

MINING EXTENSION SERVICE PROGRAM

West Virginia University's Mining Extension Service Program, housed in the Benjamin M. Statler College of Engineering and Mineral Resources, is one of the oldest in the country. Established in 1913, the program works independently and cooperatively with state and federal agencies, academic departments at WVU, and mining companies in both West Virginia and around the country.

The centerpiece of the program is the Academy for Mine Training and Energy Technologies, which is housed on land donated to the University by Consol Energy. In 2009, the Academy opened a simulated underground coal mine, which serves as the hub for many of the programs and services offered by the Mining Extension Service Program.



MINING EXTENSION SERVICE



PROGRAMS/SERVICES OFFERED BY MINING EXTENSION SERVICE

UNDERGROUND COAL MINE FOREMAN/MINE EXAMINER PREPARATION CLASS

Miners receive 60 to 90 hours of instruction on West Virginia state laws for underground coal mining. The course also includes ventilation principles, gas detection, first aid, and hazard identification and mitigation. Some of the practical applications are conducted in WVU's simulated mine. Classes are offered at the Academy for Mine Training and Energy Technologies and at mine sites throughout the state.

WEST VIRGINIA 80-HOUR APPRENTICE UNDERGROUND MINER COURSE

This course equips prospective miners with the knowledge and practical skills needed to pass the West Virginia apprentice underground miner test. Completion of the class also provides students with a Mine Safety and Health Administration (MSHA) 5000-23 certificate as a coal-underground newly employed inexperienced miner.

WEST VIRGINIA 40-HOUR APPRENTICE SURFACE MINER COURSE

This class equips prospective miners with the knowledge and practical skills needed to pass the West Virginia apprentice surface miner test. Completion of the class also provides students with a MSHA 5000-23 certificate as a coal-surface newly employed inexperienced miner.

WEST VIRGINIA MINE FOREMAN/MINE EXAMINER CONTINUING EDUCATION COURSE

This class meets the requirements of the West Virginia mining laws for the continuing education of mine foremen/mine examiners.

WEST VIRGINIA APPRENTICE ELECTRICIAN COURSE

This class meets or exceeds the requirement of the West Virginia mining law for the classroom portion of an approved coal mine apprentice electrician program. The course can be the minimum required 40 hours or more, if requested.

WEST VIRGINIA AND MSHA PART 48 ANNUAL REFRESHING TRAINING

This class meets the requirement of the West Virginia and MSHA laws for the eight-hour annual refresher training of underground or surface coal miners.

WEST VIRGINIA AND MSHA ELECTRICAL ANNUAL REFRESHER RETRAINING

This class meets the requirements of West Virginia and MSHA laws for the retraining of coal mine electricians.

WEST VIRGINIA AND MSHA DIESEL INITIAL AND ANNUAL REFRESHER TRAINING

This class meets the requirements of the West Virginia mining laws for initial and annual training of operators of underground diesel equipment and diesel mechanics.

HAZARDS OF ELECTRICITY CLASS

This class meets the requirement of West Virginia mining laws for a miner who will be in an approved coal mine apprentice electrician program to receive an apprentice electrician certification.

ELECTRICAL PRINT READING CLASS

This class covers basic electrical print reading and troubleshooting skills, as well as electrical print reading for specific equipment and electrical installations.