



JOINT SCHOOL DISTRICT NO. 2
**PROFESSIONAL-TECHNICAL
MAGNET PROGRAMS**

Technical centers offer skills for the real world!

Professional-Technical magnet programs teach marketable job skills using cutting-edge technology that leads to employment opportunities, certifications, and college credit.

OPENING FALL 2010

Meridian Professional-Technical Center:

- **Automotive Services Magnet** - Collision Repair Pathway

Renaissance Professional-Technical Center:

- **Police, Fire & Emergency Services Magnet** - features coursework in Law, Fire & Emergency Services. Cooperating with POST to share resources

Pre-Engineering Magnet - this successful Project Lead The Way® program initiated at MVHS includes coursework in aerospace, civil engineering and architecture as well as engineering research

Health Science Magnet - cooperating with the ISU-Meridian Health Science Center, this program includes Certified Nursing Assistant, Pharmacy Technician and other health courses

- **Information Technology Magnet** - leads to industry certification and employment (Opening at a later date)

JOINT SCHOOL DISTRICT NO. 2 PROFESSIONAL-TECHNICAL EDUCATION

Phone: 208.350.5051 **Email:** protech@meridianschools.org

Web: www.meridianschools.org (Click on the Parents tab, then on Professional-Technical)

RENAISSANCE PROFESSIONAL-TECHNICAL CENTER

1307 E. CENTRAL DRIVE, MERIDIAN, ID 83642

Architecture and Construction Magnet:

- **Residential Construction**-Take Residential Construction I and learn basic carpentry skills; help build a Habitat for Humanity home in Residential Construction II and III; also offered and recommended is Construction Management; earn the NCCER Certification.
- **Architecture & Civil Engineering**-Use cutting-edge architectural software to design residential and commercial structures; students design Habitat for Humanity Home plans; offerings are Residential Construction, Architectural Drafting II and Civil Engineering & Architecture. (Intro. to Engineering Design is a necessary prerequisite.)
- **Digital Home Technology Integration+**- Learn “smart home technologies” such as home theatre, security, heat/cooling, and computer networking systems on state-of-the-art equipment; offerings are DHTI+ I-II and an Internship; prepare for the CompTIA DHTI+ exam.
- **Masonry**- Become a bricklayer; learn to interpret building blueprints and lay brick, stone, and concrete block; help install brick/stone accent on Habitat Home in the advance classes; offerings are Masonry I-III and an Internship; earn the NCCER Certification.

Culinary Arts Magnet:

- **Advanced Culinary Arts**-Run a “live” café in a state-of-the-art culinary center; develop and perform restaurant industry skills; prepare for the Am. Culinary Federation Certified Culinarian (CC) and Certified Pastry Culinarian (CPC) exams. (Prerequisites are Foods and Nutrition and Introduction to Culinary Arts—earn a ServSafe Certification.)

Additional PT Course Offerings:

- **Professional-Technical Mathematics** –Students apply math solutions needed in today’s workplace specific to PT programs; designed to increase ISAT and technical college placement exam scores.
- **Professional-Technical English 10** –Students learn workplace-focused written and oral communication skills which include preparing reports and other workplace documents.

MERIDIAN PROFESSIONAL-TECHNICAL CENTER

1900 WEST PINE AVENUE, MERIDIAN, ID 83642

Agriculture Welding/Fabrication & Natural Resources Magnet:

- **Animal Science Pathway**- Study the science of animals; course offerings include Animal Science, Equine Science I-II, Animal Nutrition, Food Science, Fish & Wildlife Management, Small Animal Care, and Veterinary Assistant Internship.
- **Welding/Fabrication/Mechanical Pathway**- Learn industry skills on the best welding equipment available today courtesy of Miller Electric – a major business sponsor. Courses include Welding I-III, Advanced Small Gas Engines, Agriculture Fabrications, and Agriculture Structures.
- **Botany Pathway**-Learn in-depth knowledge about plants through these Botany class offerings: Plant and Soil Science, Range Science, Forestry Science, Horticulture I-II, Floral Design and Marketing, and Landscape Design.

Automotive Services Magnet:

- **Automotive Services Pathway**- Learn industry skills by doing “live” vehicle diagnostics and repair work; offerings are Auto Tech I-III; program is NATEF certified and the course sequence leads to an ASE Certification.

Additional PT Course Offerings:

- Professional-Technical Math: (see description above)
- Professional-Technical English: (see description above)
- Agricultural Business and Economics Course:
Meets Economic graduation requirements
- Personal Skills Development:
Meets Speech graduation requirements

DEHYRL A. DENNIS PROFESSIONAL-TECHNICAL EDUCATION CENTER

8201 W. VICTORY ROAD, BOISE, ID 83709
(APPLICATION FOR ADMITTANCE IS REQUIRED)

- Automotive Technology
- Collision Repair

- Electronics Technology
- Commercial Graphic Design
- Precision Machining
- Welding and Metal Fabrication

IT CLASSES (Maximum of 20 seats)

- Network Operating Systems
- Computer Networking Basics
- Internetworking Techniques
- Network Administration
- Fundamentals of Web Design