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The purpose of developing this database was to identify educational courses with a focus on agricultural safety and health, in post-secondary associate degree, technical degree, and certificate programs in colleges within UMASH Center's five-state region of Minnesota (MN), Wisconsin (WI), Iowa (IA), North Dakota (ND), and South Dakota (SD). First, an internet search was performed to identify degree programs in MN, WI, IA, ND, and SD within the following general categories: agriculture, agribusiness and farm business, animal sciences, diesel/heavy equipment technology. The degree programs were then filtered to exclude four-year and graduate degree programs. Curricula and course descriptions were found on the websites of colleges with relevant degree programs. Courses with application to agricultural health and safety were identified.

Numbers of schools in which courses with agricultural safety and were identified are as follows: MN – 7; WI – 13; IA – 16; ND – 7; SD – 4. Number of classes identified was 152. Of note, 19 courses were found to specifically focus of agricultural health and safety (or first aid/CPR classes required in the ag curriculum):

Dakota College at Bottineau Campus (ND): HPER 210 First Aid/CPR

Dickinson State University, ND: ANSC 164 Equine behavior, groundwork and safety

Dordt College, IA: AGRICULTURE 105 Orientation and Agricultural Safety

Fox Valley Technical College, WI: 30-090-389 Farm Safety and Personnel

Fox Valley Technical College, WI: 10-003-134 Shop Tool/Safety Principles

Iowa Lakes Community College, IA: AGC 111 Basic First Aid/Life Support

Kirkwood Community College, IA: AGB 321 Agricultural Procedures and Safety

Lake Area Technical Institute, SD: AGR 105 AG Safety

Lake Area Technical Institute, SD: AED 100

Madison Area Technical College, WI: 10531190 Agriculture Technicians CPR/First Aid

Marshalltown Community College, IA: AGM 110 Ag Mach. Safety & Operation

North Central Technical College, WI: 31-070-101 Safe Equipment Operation

North Dakota State College of Science, ND: AGRI 110 Rural Safety

North Iowa Area Community College, IA: AGC-190 Skills and Safety in Agriculture

Northeast Iowa Community College, IA: FIR 338 Technical Agricultural Rescue

Ridgewater College, MN: GSWS 1451 First Aid/Safety

South Central College, MN: FBMT 2345 CPR and First Aid

Southwest Wisconsin Technical College, WI: 42-070-403 Tractor Safety Certification

Southwest Wisconsin Technical College, WI: 32-070-314 Ag Shop Safety & Practices

It should be noted that programs in horticulture, ornamental plants, plant science, industry, and firefighting for example, were not specifically sought out. However, if courses including an agricultural health/safety component in these fields were found incidentally, they were included in the list of courses. This represents an overestimate for relevant courses when considering our initial search criteria. Additional relevant courses would likely be found if the search criteria were extended.