

RCAS Cluster Plan of Study: TRANSPORTATION, DISTRIBUTION AND LOGISTICS

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistic services, mobile equipment and facility maintenance.

<p>Activities that describe what I like to do:</p> <ul style="list-style-type: none"> • Travel • See well and have quick reflexes • Solve mechanical problems • Design efficient processes • Anticipate needs and prepare to meet them • Drive or ride • Move things from one place to another 	<p>Personal qualities that describe me:</p> <ul style="list-style-type: none"> • Realistic • Mechanical • Coordinated • Observant • Planner 	
<p>9th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 9 • Integrated Math 1 • Physical Science 1 & 2 or Biology 1 & 2 • World Geography <p>10th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 10 / Adv. English 10 • Integrated Math 2 • Any physical science, Biology 1 & 2 • World History <p>11th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 11 / Adv. English 11 / AP English 11 • Integrated Math 3 • Chemistry or Physics • U.S. History 1, 2, 3 <p>12th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 12 / AP English 12 • Integrated Math 3 • U.S. Government <p>Other Required Courses:</p> <ul style="list-style-type: none"> • Information Technology (1 credit) • Fine Arts (1 credit) • Physical Education / Health (1 credit) • Economics or Personal Finance (.5 credit) • World Language, Capstone Experience or Service Learning, or Approved Career and Technical Education (1 credit) 	<p>Recommended Cluster Electives:</p> <ul style="list-style-type: none"> • Computer Applications • Advanced Computer Applications • Introduction to Technology Education • Community Volunteer <p>Other Recommended Electives:</p> <ul style="list-style-type: none"> • Youth Internship • CAD Design and Development • Economics • Entrepreneurship • Introduction to Business • Introduction to Engineering 	<p>Careers in this Cluster:</p> <p>Automotive Technician Pilot Warehouse Manager Equipment Repair/ Management Mechanical Engineer</p> <p>Post-Secondary Programs in this Cluster:</p> <p><u>Technical Degree*:</u> Automotive Repair Collision Repair</p> <p><u>Associates Degree:</u> Engineering Technology Aviation Technology</p> <p><u>Baccalaureate Degree:</u> Engineering</p> <p><u>Advanced Degree:</u> Engineering</p> <p><small>*See <i>Western Dakota Tech (WDT) Dual Enrollment</i> for more information.</small></p>
<p align="center">Interest, Aptitude and Achievement Inventories</p> <p>Career Matchmaker (8th-12th grade); Ability Profiler (10th grade); PLAN (10th grade); Learning Styles Inventory (10th – 11th grade); My Skills (10th – 12th grade); Armed Services Vocational Aptitude Battery – ASVAB (11th & 12th grade); PSAT (11th grade); ACT or SAT (11th – 12th grade)</p>		