Indian Enrollment Guide
2019-2020

Excellence in Education
A Shared Responsibility
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REQUIREMENTS FOR GRADUATION

To be eligible for graduation from Andale USD No. 267, a student must meet the following minimum requirements before the Board of Education may grant a diploma:

Students **must earn a minimum of 35 credits** from one or more accredited high schools in grades 9, 10, 11 and 12. The Board of Education reserves the right to accept credit from non-accredited schools when it is in the best interest of the district and student to do so. The following is a list of credits a student must earn:

<table>
<thead>
<tr>
<th>Academic Area</th>
<th>Credits</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
<td>1 credit every year</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
<td>World History (1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>U.S. History (1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>U.S. Gov’t (1)</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Physical Education/Health</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Fine Arts</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>35</strong></td>
<td></td>
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</table>

**Schedule Changes At Andale High School:**

**Course changes are NOT made for the following reasons:**
- Preference for a different teacher, period or semester. (NO)
- Preference to be with friends. (NO)
- Change of mind about taking a course. (NO)

**Course changes MAY occur for the following reasons:**
- Every period not scheduled (holes in schedule). (YES)
- Duplication of class. (YES)
- Class incorrectly sequenced or student does not meet prerequisite. (YES)
- Student lacks a class needed for graduation. (YES)
- Inappropriate skill level for class. (YES)

**Class Change Policy:**

All students should take the enrollment process seriously. The classes selected by the student in the spring will be considered as the **final enrollment**. Students need to put a significant amount of thought and effort into class selection at enrollment time because school wide class schedules are built on student selections. It would be to the student's advantage to initially select the classes desired without anticipating changes.

Class changes will be made only in necessary circumstances. **Only one schedule request per student per semester will be allowed.** Your student will be in most of the classes they signed up for. To fill holes in the schedule, they may be in a class they did not request.
<table>
<thead>
<tr>
<th>Course Art</th>
<th>Credits</th>
<th>Grade Level</th>
<th>Credit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative Art</td>
<td>1</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td>Graphic Design</td>
<td>1</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td>Drawing</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Painting</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Ceramics/Sculpture</td>
<td>1</td>
<td>9-12</td>
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**Business And Computer**

<table>
<thead>
<tr>
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<th>Credits</th>
<th>Grade Level</th>
<th>Credit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrepreneurship</td>
<td>1</td>
<td>10-12</td>
<td>Elective</td>
</tr>
<tr>
<td>Accounting</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Advanced Accounting</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Marketing Applications</td>
<td>1</td>
<td>11-12</td>
<td></td>
</tr>
<tr>
<td>Sports/Entertainment Marketing</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Game Design</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Micro Computer Apps (HCC)</td>
<td>1 (3)</td>
<td>11-12</td>
<td>Dual Credit</td>
</tr>
<tr>
<td>Macroeconomics (HCC)</td>
<td>1 (3)</td>
<td>11-12</td>
<td>Dual Credit</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Web Design</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Introduction to Life Success</td>
<td>1</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>College &amp; Career Internship</td>
<td>2</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Career Exploration</td>
<td>1</td>
<td>11-12</td>
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**Drama Department**

<table>
<thead>
<tr>
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<th>Credits</th>
<th>Grade Level</th>
<th>Credit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drama</td>
<td>1</td>
<td>9-12</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>Forensics</td>
<td>1</td>
<td>9-12</td>
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**FACS**

<table>
<thead>
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<th>Grade Level</th>
<th>Credit Type</th>
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<tbody>
<tr>
<td>Intro Nutrition and Wellness</td>
<td>1</td>
<td>9-12</td>
<td>Elective</td>
</tr>
<tr>
<td>Nutrition and Wellness</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Advanced Nutrition and Wellness</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Hum Grow/Develop/Family Studies</td>
<td>1</td>
<td>11-12</td>
<td></td>
</tr>
<tr>
<td>Consumer Finance/Independent Living</td>
<td>1</td>
<td>11-12</td>
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</table>

**Foreign Language**

<table>
<thead>
<tr>
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<th>Credits</th>
<th>Grade Level</th>
<th>Credit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish 1</td>
<td>1</td>
<td>9-12</td>
<td>Elective</td>
</tr>
<tr>
<td>Spanish 2</td>
<td>1</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td>Spanish 3</td>
<td>1</td>
<td>10-12</td>
<td></td>
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<tr>
<td>Spanish 4</td>
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**Health Sciences**

<table>
<thead>
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<th>Course Art</th>
<th>Credits</th>
<th>Grade Level</th>
<th>Credit Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Science II</td>
<td></td>
<td>9-12</td>
<td>Elective</td>
</tr>
<tr>
<td>CNA (HCC)</td>
<td>1 (4.5)</td>
<td>11-12</td>
<td>Vocational Credit</td>
</tr>
<tr>
<td>CMA/Home Health Aide (HCC)</td>
<td>1 (6.5)</td>
<td>12</td>
<td>Vocational Credit</td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
<td>Semester</td>
<td>Notes</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------</td>
<td>----------</td>
<td>----------------------</td>
</tr>
<tr>
<td>Medical Terminology (HCC)</td>
<td>1 (3)</td>
<td>11-12</td>
<td>Dual Credit</td>
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<tr>
<td>Fire Science I (HCC)</td>
<td>1 (4)</td>
<td>11-12</td>
<td>Vocational Credit</td>
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<tr>
<td>EMT (HCC)</td>
<td>1(10)</td>
<td>11-12</td>
<td>Vocational Credit</td>
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<tr>
<td><strong>Industrial Technology</strong></td>
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<td></td>
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<tr>
<td>Industrial Tech/Intro to Welding</td>
<td>1</td>
<td>9-12</td>
<td>Elective</td>
</tr>
<tr>
<td>Welding Processes I</td>
<td>1</td>
<td>10-12</td>
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</tr>
<tr>
<td>Welding Processes II</td>
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<td>10-12</td>
<td></td>
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<tr>
<td>Carpentry I</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Carpentry II</td>
<td>1</td>
<td>10-12</td>
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</tr>
<tr>
<td>CAM (CNC)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Journalism</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Media/Journalism (Yearbook)</td>
<td>1</td>
<td>9-12</td>
<td>Elective</td>
</tr>
<tr>
<td><strong>Language Arts</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English 1</td>
<td>1</td>
<td>9</td>
<td>English</td>
</tr>
<tr>
<td>English 2</td>
<td>1</td>
<td>10</td>
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</tr>
<tr>
<td>English 3</td>
<td>1</td>
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<tr>
<td>English 4</td>
<td>1</td>
<td>12</td>
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<td>English Comp 101 (HCC)</td>
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<td>English Comp 102 (HCC)</td>
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<td>Dual Credit</td>
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<tr>
<td>Public Speaking (HCC)</td>
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<td>Dual Credit</td>
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<tr>
<td><strong>Mathematics</strong></td>
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</tr>
<tr>
<td>Algebra I</td>
<td>1</td>
<td>9-12</td>
<td>Math</td>
</tr>
<tr>
<td>Geometry</td>
<td>1</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td>Algebra II</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>College Algebra (Newman)</td>
<td>1 (3)</td>
<td>11-12</td>
<td>Dual Credit</td>
</tr>
<tr>
<td>Trigonometry/Pre Calc (Newman)</td>
<td>1 (3)</td>
<td>11-12</td>
<td>Dual Credit</td>
</tr>
<tr>
<td>College Calculus (Newman)</td>
<td>1 (5)</td>
<td>11-12</td>
<td>Dual Credit</td>
</tr>
<tr>
<td>Consumer/Business Math</td>
<td>1</td>
<td>11-12</td>
<td></td>
</tr>
<tr>
<td>Probability &amp; Stats (Newman)</td>
<td>1 (3)</td>
<td>11-12</td>
<td>Dual Credit</td>
</tr>
<tr>
<td><strong>Music</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Band</td>
<td>1</td>
<td>9-12</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>Chamber Singers</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Concert Choir</td>
<td>1</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td>Music Appreciation</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Music Appreciation (HCC)</td>
<td>1 (3)</td>
<td>11-12</td>
<td>Dual Credit</td>
</tr>
<tr>
<td>Stagecraft/Theatre Productions</td>
<td>1</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Physical Education/Health</td>
<td>1</td>
<td>9</td>
<td>PE</td>
</tr>
<tr>
<td>Advanced Weights/Care of Athletes</td>
<td>1</td>
<td>10-12</td>
<td></td>
</tr>
<tr>
<td>Weights/Care of Athletes</td>
<td>1</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Science</td>
<td>1</td>
<td>9</td>
<td>Science</td>
</tr>
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</table>

5
<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Term</th>
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</thead>
<tbody>
<tr>
<td>Biology</td>
<td>1</td>
<td>10-12</td>
</tr>
<tr>
<td>Earth &amp; Space Science</td>
<td>1</td>
<td>10-12</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1</td>
<td>10-12</td>
</tr>
<tr>
<td>College Chemistry I (Newman)</td>
<td>1 (5)</td>
<td>11-12</td>
</tr>
<tr>
<td>AP Chemistry (Newman)</td>
<td>1 (5)</td>
<td>11-12</td>
</tr>
<tr>
<td>Human Body Systems</td>
<td>1</td>
<td>11-12</td>
</tr>
<tr>
<td>Physics</td>
<td>1</td>
<td>11-12</td>
</tr>
<tr>
<td>Pharmacology (HCC)</td>
<td>1 (3)</td>
<td>11-12</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>World History</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>World Issues</td>
<td>1</td>
<td>9-12</td>
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<tr>
<td>U.S. History</td>
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<td>11</td>
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<tr>
<td>American History 1865-Present (HCC)</td>
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<tr>
<td>U.S. Government (HCC)</td>
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<td>12</td>
</tr>
<tr>
<td>Psychology (HCC)</td>
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<td>Sociology (HCC)</td>
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<td>11-12</td>
</tr>
<tr>
<td><strong>Technology</strong></td>
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<tr>
<td>Intro to Engineering/Tech Ed</td>
<td>1</td>
<td>9-12</td>
</tr>
<tr>
<td>Drafting/CAD (CAD I)</td>
<td>1</td>
<td>10-12</td>
</tr>
<tr>
<td>A/V Production/Photo Imaging</td>
<td>1</td>
<td>10-12</td>
</tr>
<tr>
<td>Basic Computer Aided Drafting (HCC)</td>
<td>1 (3)</td>
<td>10-12</td>
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<tr>
<td>Video Production</td>
<td>1</td>
<td>10-12</td>
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<tr>
<td>Design for Pre-Constr. (3D Model)</td>
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<td>10-12</td>
</tr>
<tr>
<td>Robotics</td>
<td>1</td>
<td>9-12</td>
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<tr>
<td><strong>Miscellaneous Electives</strong></td>
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<tr>
<td>Elementary Aide</td>
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<td>11-12</td>
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<tr>
<td>Office Aide</td>
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<tr>
<td>Teacher Aide</td>
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<td>11-12</td>
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<tr>
<td>Library Aide</td>
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<tr>
<td>Teaching As A Career</td>
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<td>11-12</td>
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<td>WSU Tech</td>
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<td>ACT Prep</td>
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<td><strong>Agricultural Department</strong></td>
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<tr>
<td>Intro to Agriculture</td>
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<td>10-12</td>
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<tr>
<td>Plant and Soil Science</td>
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<td>9-12</td>
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<tr>
<td>Animal Science</td>
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<td>9-12</td>
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<tr>
<td>Livestock Management (HCC)</td>
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<td>Ag Business</td>
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<tr>
<td>Agriculture Comm &amp; Leadership</td>
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<td>11-12</td>
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<tr>
<td>Research in Agriculture</td>
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**ANDALE GRADUATION REQUIREMENTS**

You will graduate from Andale High School by completing the following requirements:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units (Required)</th>
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<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 Units (English I-IV/English Composition)</td>
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<tr>
<td>English Grade 9</td>
<td>(1)</td>
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<tr>
<td>English Grade 11</td>
<td>(1)</td>
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<tr>
<td>English Grade 12</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>3 Units (Must include algebra &amp; geometry)</td>
</tr>
<tr>
<td>Math Grade 9</td>
<td>(1)</td>
</tr>
<tr>
<td>Math Grade 10</td>
<td>(1)</td>
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<tr>
<td>Math Grade 11</td>
<td>(1)</td>
</tr>
<tr>
<td>Math Grade 12</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>3 Units (Must include Physical Science &amp; Biology)</td>
</tr>
<tr>
<td>Physical Science Grade 9</td>
<td>(1)</td>
</tr>
<tr>
<td>Biology Grade 10</td>
<td>(1)</td>
</tr>
<tr>
<td>Other</td>
<td>(1)</td>
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<tr>
<td><strong>Social Studies</strong></td>
<td>3 Units</td>
</tr>
<tr>
<td>World History Grade 10</td>
<td>(1)</td>
</tr>
<tr>
<td>U.S. History Grade 11</td>
<td>(1)</td>
</tr>
<tr>
<td>U.S. Government Grade 12</td>
<td>(1)</td>
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<tr>
<td><strong>Physical Education</strong></td>
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<tr>
<td>P.E./Health Grade 9</td>
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<td><strong>Fine Arts</strong></td>
<td>1 Unit</td>
</tr>
<tr>
<td>Fine Art Grade 9-12</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>Business/Finance</strong></td>
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<td><strong>Career Education</strong></td>
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<tr>
<td>Intro to Life Success Grade 9</td>
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**Total: 35 Units**

Any courses taken beyond those required above are considered electives.

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**KANSAS REGENTS ADMISSIONS**

You can guarantee admission to five* of the state’s Universities by completing the qualified Admission Curriculum with a 2.0 GPA AND by meeting one of the following:

- ACT score of at least 21 or
- SAT score of at least 980 or
- Graduate in the top 1/3 of your class

If you enroll in college courses while in high school, it is required that you achieved a 2.0 GPA or higher in those courses.

**Qualified Admissions Curriculum**

- English 4 Approved Units
- Math Option A: 3 approved units of math and meet the ACT math benchmark score of 22
- **OR**
- Option B: 4 Approved units of math, one of which must be taken in the graduating year.

- Social Science: 3 Approved Units
- Natural Science: 3 Approved Units, one of which must be a full unit of chemistry or physics
- Electives: 3 Approved Units

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**KANSAS SCHOLARS CURRICULUM**

- English: 4 Approved units
- Math: 4 Approved units (Algebra I 8th grade included)
- Social Science: 3 Approved Units
- Natural Science: 3 approved Units including both Chemistry & Physics
- Foreign Language: 2 approved Units in the same foreign language

* The University of Kansas has different entrance requirements than those listed under the Kansas Board of Regents admissions. Please check with the University for more details.
# Andale High School Career Pathways

<table>
<thead>
<tr>
<th>Agriculture - Business</th>
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<th>Animal Science</th>
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<th>Teaching &amp; Training</th>
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*Taught in Middle School*
Qualified Admissions
Kansas Residents

Five of the six state universities in Kansas, including Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, and Wichita State University, use the standards below to review applicants for undergraduate admission. The University of Kansas has different admission standards from those listed below, visit admissions.ku.edu for more information. Standards are set by the Kansas Board of Regents.

ACCREDITED HIGH SCHOOL
If you are a Kansas resident who will graduate from an accredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state’s universities by completing the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by meeting one of the following requirements:

- ACT score of at least 21; OR
- SAT score of at least 980; OR
- Graduate in the top 1/3rd of your class.

If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

QUALIFYING ADMISSIONS PRECOLLEGE CURRICULUM
Kansas Course Codes are used to identify courses that fulfill Qualified Admissions curriculum requirements. A complete list of courses is available at the Kansas Board of Regents website: kansasregents.org/qualified_admissions. Additionally, your high school counselor has a list of courses at your high school that fulfill these requirements.

One unit is equivalent to one year, or two semesters. Dual enrollment, concurrent enrollment, and online courses may be used to fulfill the Qualified Admissions curriculum requirements. All courses must appear on your high school transcript, and courses completed in middle school or junior high do not fulfill the Qualified Admissions Math requirements.

English
4 approved units, ½ unit may be Speech

Math
Must complete either:
Option A - 3 approved units and meet the ACT college readiness math benchmark of 22. Option B - 4 approved units, one of which must be taken in the graduating year

Social Science
3 approved units

Natural Science
3 approved units, one of which must be a full unit of Chemistry or Physics

Electives
3 approved units

UNACCREDITED HIGH SCHOOL
If you are a Kansas resident who will graduate from an unaccredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state’s universities by completing coursework equivalent to the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by achieving an ACT score of at least 21 or an SAT score of at least 980. If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: www.kansasregents.org/qualified_admissions_rules_regulations.

Date: April 2014
Completion of the Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

**What are the other requirements to become a State Scholar?**

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

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**KANSAS SCHOLARS CURRICULUM**

**English** - 4 years
One unit to be taken each year. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.

**Mathematics** - 4 years
Algebra I, Algebra II, Geometry, and one unit of advanced mathematics—suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8th grade is acceptable for the Kansas Scholars Curriculum, but not for Qualified Admissions.

**Science** - 3 years
One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Applied/technical courses may not substitute for a unit of natural science credit.

**Social Studies** - 3 years
One unit of U.S. History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social Issues, Sociology, Anthropology, and Race and Ethnic Group Relations. Half unit courses may be combined to make this a whole unit.

**Foreign Language** - 2 years
Two years of one language. Latin and Sign Language are accepted.

*Please note, this curriculum is NOT the same as the Qualified Admissions Curriculum.*

**What is the benefit of completing the Kansas Scholars Curriculum?**

Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to $1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

For more information, contact us at (785) 296-3517 or at kansasregents.org/students/student_financial_aid.
DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

- **ENGLISH**: 4 years
- **MATH** (Algebra I or higher): 3 years
- **NATURAL/PHYSICAL SCIENCE** (One year of lab, if offered): 2 years
- **ADDITIONAL ENGLISH, MATH OR NATURAL/PHYSICAL SCIENCE**: 1 year
- **SOCIAL SCIENCE**: 2 years
- **ADDITIONAL COURSES** (Any area listed to the left, foreign language or comparative religion/philosophy): 4 years

**Full Qualifier**
- Complete 16 core courses.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

**Academic Redshirt**
- Complete 16 core courses.
  - Earn a core-course GPA of at least 2.000.
  - Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
  - Graduate high school.

**Full Qualifier:**
College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

**Academic Redshirt:**
College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

**Nonqualifier:**
College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.
2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

- **ENGLISH**
  - 3 years

- **MATH (Algebra I or higher)**
  - 2 years

- **NATURAL/PHYSICAL SCIENCE (including one year of lab science, if offered)**
  - 2 years

- **SOCIAL SCIENCE**
  - 2 years

- **ADDITIONAL (English, math, or natural/physical science)**
  - 3 years

- **ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religious or philosophy)**
  - 4 years

**Full Qualifier**
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

**Partial Qualifier**
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

**Full Qualifier:**
College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

**Partial Qualifier:**
College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

**Nonqualifier:**
College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.
BUSINESS/COMPUTER DEPARTMENT

Intro to Life Success/Business Essentials (CTE)

Grade: 9  Credit: 1.0
This required course for freshman is designed to provide students with an understanding of financial success which begins with good career planning, goal setting, and an understanding of income sources and taxes. Students will explore methods of getting more for their money and the basics of good financial planning, using the banking system, and getting started with saving and investing. Students will learn how to assess risk and protect assets, how to use credit wisely and minimize its costs, and how to resolve credit problems. Students will have the opportunity to explore careers within the business, marketing and finance career as well as other career opportunities with high demands. With different industry trends students will also examine current trends and how they affect the workplace and business ownership. Students will work with the instructor to prepare an individual plan of study. As students navigate through high school and into careers, the workforce, or college, it is imperative that students set educational goals and create a roadmap for success in high school and beyond. This roadmap, or individual plan of study, includes development of a flexible career focus and an education plan that is clearly-defined, rigorous, and relevant to assure a successful and efficient transition to postsecondary education and/or the workforce. Additional topics will include: career exploration, budgets, identity protection, digital citizenship, proper use of social media, ethics and social responsibility, and compliance.

Entrepreneurship (CTE)

Grade: 10-12  Credit: 1.0
The Entrepreneurship course will acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

Microcomputer Applications (HCC)

Grade: 11-12  Credit AHS - 1.0  HCC – 3 credits
This course is will go over the fundamentals of operating systems, word processing, spreadsheets, databases, and computer program solving. This course is offered through HCC and is a direct transfer course (means it will transfer to all public colleges in Kansas)! Many colleges in the state of Kansas require a computer information course and this meets that requirement. Students get a discounted tuition rate from Hutchinson Community College on this course!

Personal Finance (CTE) (Graduation Requirement 2021)

Grade: 10-12  Credit: 1.0
Understanding and managing personal finances are key to one's future financial success. This one-semester course gives students the skills and essential knowledge to make informed decisions about real world financial issues. Topics covered will include: goal setting, budgeting, banking and basic financial transactions, building/maintaining and repairing credit, credit reports and scores, home ownership, consumer protection laws, fair credit and collection, bankruptcy, banking services and products, insurance, basic negotiating skills, planning for education, retirement and basics investments.
BUSINESS/COMPUTER DEPARTMENT (Continued)

Accounting (CTE)
Grade: 10-12  Credit: 1.0
This course covers the basic principles, concepts, and procedures of accounting. Computers will be used to introduce the students to automated accounting procedures. This course will provide the foundation for further study of accounting and its useful applications. It develops the principles and procedures necessary for entry level employment in accounting or a related job field.

Advanced Accounting (CTE)
Grade: 11-12  Credit: 1.0
Prerequisite: Accounting
This advanced course is for college-bound students who intend to major in accounting or some other business related field or for students who want to seek employment as accounting clerks upon high school graduation. Students will learn about partnerships and corporations, stocks, uncollectible accounts, accrued items, corporate taxes, and financial statements analysis. Units on managerial and cost accounting are presented. Using computers, students will further develop automated accounting skills learned in Accounting 1.

Web Design
Grade: 10 – 12  Credit: 1.0
In this course, you will gain a foundational knowledge of website creation and be able apply it to the planning, design and development projects and your own website over the course of the semester. By the end of this course you will be comfortable creating, coding and posting basic HTML and CSS files to the Internet. Equipped with a historical understanding of the web’s evolution and key industry-standard design guidelines to ensure strong online presentation, you will have a foundational knowledge of website creation and apply it to the planning, design and development of your own web page over the course of the semester. Critical thinking will be encouraged through your class interactions, assignments, and projects.

College & Career Ready Internship (CTE)
Grade: 12  Credit: 2.0
Prerequisite: Career Exploration or teacher approval
This course is designed for the graduating senior. Preparing students for the work environment is a critical component of his/her educational experience. The course is designed to afford students the opportunity to be matched with a career/business mentor in an active engagement of hands-on application of 21st Century employability skills. Students will spend 2 days a week on campus working on employability skills and prep work for post-secondary education and 3 days a week will be spent with their career mentor in an employment setting. Students must apply to the program. Requirements include: 95% attendance, minimal discipline points, recommendation from two teachers, and graduation requirements are met.

Career Exploration & Employability Skills
Grade: 11-12  Credit: 1.0
This course is designed for juniors or seniors and is a prerequisite for the College & Career Ready Internship class. The course will help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. Students will be exposed to various sources of information on career and training options that will assist them in developing job search and employability skills including interview skills, composing job applications and resumes, money management, communication skills, interpersonal business relationships, behaviors, and personal responsibility. Additional course content will include consumer education and personal money management topics. Students will have the opportunity to explore several careers via research, mentor partners, and several job shadowing days.
BUSINESS/COMPUTER DEPARTMENT (Continued)

Macroeconomics (HCC)
Grade: 11-12  Credit AHS - 1.0  HCC – 3 credits
Basic facts, principles and problems of economics: determination of supply, demand and price level; the monetary and banking system, inflation and growth; the stock market and principles of economic development; other economic systems.

Principles of Marketing
Grade: 10-12  Credit: 1.0
This course develops student understanding and skills in such areas as channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Through the use of projects, students acquire an understanding and appreciation of marketing activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course.

Game Design
Grade: 10-12  Credit: 1.0
Game technologies represent the culmination of logic, sequence, tool utilization, and extension of skill. Programming process for this course will utilize all previously learned factors of programming logic, artistry, and interactivity.

Marketing Applications (Spring Semester)
Grade: 11-12  Credit: 1.0
Prerequisite: Principles of Marketing
Furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course along with four projects.

Sports/Entertainment Marketing
Grade: 10-12  Credit: 1.0
Prerequisite: Principles of Marketing
Sports and Entertainment Marketing courses introduce students to and help them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment.
FACS DEPARTMENT

Intro to Nutrition & Wellness (Foods 1)
Grade: 9-12        Credit: 1.0
Students will explore working with others, planning and managing resources, technology and foods, safety, measurements and equivalents, microwave cooking, food planning and use of the food pyramid, along with the role of fat in our diet. Lab will include: quick breads, cookies, meats in microwave, cultural foods, the Fat Bucks Buffet and the final meal. In addition, this course is designed to help manage time and resources to create textile projects.

Nutrition & Wellness (Foods 2) (CTE)
Grade: 10-12        Credit: 1.0
Prerequisites: Intro to Nutrition & Wellness (Foods 1)
Students will continue to work with others, plan and manage resources, explore technology, foods, safety, and measurements. We will evaluate respectful and caring methods and nutrition and wellness practices. Labs will focus on yeast breads, pastries, vegetable cookery, chicken and meat preparation and seasonal foods. Planning and budgeting will also be incorporated into class and lab time. In addition, this course is designed to continue to manage time and resources.

Advanced Nutrition & Wellness (Adv. Foods)
Grade: 11-12        Credit: 1.0
Prerequisites: Nutrition & Wellness (Foods 2)
Students will continue to work with others, plan and manage resources, explore technology, foods, safety, and measurements. We will evaluate respectful and caring methods and nutrition and wellness practices. Labs will focus on canning, garnishing, cake decorating, made from scratch cooking, special diets, seasonal cooking, world foods and regional foods. In addition, management and planning techniques will continue to be used. Also, clothing diversity will be explored. Projects will be set up on individual bases with an emphasis on one’s sewing ability and clothing needs. A patchwork quilt is a suggestion for a starting project.

Consumer Finance/Independent Living (CTE)
Grade: 11-12        Credit: 1.0
Prerequisite: No previous food classes
Consumer Finance provides students with an understanding of the concepts and principals involved in economic financial literacy and exploration in career opportunities. Topics include goal setting, basic job skills, savings, investing, credit, taxes, spending patterns, budget planning, problem solving, identity theft, car buying, housing, loans, consumerism and marketing.

Independent Living is designed for the student to gain as much practical knowledge as possible in a semester class. Management and planning skills will be utilized to make individual and family choices. Nutrition and food safety will be explored with lab time to include, quick and yeast breads, cookies, egg cookery, white sauces, pastries and pies, meat cookery, and grilling.

Leadership in Action (CTE)
Grade: 11-12        Credit: 0.5
The purpose of this class is to: Analyze factors related to providing family and community services; Practice individual skills to prepare for roles in family, school, community and work settings; Utilize leadership and teamwork skills to address advocacy for others; and enhance career readiness through practicing skills, in family, community and work applications.
FACS DEPARTMENT (Continued)

Community Connections (CTE)
Grade: 11-12 Credit: 0.5

*Prerequisites:* Must have taken other FACS courses to be admitted.

This class will provide students with internships or other related professional experience opportunities. Included will be a continued development and finalization of the student’s portfolio. Career and Community Connections is the application level course for the learner to apply technical skills in a professional learning experience, unpaid or paid, outside or within the school environment. Included will be a continued development and finalization of the student’s portfolio. Community Connections provides the opportunity for learners to focus on career related topics, team building and effectiveness in the world of work, and acquiring job-seeking skills and retention needed to advance within the workplace.

Human Growth & Development/Family Studies (CTE)
Grade: 11-12 Credit: 1.0

Students will learn about the physical, intellectual, emotional and social growth and development of infants, children, adolescents, young adults and adults, and their development across their lifespan. Students will go to the grade school and work with children once per week. “Baby Think It Over” will also be introduced and sent home with each student.

In Family Studies, students will study how parents respond to various stages of childhood and adolescence and the aging process. Students will look at the difficulties of parenthood across the lifespan; fundamentals of various ages and stages of child, adolescent, and adult emotional, cognitive, and physical development; and appropriate care of infants, children, young adults and aging parents. Students will work with children at the grade school once per week.

Career & Life Planning (CTE)
Grades: 9-12 Credit: 1.0

This class focuses on goal setting, career selection, and getting and keeping a job. The student will look at setting goals which impact one’s education, personal life, and career. The student will also explore how balancing work and family demands affects career and family goals. When exploring career selection the student will determine his or her personal interest. From there the student will locate training and education which fits one’s interest. Skills for success will also be explored. Job seeking will be investigated along with job retention, employability and issues that one may encounter on the job.

Teaching As A Career (CTE)
Grade: 10-12 Credit: 1.0

This course will introduce students to the key concepts and principles in the teaching profession. Students will learn about effective instruction, teaching skills and strategies, and physical space and climate. Students will construct learning activities for all types of learning styles, analyze data to direct instruction, and construct a philosophy of education that reflects effective teaching.
FINE ARTS – ART, DRAMA & MUSIC

ART DEPARTMENT

Creative Art
Grade: 9-12 Credit: 1.0
This course introduces the student to techniques in drawing, painting, graphic design, and ceramics/sculpture through the application of design elements/principles and color basics. Students will be exposed to art history and aesthetic theories, along with various styles of famous artists and movements in art. Fundamental skills are emphasized in projects and artistic ability is not a requirement.

Drawing
Grade: 10-12 Credit: 1.0
*Prerequisite: Creative Art*
Drawing class places an emphasis on line, texture, space, shape and values. Projects will include drawing portraits, the human figure, still life’s, contour and gesture drawing, printmaking, calligraphy, perspective, and nature renderings. Medias will include pencil, scratchboard, charcoal, chalk and oil pastels, ink, and a variety of mixed media.

Painting
Grade: 10-12 Credit: 1.0
*Prerequisite: Creative Art*
Painting class places an emphasis on use of color. Projects will include painting in oils, temperas, acrylics, watercolors, oil pastels, and mixed media. Works will be completed in realistic, abstract and nonobjective styles.

Ceramic/Sculpture
Grade: 9-12 Credit: 1.0
Ceramics/Sculpture class places an emphasis on shape and form. Projects will include hand-built and wheel thrown objects, figure, head, and food sculpting, plaster casting, assemblages, wire, stone and foam sculptures, papermaking, and tile mosaics.

Graphic Design (CTE)
Grade: 10-12 Credit: 1.0
Graphic Art class focuses on production of graphically designed art. The use of software tools through small projects will be introduced the first half of the course with an emphasis on designing products for advertising and marketing throughout the remainder of the course. Digital cameras and scanners will be used. The application of the design elements/principles will be emphasized in all projects, along with development of concepts in both two and three-dimensional work.
FINE ARTS – ART, DRAMA & MUSIC

DRAMA DEPARTMENT

Drama
Grade: 9-12  Credit: 1.0

*Note: This course is offered in the fall semester only*

This course teaches foundational knowledge in the areas of theatre history, acting, improvisation, and some aspects of theatre production. Students involved in this class are required to participate in a class production to gain hands-on experience and understanding of how a play works from beginning to end. Students may take this course more than once. For those repeat students, please note that they will have additional classroom requirements over the first year students.

Forensics
Grade: 9-12  Credit: 1.0

*Note: This course is offered in the spring semester only*

This course is for Novice and Advanced Forensic students. Students will learn what the competitive events are and learn the rules of each event. Students will then prepare at least two events for second semester forensic competition. Events include: solo acting, duet acting, prose reading, poetry reading, improvised duet acting, informative speech, extemporaneous speaking, and original oration. The course requires attendance at forensics meets on Saturdays during the second semester.
FINE ARTS – ART, DRAMA & MUSIC

MUSIC DEPARTMENT

Band
Grade: 9-12 Credit: 1.0

*Note* - This is a full year course. Special permission is needed from the instructor in order to participate only one semester. This permission will only be granted in extreme circumstances.

Students in this course will perform band literature of all kinds. Band is intended to be a learning experience as well as an enjoyable activity. Band members participate in the following activities: home football and basketball games, homecoming parade, the Kansas State Fair Parade, winter concert, ExtravaBANDza, Regional and State Music Contests, and graduation.

Chamber Singers: auditioned ensemble (Women Only)
Grade: 10-12 Credit: 1.0

This is an advanced smaller vocal ensemble. To be eligible for this ensemble you will need to audition with the teacher prior to enrollment and be selected. Singers in this class sing a variety of repertoire, perform three annual concerts, and compete at regional and state vocal competitions. Students meet objectives based on singing skill and technique, sight-singing, musical concepts, theoretical analysis, and performance. This is a performance and participation based class. Students who are selected for Chamber Singers are also eligible to be in Concert Choir and to audition for Madrigals (see Concert Choir description).

Concert Choir: un-auditioned ensemble
Grade: 9-12 Credit: 1.0

Concert choir is an un-auditioned larger mixed choral ensemble. Singers in this class sing a variety of repertoire, perform three annual concerts, and compete at state large ensemble competition. Students meet objectives based on singing skill and technique, sight-singing, musical concepts, theoretical analysis, and performance. This is a performance and participation based class. Madrigals are an auditioned, advanced, mixed chamber ensemble that is selected from students from both Concert Choir and Chamber Singers. Auditions for Madrigals take place each spring for the following school year. Please see Ms. Loganbill for more details about auditions for Madrigals.

Music Appreciation (Fall Semester)
Grade: 9-12 Credit: 1.0

Generic overview of music theory, music history, music performance, musical technique, and musical styles and genres. Students need little to no previous musical knowledge to take this course. Students will be graded on participation, effort, and conceptual integration of material throughout the semester.
FINE ARTS – ART, DRAMA & MUSIC (Continued)

Music Appreciation (HCC)

*Prerequisite:* Music Appreciation

Grade: 11-12      Credit: AHS – 1.0 HCC – 3.0

The students will expand on knowledge gained in Music Appreciation for credit through Hutchinson CC. Elements of musical understanding and the study of representative compositions.

Stagecraft/Theatre Productions

Grade: 9-12      Credit: 1.0

Stagecraft courses are intended to help students develop experience and skill development in one or more aspects of theatrical production, but they concentrate on stagecraft (such as lighting, sound, costuming, set construction, makeup, stage management, and so on).

Percussion Ensemble

Grade: 9-12      Credit: 1.0

Percussion Ensemble is a section of band specifically for percussionists to further develop their skills in a variety of areas of percussion. The class will cover drumline for marching band, concert percussion, drum set and other techniques. Students enrolled in this class will perform as part of the larger marching band, basketball pep band, and concert band as well as percussion specific ensembles. This class has required performances outside the school day. This class is a full year course. Students should speak to Mr. Silva prior to enrolling. **Enrollment in this class means not enrolled in Band.**
FOREIGN LANGUAGE DEPARTMENT

Spanish 1
Grade: 9-12       Credit: 1.0
The first level of Spanish will introduce students to the procedures and rationale of the learning process of the language. In addition to studying the structure and commonly used expressions. The students will become acquainted with Spanish and Latin American cultures, history, and geography in order to gain a deeper understanding and appreciation of the Latin American people.

Spanish 2
Grade: 9-12       Credit: 1.0
Prerequisite: Minimum of a C in Spanish 1
The second level of Spanish will reinforce all material covered in the first level. In addition, it will concentrate on extending and perfecting the phonetics and the sound system of the language. More emphasis will be put on reading and meaningful comprehension, and on developing the audio-lingual spontaneous response of the student. A brief study of the political, social, and religious aspects of the Latin American people will be presented to develop an increasing awareness of their culture.

Spanish 3
Grade: 10-12      Credit: 1.0
Prerequisite: Minimum of a B in Spanish 2 or teacher written permission
Reading, writing, speaking, and listening skills will be emphasized in this class, as well as the acquisition of new vocabulary. The study of grammar and Hispanic culture will continue. Classes will be conducted in Spanish as necessary to help students develop fluency. Movies, songs, and native guest speakers may be used throughout the school year. Students will complete a final project (oral presentation and paper) in Spanish by the end of the semester.

Spanish 4
Grade: 11-12      Credit: 1.0
Prerequisite: Minimum of a B in Spanish 3 or teacher written permission.
A strong emphasis will be played on the acquisition of reading, writing, speaking, and listening skills. Time will be spent on readings of authentic Spanish language newspapers and magazines. A thorough study of grammar will remain an important part of this class and newer and more challenging concepts will be introduced. Movies, songs, and native guest speakers may be used throughout the school year.
HEALTH SCIENCES

Health Science I (CTE)
Grade: 9-12 Credit: 1.0
Exploration of Health Care Occupations courses expose students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). These courses provide experiences in several of these occupational clusters, along with information and knowledge related to the health care industry as a whole.

Health Science II (CTE)
Grade: 10-12 Credit: 1.0
Health Care Occupations – Comprehensive courses provide students with an orientation to the health care industry and help refine their health care-related knowledge and skills. Topics covered usually include (but are not limited to) an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; laboratory procedures; and ethical and legal responsibilities.

CNA (HCC) (CTE) – Tuition Free
Grade: 11-12 Credit: AHS - 1.0 HCC – 4.5 credits
This course content will provide students with work experience in the five career pathways. Goals are typically set cooperatively by the student, parents, teachers and employers. The course will include classroom activities involving research of the various careers in the health profession and one rotation within each of the five pathways for the Health Science Education cluster. The rotational clinical/shadowing experience for students may occur at a variety of settings (i.e., dentist office, Therapeutic; occupational therapy, diagnostic; social worker, Health Informatics; interpreter, Support Services; pharmacy, Biotechnology). The work experience may be paid or unpaid.

CMA/Home Health Aide (HCC) (CTE) – Tuition Free
Grade: 12 Credit: AHS - 1.0 HCC – 4.5 credits/2 credits
Prerequisite: CNA
Students are required to rotate through a career from each of the five pathways for a Health Science Education cluster. Work experience only is developed to provide a rotational clinical/shadowing experience for the students at a variety of settings (i.e., dentist office, Therapeutic; occupational therapy, diagnostic; social worker, Health Informatics; interpreter, Support Services; pharmacy, Biotechnology). Goals are typically set cooperatively by the student, parents, teacher and employer. The work experience may be paid or unpaid. Students must be 18 years old to take CMA test.

Medical Terminology (HCC)
Grade: 11-12 Credit: AHS - 1.0 HCC – 3.0
Prerequisite: AHS Biology
Elements of medical language including common abbreviations. Emphasis is placed on spelling, pronunciation, correct usage, and meaning relating to body systems, medical science, and medical specialties.

Fire Science I (HCC)
Grade 11-12 Credit: AHS – 1.0 HCC – 4.0
The first of two courses designed to provide students with the knowledge and skills to obtain a Fire Fighter I national certification.
HEALTH SCIENCES (Continued)

EMT (HCC)
Grade: 11-12  Credit: AHS – 1.0 HCC – 10.0
This course is designed to provide the skills and knowledge necessary to sit for the EMT certification test. The course is taught by a certified EMT instructor and follows competencies set forth by the certifying agency.

Phlebotomy
Grade: 11-12  Credit: 1.0
Prerequisite: Health Science II
In Phlebotomy courses, students acquire knowledge, skills, and experiences related to drawing of blood and typically learn about such topics as infection control, sterilization practices, medical/hospital procedures and environments, diagnostic procedures, and the process of drawing blood. Students must be 18 years old to take Phlebotomy Certification Test.
INDUSTRIAL TECH DEPARTMENT

Intro to Industrial Tech/Intro to Welding (CTE)
Grade: 9-12    Credit: 1.0
Intro to Industrial Tech is an introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing & Transportation areas.
Intro to Welding is an introductory level course designed to instruct students in basic welding skills.
In each of the areas, the student will learn to recognize and utilize various hand tools that are related to the specific area of study. All students will be required to complete a safety test on each of the pieces of machinery with 100% accuracy.

Welding Processes I (Metals 1) (CTE)
Grade 10-12    Credit: 1.0
Prerequisite: Intro to Industrial Tech/Intro to Welding
Beginning metals students will explore various metal construction and joining processes. Students will primarily focus on learning to operate various welding machines and torches to adequately weld and cut with them. Additionally, these students will be required to demonstrate proficiency on some basic welds and weld joint construction. Upon completion of the required weldments and required projects, students will be allowed to build approved projects of their choosing within the confines of time and capability.

Welding Processes II (Metals 2) (CTE)
Grade: 10-12    Credit: 1.0
Prerequisite: Welding Processes I
Students will concentrate more on project concept, design, evaluation of the functionality, manufacturing of product and evaluation of final product. Students will expand their knowledge of working, drawings, blueprint reading and conceptual imaging of the final product. Instruction will be oriented to the American Welding Societies SENSE modules which involve instruction around shop safety, basic welding techniques, and operation of hand and power equipment, blueprint reading, and project development.

Carpentry I (Woods 1) (CTE)
Grade: 10-12    Credit: 1.0
Prerequisite: Intro to Industrial Tech/Intro to Welding
A comprehensive course designed to instruct students in the basic knowledge and skills required for construction of residential structures.
INDUSTRIAL TECH DEPARTMENT (Continued)

Carpentry II (Woods 2) (CTE)
Grade: 11-12  Credit: 1.0
Prerequisite: Carpentry I
An advanced comprehensive course designed to instruct students in skills pertaining to rough construction and finish work.

CAM (CNC)
Grade: 11-12  Credit: 1.0
Prerequisite: Intro to Industrial Tech/Intro to Welding
This is a technical level course that demonstrates the integration of Computer-Aided-Design (CAD) and Computer-Aided-Manufacturing (CAM). It is a study of modern prototyping and machining methods, teaching the use of various software. Students will design wood/metals projects on the computer and then produce that design out of wood/metal on a CNC Router as well as a CNC Plasma cutter.
**LANGUAGE ARTS DEPARTMENT**

**English 1**
Grade: 9  Credit: 1.0
Students will develop both oral and written communication skills. Essential knowledge and skills to be generated during this course include: speaking, listening, reading, grammar and mechanics, writing, literature, technology, research, test taking and logical thinking skills.

**English 2**
Grade: 10  Credit: 1.0
*Prerequisite:* English 1
This course primarily focuses on grammar and literary genres such as poetry, the short story, drama, and the novel. Students will also write a variety of essays concentrating on sentence fluency, word choice, organization, ideas and content, as well as standard English conventions.

**English 3**
Grade: 11  Credit: 1.0
*Prerequisite:* English 2
This course is divided into the study of literature and composition. Composition will deal with library research and more advanced descriptive and narrative writings. Methods of writing research papers will be covered. Literature will focus on selected reading from American literature.

**English 4**
Grade: 12  Credit: 1.0
*Prerequisite:* English 3
Course requirements include reading and writing about significant works of literature which may contain themes relevant today. Students develop competency in interpreting short stories, drama and the novel. Students will write expository essays focusing on ideas/content, organization, voice, word choice, sentence fluency, and conventions. Time is spent developing and increasing vocabulary and grammar proficiency.

**English Comp I (HCC)**
Grade: 12  Credit: AHS- 1.0 HCC - 3 credits
*Prerequisite:* English 3 & B or better or teacher approval
Course requirements include reading fiction and nonfiction as well as the essentials of composition. Emphasis is placed on practice in writing expository papers and in using the techniques of research. Students will be expected to demonstrate skill in using good diction, correct conventions, and effective sentences. Selected readings for models and criticism are used. This course is for dual credit through Hutchinson Community College and is for seniors only. Materials will need to be purchased through HCC for this course.
LANGUAGE ARTS DEPARTMENT (Continued)

English Comp II (HCC)
Grade: 12  Credit: AHS- 1.0 HCC – 3 credits

Prerequisite: English Comp I (HCC)
Compositions of techniques of persuasive and research writing, and critical reading and writing on selected thematic units. Demonstrate the ability to think critically and make reasonable judgments by acquiring, analyzing, combining, and evaluating information. Demonstrate the skills necessary to access and manipulate information through various technological and traditional methods. Demonstrate effective interpersonal and collaborative skills. Demonstrate effective quantitative-reasoning and computational skills. This course is for dual credit through Hutchinson Community College and is for seniors only.

Public Speaking (HCC)
Grade: 11-12  Credit: AHS-1.0 HCC - 3 credits
This course is a study of communications. Students will learn to organize their thoughts and express their ideas and viewpoints more effectively. Various types of oral presentations will be delivered. In addition, critical thinking skills, problem-solving techniques, group dynamics and research skills will be developed. This course is for dual credit through Hutchinson Community College. A text will need to be purchased through HCC for this course by the student.

Digital Media/Journalism (Yearbook) (CTE)
Grade: 9-12  Credit: 1.0
In Digital Media, students will experience all aspects of yearbook production, including the sale of advertisements and subscriptions, the formation of a staff, the designing of page layouts, the writing and typing of copy, and the planning for photographs by student and professional photographers. They will use modern digital media, from cameras to computers, to design and produce the yearbook. This course requires students to attend school activities outside of class time several times throughout the semester. Students may take this class more than once. Editors will be chosen from second year students who have completed a year as an assistant editor. Any student may apply to be an assistant editor. Class size may be limited.

In Journalism, students will explore the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing (particularly as it pertains to yearbook development), as well as understand the ethical and legal issues related to the field. This course requires students to attend school activities outside of class time several times throughout the semester.
MATHEMATICS DEPARTMENT

Algebra 1
Grade: 9-12  Credit: 1.0
This course is a study of the basic properties and axioms of real numbers. The basic operations will be used to solve linear equations and inequalities. The following concepts are introduced: exponents, polynomials, factoring patterns, algebraic fractions, and graphs of equations. The course is intended for those students with average or above-average mathematical ability.

Geometry
Grade: 10-12  Credit: 1.0
Prerequisite: Algebra 1
Geometry is the study of the mathematical relationships of points, lines, and planes, along with other geometric figures and their properties. The student will use inductive and deductive reasoning to prove theorems and find solutions to problems. Students are evaluated on the basis of unit tests and daily assignments.

Algebra 2
Grade: 10-12  Credit: 1.0
Prerequisite: Algebra 1 and Geometry
This course is a study of the real number system with emphasis on irrational numbers. The student will learn to solve open sentences with one and two variables, factor and simplify algebraic expressions, and solve quadratic equations.

College Algebra (NEWMAN)
Grade: 11-12  Credit: AHS- 1.0 Newman – 3.0 credits
Prerequisite: Geometry, Algebra 2 (C or better) & 3.0 GPA
Topics covered in this course include algebraic equations and inequalities; linear and polynomial functions and their graphs and zeros; synthetic division and the rational root theorem; rational, exponential and logarithmic functions; conics; and linear programming. In addition, students will study trigonometric functions and their graphs, circular and inverse functions, solve right and oblique triangles, radian measure, identities, complex numbers, and polar coordinates. Graphing calculators will be used to study amplitude, period, phase shift, and vertical shift. TI-83’s will be the preferred graphing calculator. This class may be taken for three hours of college credit, if the requirements are met, through Newman.
MATHEMATICS DEPARTMENT (Continued)

Trigonometry/Pre-Calculus (NEWMAN)
Grade: 11-12          Credit: AHS- 1.0 Newman- 3 credits
Prerequisite: Geometry, Algebra II, College Algebra (C or better) & 3.0 GPA
This course is a Study of trigonometric functions, solutions to right and oblique triangles, trigonometric identities, inverse functions and graphs of trigonometric functions. This course will also include a comprehensive study of functions from a graphical perspective for the pre-calculus student. Topics include Functions and their graphs (linear, polynomial, rational, exponential, and logarithmic), matrices, sequences, summations, and probability. Students in this class will experience multiple learning formats including teacher directed instruction and discovery learning. Homework is required on a daily basis.

Calculus (NEWMAN)
Grade: 11-12          Credit: AHS- 1 Newman- 5 credits
Prerequisite: College Algebra, Trigonometry & 3.0 GPA
Calculus begins with a review of the real numbers, graphs of equations in the Cartesian plane, and functions. Topics studied include limits, differentiation and integration, and derivatives. This course will give the student a strong background for college mathematics. College Algebra is a prerequisite for this course. This class may be taken for five hours of college credit, if the requirements are met, through Newman University.

Consumer/Business Math
Grade: 11-12          Credit: 1.0
Prerequisite: Algebra 1, Geometry
Consumer math is for juniors or seniors who do not need Algebra II for college admittance and has shown an inability to perform well in math classes. This course will consist of consumer-type of math problems such as banking, rent, buying a car, interest, home loans and other real-world math applications.

Probability & Statistics (NEWMAN)
Grade: 11-12          Credit: 1.0
Prerequisite: College Algebra (C or better) & 3.0 GPA
Statistics courses involve the major concepts and methods used to collect, analyze, and draw conclusions from data. Topics typically include populations and samples, measures of central tendency and variability, hypothesis testing, presentation, and making statistical inferences. Study of descriptive statistics, combinatorics, probability, distributions, and inferential statistics.
PHYSICAL EDUCATION DEPARTMENT

Physical Education/Health
Grade: 9  Credit: 1.0
This is a required course for freshmen. Through a variety of activities, students will be given the knowledge and skills necessary to have a lifetime of fitness. The health sections of the class will cover nutrition, personal safety, critical issues, and stress management.

Weights/Care of Athletes
Grade: 9-12  Credit: 1.0
Prerequisite: Physical Education/Health
This course is for students interested in learning about methods and programs used to improve physical conditioning, and in participating in intensive physical conditioning programs. The emphasis will be on weight training programs to improve muscular strength and endurance. Students will be responsible for verbal and written information as well as participation. Class size is limited and intensive participation in all class activities is required.

Advanced Weights/Care of Athletes
Grade: 10-12  Credit: 1.0
The emphasis will be on weight training programs to improve muscular strength and endurance. Students will be responsible for verbal and written information as well as participation. Class size is limited and intensive participation in all class activities is required.
SCIENCE DEPARTMENT

Physical Science
Grade: 9  Credit: 1.0
Physical Science is a required class for freshmen. It is an introductory science class covering fundamental concepts in chemistry and physics. Lab experiments will be emphasized. Some Earth Science content is reviewed during this course. The class grade is based on unit tests, laboratory work, daily work, and quizzes.

Biology
Grade: 10-12  Credit: 1.0
Prerequisite: Physical Science
The following subject matter will be covered: the origin of life, classification of organisms, structure and function of cells, genetics, evolutionary theory, monerans, protists, fungi, plants, invertebrates, vertebrates, human anatomy and physiology, and ecology.

Chemistry
Grade: 10-12  Credit: 1.0
Prerequisite: Algebra 1 (grade of C or better)
Topics covered in this introductory course include: the scientific method and the importance of experiments, the metric system and exponential notation, matter and energy, elements, compounds, mixtures, atomic structure, the periodic law and chemical bonding, and chemical reactions. Grading will be based on test scores, lab work, and daily assignments.

College Chemistry I (NEWMAN) — Majors Chemistry
Grade: 11-12  Credit: AHS- 1 Newman- 5 credits
Prerequisite: Chemistry 1 with a grade of B or better & 3.0 GPA
This advanced course introduces the students to exploratory chemistry. Basic concepts will be reviewed in the first semester, followed by topics such as solutions, concentrations, gas laws, and the study of acids and bases. Grading will be based on test scores, laboratory work, and daily assignments. Completion of Chemistry 1 with a grade of B or better is a prerequisite for this class. This course may be taken for five hours of college credit, as Majors Chemistry, through Newman University.
SCIENCE DEPARTMENT (Continued)

AP Chemistry (NEWMAN)
Grade: 12  Credit: AHS- 1.0 (Class is 1st and 2nd semester) Newman- 5 credits Chemistry II
Prerequisite: College Chemistry I required; summer assignment, teacher approval & 3.0 GPA
AP Chemistry is designed to be the equivalent of Chemistry I & II, usually taken during the first year of college. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics will also be presented in considerable depth. A formal lab notebook will be kept for the 16 required AP labs. Please be aware that once enrolled, students will NOT be allowed to drop. (Note: An AP Exam will be taken at the end of the year. If a student scores a 4 or 5 on the exam, at most colleges they can receive credit for Chemistry I and Chemistry II. A student would need to check with the college they are interested in for exact transfer credits).

Physics
Grade: 11-12  Credit: 1.0
This is a college preparatory course for students considering a field of study within the science, medical or engineering fields. A strong background in mathematics is essential. Students will learn the basics of the metric system and how to add vectors. Areas of study include: one dimensional motion, two dimensional motion, acceleration, force, centripetal motion, planetary motion and moment of inertia with rotational motion. Student grades are based on tests, labs and homework.

Human Body Systems (CTE)
Grade: 11-12  Credit: 1.0
Prerequisite: Biology with a grade of C or better
This is an advanced course for students considering a career in science or health related fields. The course will be devoted to the study of human anatomy and physiology. The respiratory, reproductive, skeletal, muscular, nervous, urinary, circulatory, and endocrine systems will be studied in depth. Cats, hearts, brains, and eyes will be dissected to aid the understanding of the various systems.

Earth & Space Science
Grade: 10-12  Credit: 1.0
Earth/Space Science is the study of Earth and of the universe around it. Earth/Space Science, like other sciences, assumes that the causes of natural events, or phenomena, can be discovered through careful observations and experimentation.

Pharmacology (HCC)
Grade: 11-12  Credit:
Prerequisite: Biology
Pharmacology is for students pursuing allied health professions-basic drugs as related to diseases, effects of drugs on different systems of the body, interaction of drugs, side effects, contraindications and effectiveness in relation to dosages.
SOCIAL STUDIES DEPARTMENT

World History
Grade: 10 Credit: 1.0
World History is a required social studies class. Students may take the class either their freshman or sophomore year. The course will consist of geography and world history as well as current affairs. Course material will be presented through informal lectures and discussions, reading from textbooks and other sources, audiovisu als, group and individual projects, and library research.

Contemporary World Issues (Current Events)
Grade: 9-12 Credits: 1.0
The purpose of this class is to acquaint students with personalities and events in today’s political and cultural scene and with sources of information relating to current events. Students will be evaluated on the basis of tests, quizzes, written assignments, and class participation.

Sociology (HCC)
Grade: 11-12 Credit: AHS – 1.0 HCC – 3 credits
Development and interaction of the individual in society with consideration of the culture, structures, functions of societies, social groups and institutions; with emphasis on social interaction and its relation to personality and human action.

U.S. History
Grade: 11 Credit: 1.0
This course will cover the growth of the United States from the late 19th century to the present. Course material will be presented through informal lectures and discussion, textbook readings, audiovisuals, and written assignments.

America History 1865-Present (HCC)
Grade: 11 Credit: AHS – 1.0 HCC - 3 credits
Note: This course can be taken for college credit in the place of U.S. History.
Economic, political, social and intellectual development of the United States from the Civil War to the present with emphasis on growth of democracy, free enterprise system, welfare programs, civil rights, needs and contributions of minority groups, foreign policy and national defense.

U.S. Government (AHS) Or (HCC)
Grade: 12 Credit: AHS – 1.0 HCC - 3 credits
Note: This course can be taken for college credit through HCC
Students will learn about the American political process, the government framework at the national, state, and local levels, and domestic and international policy-making. Coursework will consist of informal lectures and discussions, reading from the textbook and collateral sources, weekly writing assignments and audiovisual materials. This course is for dual credit through Hutchinson Community College. A text will need to be purchased through HCC for this course by the student.

Psychology (HCC)
Grade: 11-12 AHS Credit: 1.0 HCC Credit: 3.0
Course material will be presented using reading from the textbook and magazines, filmstrips, video tapes, group and individual daily work, and informal lectures and discussions. Topics covered include: theoretical approaches to psychology, basic elements of learning, memory and thought, motivation and emotion, and developmental psychology. This course is for dual credit through Hutchinson Community College. A text will need to be purchased through HCC for this course by the student.
TECHNOLOGY DEPARTMENT

Introduction to Engineering (Intro to Technology)
Grade: 9-12  
Credit: 1.0  
An Introductory level course designed to introduce students to concepts in Engineering with a focus on Science, Technology, Engineering, & Math; including units on safety and tools, computer use, design, automation, robotics, space, flight, and electricity.

This is the Awareness/Exploration Level 1 course of Technology Education. Computer based activities are incorporated in almost every instructional unit, but instruction goes beyond computer screen lessons. Students receive hands-on experience in activities such as digital photography, graphic design, video production, animation, CAD, computer systems, web design, 3D modeling, and problem solving. Each student will gain experience in each of the different activities during the semester.

Drafting/CAD (CTE)
Grade: 10-12  
Credit: 1.0  
Areas of study in this course may include Computer Aided Design (CAD), technical illustrations, pictorial rendering, developments and intersections, graphic charts and diagrams, and functional drafting. The course stresses individualized instruction and projects, which are designed to increase problem-solving skills. This course is directed toward students interested in the fields of engineering and architecture. Students may enroll in this course for more than one year.

Architecture Design (CTE)
Grade: 10-12  
Credit: 1.0  
This is an advanced course in Computer Aided Design with emphasis in the areas of architecture and engineering. This course builds form the skills learned in Drafting/CAD. Students explore CAD further in detail, developing detailed drawings in areas such as electrical, mechanical, and construction and architectural.

A/V Production/Photo Imaging (Video Prod 1) (CTE)
Grade: 10-12  
Credit: 1.0  
This is an application level course in Video Production. Students will apply their knowledge of video production by learning to shoot, edit and produce videos using a non-linear video editing machine and video camera. Examples could include sports highlights (football, volleyball, wrestling, track, and basketball) shop safety, class presentations, and commercials.

Video Production (Video Prod 2) (CTE)
Grade: 10-12  
Credit: 1.0
Prerequisite: A/V Production/Photo Imaging
This is an advanced level course in Video Production. Students will apply the knowledge gained in level 1 of video production. The area of importance is that all digital formats can be used as one. Students will use a non-linear video editing machine, digital camera, and digital camcorder to develop videos. Students will learn some higher level editing features such as chroma key, luma key, 3-D page turns, A-B roll, and incorporate digital media. Students will also develop video for the internet.
TECHNOLOGY DEPARTMENT (Continued)

CAD Design (HCC) – Tuition Free
Grade: 10-12  Credit: AHS – 1.0 HCC – 3 credits
This is an online course using the computer and AutoCAD software to generate two-dimensional working drawings. Taking this class you can receive up to 3 credits through Hutchinson Community College. The cost of the credit hours is covered by the State of Kansas via SB 155. It is strongly encouraged to take Drafting/CAD as a prerequisite.

Design for Pre-Construction I (3D Modeling) (CTE)
Grade: 10-12  Credit: 1.0
Students will be instructed in the principles of 3-D modeling using Rhinoceros NURBS modeling software. In a laboratory setting, students will have an opportunity to practice the strategies and methods commonly used in creating and solving 2-D and 3-D geometric problems. Lectures, handouts, and demonstrations will address aspects of modeling, freeform curves, surfaces, and solids. Each student will learn how to create a variety of 3-D geometric models from technical drawings, sketches, and real models.

Robotics
Grade: 9-12  Credit: 1.0
Develop and expand students’ skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers.
**MISCELLANEOUS ELECTIVES**

**Teacher/Office/Library Aide**

Grade: 11-12  
Credit: 1.0  

*Prerequisite:* Cumulative GPA of 3.0 or higher and approval by administration

This course allows students to help a teacher, administrator, or secretary in whatever capacity is needed during a scheduled class period. An aide might be needed for typing, filing, record-keeping, preparing labs, tutoring, operating equipment, or making displays. A student must be an aide for a full block; they cannot enroll to be an aide for a partial block. The student also must enroll in the spring to receive first consideration for an aide position. There are limited openings after scheduling is completed. A student may be an aide for only one hour per day. Students may apply for an aide position by filling out the application form when pre-enrolling and must have teacher and administration approval. (Teacher Aide, Office Aide, or Media Center Aide)

**ACT Prep**

Grade: 10-12  
Credit: 1.0  

*Prerequisite:* Algebra II. Must take ACT in Dec. of 2019 or April of 2020

Students will take several ACT practice tests. The core focus will be on the Math Test Improvement, but there will be several sessions dedicated to the other topics. The class will focus on test taking strategies, and skill improvement in the core areas.

**WSU Tech (Formally WATC)**

Grade: 11-12  
Credit: 3.0

Only students who are interested and committed to attending WSU Tech should enroll. Failure to meet academic requirements and/or attendance requirements of WSU Tech and/or AHS will result in a loss of 3 credits at Andale High School. WSU Tech courses are available to Jr’s and Sr’s only. Student must be in good standing with academics, attendance and behavior, and be on track to graduate, to be allowed to enroll at WSU Tech. The administration will have the final decision as to a student’s eligibility to attend.

Students must enroll during the block of time offered at WSU Tech and follow WSU Tech calendar for those courses. 

Students must ride the school provided transportation to and from WSU Tech campus, unless special circumstances apply, which will be up to the discretion of the administration. AHS students will receive 3 credits for successful completion of the WSU Tech semester curriculum. If a student should, for any reason, fail to complete or be removed from the WSU Tech program, they will receive a letter grade of “F” for 3 credits at Andale High School and be ineligible for all KSHSAA activities. These students will not be allowed to re-enroll at Andale High School during this time. They will sit out during the WSU Tech scheduled time. The letter grade received at WSU Tech will be the letter grade recorded on the official Andale High School transcript. Students must have completed all required courses for their grade level before they will be allowed to enroll in WSU Tech courses for an entire day. (Second semester only Senior Year)
AGRICULTURE DEPARTMENT

Introduction to Agriculture (CTE)
Grade: 9-12 Credit: 1.0
Introduction to Agriculture courses survey a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). These courses serve to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere. They often focus on developing communication skills, business principles, and leadership skills.

Plant and Soil Science (CTE)
Grade: 10-12 Credit: 1.0
Prerequisite: Intro to Ag
Courses expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, agriculture crops and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and Nursery operations, soils & media mixtures, soil chemistry, fertility, mineralogy, hydrology, soil conservation, irrigation, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed & pest control, & floral design.

Animal Science (CTE)
Grade: 10-12 Credit: 1.0
Prerequisite: Biology or Intro to Ag
Animal Production/Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study.

Agriculture Comm & Leadership (CTE)
Grade: 11-12 Credit: 1.0
Prerequisite: Intro to Ag and Animal Science or Plant & Soil Science
Agricultural Leadership courses help students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Topics may include but are not limited to human relationships and effective communication, decision-making and problem-solving, leadership qualities and styles, and ensuring successful completion of group activities.

Livestock Management (HCC)
Grade 11-12 Credit: AHS – 1.0 HCC - 3 credits
Prerequisite: Animal Science
Principles of livestock production and management; practical application of breeding, selection, reproduction, health and marketing systems and techniques; emphasis on management systems of raising, growing and finishing beef, sheep and swine; information on horse production and management.
Agriculture Department (Continued)

Ag Business (CTE)
Grade 11-12 Credit: 1.0

Prerequisite: Animal Science or Plant & Soil Science

The Agribusiness course provides students with the basic components of an agribusiness while taking those building blocks and creating their own company. They will also gain perspectives on international markets and trends. Students will gain hands on experience by creating their own company during the class while utilizing their experiences in FFA and SAE programs while constructing their enterprises.

Research in Agriculture
Grade: 12 Credit: 1.0

Prerequisite: Agribusiness &/or Livestock Management

Allows students to prepare, conduct and evaluate science based projects as they relate to science in agriculture in the classroom, shop or greenhouse.