

# Roswell High Academic Handbook



# Graduation Requirements

|   |                   |
|---|-------------------|
| <b>English</b><br><i>English 9</i><br><i>English 10</i><br><i>English 11</i><br><i>English 12</i>   | 4 credits         |
| <b>Math</b><br><i>Algebra I</i><br><i>Geometry</i><br><i>Algebra II</i><br><i>**1 class =&gt; Algebra II</i>  | 4 credits         |
| <b>Science</b><br><i>Biology</i><br><i>Chemistry</i><br><i>Physics</i>  | 3 credits         |
| <b>Health</b>   | .5 credit         |
| <b>Social Studies</b><br><i>New Mexico History (.5 credit)</i><br><i>World History &amp; Geography</i><br><i>U.S. History</i><br><i>U.S. Government &amp; Economics</i> | 3.5 credits       |
| <b>Physical Education</b>   | 1 credit          |
| <b>Career Cluster, Workplace<br/>Readiness, or a language other<br/>than English</b>  | 1 credit          |
| <b>Electives</b>  | 11 credits        |
| <b>TOTAL CREDITS</b>  | <b>28 credits</b> |

**\*\*\* One of the above courses must be Honors, AP, Dual Credit, or Distance Learning \*\*\***

## Counselors

*(Assigned by student's last name)*

|                            |                             |                |
|----------------------------|-----------------------------|----------------|
| Cindy Sosa ( A - D )       | csosa@risd.k12.nm.us        | (575) 637-3241 |
| Ralph Tellez ( E - K )     | rtellez@risd.k12.nm.us      | (575) 637-3239 |
| David Valenzuela ( L - Q ) | davalenzuela@risd.k12.nm.us | (575) 637-3240 |
| Amber Marrujo ( R - Z )    | amarrujo@risd.k12.nm.us     | (575) 637-3238 |

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# Credits and Grading Information

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## Credits

One-half credit is awarded for classes passed with a 60% or better each semester. Students can earn up to 8 credits a year. Juniors and Seniors have the option to take Dual Credit classes in addition to their required classes for graduation.

## Semester Grade Calculations

Q1 (1st 9-weeks): 40%

Q2 (2nd 9-weeks): 40%

Final Exam: 20%

## Student Classification

**9th Grade** (Freshman): students will be promoted to the 9th grade

**10th Grade** (Sophomore): a student must have earned at least 7 credits

**11th Grade** (Junior): a student must have earned at least 14 credits

**12th Grade** (Senior): a student must have earned at least 20 credits

Student classification will be determined in August after summer school grades are posted and before the start of the new school year. If a student does not meet the required number of credits by August they will not be promoted to the next grade level. Students have the opportunity to make up credits either in summer school or credit recovery.

## Grade Point Averages (GPA)

### Regular Classes

A = 4.0

B = 3.0

C = 2.0

D = 1.0

F = 0.0

### Honors, AP, & \*Dual Credit\*

A = 5.0

B = 4.0

C = 3.0

D = 1.0

F = 0.0

*\* The first 4 Dual Credit classes will count for 5.0 credit, subsequent classes will earn 4.0 credit \**

## Graduation Honors

**High Honors** is determined on the student's cumulative GPA of 4.0 and above for the entire high school career (8 semesters)

**Honors** is determined on the student's cumulative GPA of 3.5 to 3.99 for the entire high school career (8 semesters)

# Career Pathways

| Program   | Sequence of Courses   |
|---|---|
| <b>Animal Systems</b>                             | <ol style="list-style-type: none"> <li>1. Introduction to the Science of Agriculture</li> <li>2. Science of Large Ag Animals and/or Science of Small Ag Animal</li> <li>3. Ag Internship/OJT</li> </ol> <p><i>Possible Careers: Agricultural &amp; Food Science Technicians, Zoologist &amp; Wildlife Biologist</i><br/> <i>Certification: Precision</i></p>  |
| <b>Power, Structural, &amp; Technical Systems</b> | <ol style="list-style-type: none"> <li>1. Introduction to Ag Mechanics</li> <li>2. Metal Fabrication OR Ag Power &amp; Machinery</li> <li>3. Ag Internship/OJT</li> </ol> <p><i>Possible Careers: Farm Equipment Mechanics &amp; Service Technicians, Mobile Heavy Equipment Mechanics, Aircraft Mechanics &amp; Service Technicians</i><br/> <i>Certification: Precision, OSHA 10</i></p>              |
| <b>Power, Structural, &amp; Technical Systems</b> | <ol style="list-style-type: none"> <li>1. Introduction to Ag Mechanics</li> <li>2. Ag Structures &amp; Construction</li> <li>3. Ag Internship/OJT</li> </ol> <p><i>Possible Careers: Farm Equipment Mechanics &amp; Service Technicians, Mobile Heavy Equipment Mechanics, Aircraft Mechanics &amp; Service Technicians</i><br/> <i>Certification: Precision, OSHA 10</i></p>                           |
| <b>Business Management</b>                        | <ol style="list-style-type: none"> <li>1. Introductory Business</li> <li>2. Business Law</li> <li>3. AP Macroeconomics</li> </ol> <p><i>Possible Careers: Accountants &amp; Auditors, Tax Preparers, Financial Manager, Bookkeeping, General &amp; Operations Manager</i><br/> <i>Certification: Precision</i></p>  |
| <b>Veterinary Technician</b>                      | <ol style="list-style-type: none"> <li>1. Introduction to the Science of Agriculture</li> <li>2. Science of Large Ag Animals OR Science of Small Ag Animals</li> <li>3. Veterinary Science Technician</li> </ol> <p><i>Possible Careers: Veterinary Technologist &amp; Technicians, Veterinarians, Veterinary Assistant &amp; Laboratory Animal Caretakers</i><br/> <i>Certification: Precision</i></p> |

# Career Pathways

| Program   | Sequence of Courses   |
|---|---|
| <b>Health Science Fundamentals</b>              | <ol style="list-style-type: none"> <li>1. Health Care Occupations</li> <li>2. Medical Anatomy &amp; Physiology</li> <li>3. Health Care Science OJT</li> </ol> <p><i><b>Possible Careers:</b> Healthcare Practitioners &amp; Technicians, Paramedic, Physical Therapist, Nursing, Medical Assistant, Occupational Therapist, Dentist, Chiropractor</i></p> <p><i><b>Certification:</b> CPR &amp; First Aid</i></p> |
| <b>Restaurants &amp; Food/Beverage Services</b> | <ol style="list-style-type: none"> <li>1. Nutrition</li> <li>2. Pro Start I and/or ProStart II</li> <li>3. Pro Start Internship</li> </ol> <p><i><b>Possible Careers:</b> Restaurant Cooks; Institution &amp; Cafeteria Cooks, Supervisors of Food Preparation &amp; Serving Workers, Chefs &amp; Head Cooks</i></p> <p><i><b>Certification:</b> Precision</i></p>  |
| <b>Informatics</b>                              | <ol style="list-style-type: none"> <li>1. Computers, Networks, &amp; Databases</li> <li>2. Databases for the Digital World</li> <li>3. Databases in the Cloud</li> </ol> <p><i><b>Possible Careers:</b> Software Developer, Computer Programmer, Information Security Analyst, Database Administrator, Computer &amp; Information Systems Manager</i></p>   |
| <b>Automated Engineering</b>                    | <ol style="list-style-type: none"> <li>1. SREB Intro to Automated Materials Joining</li> <li>2. SREB Applications in Automated Materials Joining</li> <li>3. SREB Advanced Concepts in Automated Materials Joining</li> </ol> <p><i><b>Possible Careers:</b> Industrial Engineering Technician, Mechanical Engineering Technician, Industrial Production Manager</i></p>  |
| <b>Automotive Technology</b>                    | <ol style="list-style-type: none"> <li>1. Automotive Technology I</li> <li>2. Automotive Technology II</li> <li>3. Transportation Tech Internship</li> </ol> <p><i><b>Possible Careers:</b> Automotive Service Technician &amp; Mechanics, Automotive Body &amp; Related Repairers, Tire Repairers &amp; Changers</i></p> <p><i><b>Certification:</b> ASE Brakes</i></p>  |

# Course Descriptions

## Universal Electives

|   |  |
|---|--|
| <b>Art</b>                                    | <b>Introduction to Art</b> - Course introduces students to a variety of tools, materials, skills and techniques through the elements and principals of design. Students learn to critique their work and the work of others.   |
| <b>Band</b>                                   | <b>Concert/Marching Band</b> - Course is designed to develop skill and technique for playing brass, woodwind, and percussion instruments, and cover band literature styles for both concert and marching performances. <i>*must already play an instrument</i>   |
| <b>Choir</b>                                  | <b>Choir</b> - Course provides the opportunity to sing a variety of choral literature styles for men and/or women's voices, and is designed to develop vocal techniques and the ability to sing parts. <i>*Mr. Hunley will conduct auditions to assess skill level.</i>  |
| <b>German</b>                                 | <b>German I</b> - Course introduces students to the basic skills - listening, speaking, reading, and writing - and to the basic structures of German taught within the cultural context. Emphasis will be placed on oral communication skills. A career awareness component is included which emphasizes the importance of German in the world.  |
| <b>Orchestra</b>                              | <b>Orchestra</b> - Course develops students' abilities to play brass, woodwind, percussion, and string instruments, covering a variety of string and orchestral literature styles. <i>*must already play an instrument</i>   |
| <b>Piano Lab</b>                              | <b>Piano</b> -Course covers the fundamentals of music and basic keyboard techniques such as scales, chords, and melodic lines; the courses may include more advanced keyboard techniques.  |
| <b>Spanish</b>                                | <b>Spanish I</b> - Course introduces students to the basic skills - listening, speaking, reading, and writing - and to the basic structures of Spanish taught within the cultural context. Emphasis will be placed on oral and written communication skills. Students are made aware of the importance of Spanish in their world. <i>*Students who speak Spanish will be assessed and placed into a Spanish class based on their ability.</i>  |
| <b>Intro to Theatre</b>                       | <b>Introduction to the Theater</b> - Course provides an overview of the art, conventions, and history of the theater. Although experiential exercises may be included, the courses focus on learning about the theater rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature or major playwrights and the formation of theater as a cultural tradition.                                     |
| <b>Civic Leadership<br/>(Student Council)</b> | <b>Civic Leadership</b> - Course is designed to strengthen students' personal and group leadership skills, typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies). Leadership courses may cover topics such as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics. <i>*must be a member of Student Council</i> |

## Athletic Classes

|   |                 |
|---|-----------------|
| Volleyball  | Football        |
| Girls Basketball                                  | Boys Basketball |
| Girls Soccer                                      | Boys Soccer     |
| Girls Tennis                                      | Boys Tennis     |
| Cheer ( <i>does not count towards PE credit</i> ) | Baseball        |

# Credits Earned Checklist

**\*\*\*28 Credits Required to Graduate\*\*\***

Credits Required for Each Grade Level:

**Sophomore** : 7 credits

**Junior** : 14 credits

**Senior** : 20 credits

| CLASS                      | YEAR  | CLASS                           | YEAR  |
|----------------------------|-------|---------------------------------|-------|
| ENGLISH (4 CREDITS)        |       | OTHER REQUIREMENTS (3 CREDITS)  |       |
| English 09 A               | /     | PE I A                          | /     |
| English 09 B               | /     | PE I B                          | /     |
| English 10 A               | /     | Career Cluster/Foreign Language | /     |
| English 10 B               | /     | Career Cluster/Foreign Language | /     |
| English 11 A               | /     | Health                          | 1 2 / |
| English 11 B               | /     | N.M. History                    | 1 2 / |
| English 12 A               | /     | ELECTIVES (11 CREDITS REQUIRED) |       |
| English 12B                | /     | 0.5                             | 1 2 / |
| SOCIAL STUDIES (3 CREDITS) |       | 1.0                             | 1 2 / |
| World History A            | /     | 1.5                             | 1 2 / |
| World History B            | /     | 2.0                             | 1 2 / |
| US History A               | /     | 2.5                             | 1 2 / |
| US History B               | /     | 3.0                             | 1 2 / |
| US Government              | 1 2 / | 3.5                             | 1 2 / |
| Economics                  | 1 2 / | 4                               | 1 2 / |
| MATH (4 CREDITS)           |       | 4.5                             | 1 2 / |
| Algebra I A                | /     | 5                               | 1 2 / |
| Algebra I B                | /     | 5.5                             | 1 2 / |
| Geometry A                 | /     | 6                               | 1 2 / |
| Geometry B                 | /     | 6.5                             | 1 2 / |
| Algebra II A               | /     | 7                               | 1 2 / |
| Algebra II B               | /     | 7.5                             | 1 2 / |
| *4th Math                  | /     | 8                               | 1 2 / |
| *4th Math                  | /     | 8.5                             | 1 2 / |
| SCIENCE (3 CREDITS)        |       | 9                               | 1 2 / |
| Biology A                  | /     | 9.5                             | 1 2 / |
| Biology B                  | /     | 10                              | 1 2 / |
| Chemistry A                | /     | 10.5                            | 1 2 / |
| Chemistry B                | /     | 11                              | 1 2 / |
| Physics A                  | /     | 11.5                            | 1 2 / |
| Physics B                  | /     | 12                              | 1 2 / |
| POST-GRAD PLAN/COLLEGE:    |       | 12.5                            | 1 2 / |
|                            |       | 13.0                            | 1 2 / |
|                            |       | 13.5                            | 1 2 / |
|                            |       | 14                              | 1 2 / |

Total Credits Earned: \_\_\_\_\_