



# Bond Wilson Technical Center Academic Pathways

“College and Career Preparation for a New Economy”



## Focus Pathways include the following

Culinary Arts, Construction Technology, Mechatronics (Pre-Engineering/Computer Science), Welding Industrial Maintenance, & Healthcare (Pre-Nursing).

### Foundational Courses

- Intro to Computer Science
- 21st Century Employability Skills
- Navajo Government \*
- University Prep \*
- New Media Development
- Intro to Psychology\*
- Entrepreneurship
- Technical Writing \*
- Technical Math II \*
- Community Internship w/ Seminar

\*Denotes Dual Credit Class

### Exploratory Courses

- Aerospace Manufacturing
- Intro to Occupations in Mining
- Conceptual Design and Planning
- Japanese Language, Culture, & Lit.
- Unmanned Aircraft Systems-Drones
- Culinary Arts
- Student Senate
- Healthcare Lab

“Students will take one per semester”

### Focused Pathway Courses

- Culinary Arts
  - Intro to Culinary Arts
  - Professional Baking \*
  - Professional Cooking \*
  - Nutrition \*
  - Food Safety and Sanitation\*
  - Culinary Management
  - SkillsUSA Preparation
- Construction Technology
  - Intro to Craft Skills \*
  - Residential Construction \*
  - Residential Construction II\*
  - Site Practicum\*
  - SkillsUSA Preparation
- Mechatronics (Engineering/Comp-Sci.)
  - Robotics and Technology I
  - Robotics and Technology II
  - Engineering Graphics \*
  - Mobile App Design- Unity
  - Emerging Technologies
  - SkillsUSA Preparation
- Welding
  - Fundamentals of Welding \*
  - Fundamentals of Welding II\*
  - Pipe Welding \*
  - Pipe Welding II \*
  - Structural Welding\*
  - Structural Welding II\*
  - SkillsUSA Preparation
- Industrial Maintenance Operations
  - Industrial Maintenance I \*
  - Industrial Maintenance II \*
  - Engineering Graphics \*
- Healthcare (Pre-Nursing)
  - Medical Terminology\*
  - Interpersonal Communications\*
  - Human Nutrition\*
  - Psychology\*
  - Principals of Biology\*
  - Nurse Aid Certification\*
  - Computer Applications\*

\*Denotes Dual Credit Class \*\*More classes may be added based on availability and need.

