2018

Charles City  
New Hampton  
Osage  
Rudd-Rockford-Marble Rock

**What is Iowa BIG North?**

This elective course will be offered off site from the “Mothership.” (CC, NH, Osage, RRMR HS) Students will meet one, two, three or four periods a day. Cooperating schools are Charles City, New Hampton, Osage and Rudd-Rockford-Marble Rock. Credits earned by students will be linked to their High School. Participating students will be expected to collaborate with their peers and professionals as they explore community issues to solve real-world problems. Students may collaborate on a project with students from a mix of students from all or any of the participating schools. This passion driven, inquiry based course is designed to expose a student’s passion and spread that passion to each member of the collaborative group. Students will sign up for credits in science, English and/or universal constructs after having conversation with one of the lead teachers.

### **Charles City IBN Site**

The CC site is located in a refurbished art space of the old CCMS at 500 N. Grand. The space is open with several learning spaces incorporated within, with three separate rooms for private and/or small group settings. One of those separate rooms is a decent sized conference room. The entire space is open to not only students and staff, but also business partners and entrepreneurs in the community. The site has an open door policy from 5th-8th period daily. The CC site is staff by Donna Forsyth and Michelle Grob. We continue to evolve in the CC space and look forward to furniture and technology updates to incorporate improved communication and learning opportunities for students, staff, and community.

### **New Hampton IBN Site**

Currently the NH site is based on Main Street with open windows to traffic. There is a main conference room and 4 office spaces based on a business model. The office is open to not only students and staff, but also business partners and entrepreneurs in the community. The site has an open door policy from 5th-8th period daily. The NH site is staffed by Mike Kuennen and Kristina Anderson. Plans are currently underway to move the NH site to the former DOT building on the east side of town. This is one of the initiatives of the IBN student group BLDD.

### **Osage IBN Site**

The IBN site in Osage is located upstairs at Osage Municipal Utility building, just a short walk through City Park from OHS. The space has many different configurations for small group and large group meetings. Along with the workspace upstairs, OMU has allowed us to utilize the well-furnished boardroom on the main floor of the building. This is where weekly initiative meetings take place when students are not out in the community engaging with business partners. The Osage site is staffed by Matt Finn, Ryan McInroy, and Tony Wynohrad from 1:00 PM to 3:15 PM. We are currently working to upgrade technology for enhanced project communication and better access to software application for student content creation.

### **RRMR IBN Site**

The IBN site for Rudd-Rockford-Marble Rock Community Schools is located in the High School at this time. This space is for STEM students whom are working on a project and need a place to hold a meeting with business partners. The space consists of a conference table with chairs, sofa, loveseat, marker boards, big screen TV, and a telephone. The Rockford

STEM Hub is staffed by Justin Heimer. Justin has devoted 2 periods a day towards STEM, however the students are capable of going into the room at any point in time.

### **Courses Offered**

#### **Research and Design (03212) Elective Science Credit**

This course provides students the opportunity to engage in more in-depth and sustained research and design of community, business, and/or government projects. Students work directly with business and community partners to take on projects, problems, and/or pursue opportunities to create something new. This course is competency-based, meaning students will be expected to demonstrate their understanding of the standards and content of the course in contextual performances for authentic audiences. Students complete the course when they have adequately demonstrated their competence in the identified standards.

#### **Universal Constructs (22152) Elective CTE Credit**

This course provides students the opportunity to engage in in-depth and more sustained projects in professional business, community, and/or government settings. Students will engage in pursuing answers to professional problems and projects while being immersed in a professional work environment. Development of 21st century and employability skills will be a strong focus of this course. This course is competency-based, meaning students will be expected to demonstrate their understanding of the standards and content of the course in contextual performances for authentic audiences. Students complete the course when they have adequately demonstrated their competence in the identified standards.

#### **Research and Technical Writing (01105, RAI approved) English Core Credit**

This course is designed to help students reach grade level, Iowa College Core and Readiness in Writing, Speaking and Listening, and Language. Students will design, create, and edit a number of written pieces including persuasive, informational, and research text. Students will become acquainted with the use of APA citations and format. Resources will include community partners, materials from Professional Studies (Future Prep), and traditional digital and print research. This course is competency based, meaning students will be expected to demonstrate their understanding of the standards in contextual performance for authentic audiences. Students complete the course when they have adequately demonstrated their competency in the required standards.

#### **Analysis of Literature (01053, RAI approved) English Core Credit**

This course is designed to help students reach grade level, Iowa College Core and Readiness in Reading/Literature, Reading/Informational Text, Speaking and Listening, and Language. Students will study, explore and contextualize recurring themes in texts from the United States and around the world to understand how they impact our work, community, and society. Literary work, for the most part, will be selected from texts published since 1950 and will include fiction and non-fiction, print and non-print sources. Resources will include traditional academic and digital resources and a community of experts and practitioners. This course is competency based, meaning students will

be expected to demonstrate their understanding of the standards in contextual performance for authentic audiences. Students complete the course when they have adequately demonstrated their competency in the required standards.

### **Biz Innovator ( )**

This course is the entrepreneurship curriculum toolkit utilized to teach the "entrepreneurial mindset" by encouraging creativity, innovation, critical thinking, and problem-solving - and also equipping students with the skills necessary to succeed and excel. Through our network with University of Iowa and certification of BizInnovator, we can offer this class for three college credits in the College of Business.

### **STEM Innovator (02212) College Credit for U of I and High School Science Elective Credit**

Students identify a problem of interest, verify and validate the problem through customer discovery, and establish and implement a solution. Students have the opportunity to earn 3 college credits from the University of Iowa.

### **Public Speaking (01151) English Core Credit**

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

### **How can I be a part of Iowa BIG North?**

Students interested in exploring Iowa BIG North should contact an instructor, counselor or principal about attending a Hack-a-Thon. Students may also be suggested by staff to attend the Hack-a-Thon. Following this event, student shall set up a meeting with an IBN staff member to talk about the program and desire to participate. A course visit/shadow will be scheduled during this meeting in order for the student to see the program in person and observe current students working on initiatives. Upon completion of this visit, student shall meet with the school counselors and/or principal to confirm enrollment and discuss credit options.