NEW AUG 0 4 1987

OHIO CLASSIFICATION SPECIFICATION
Developed for Equal Opportunity

CLASS TITLE:	CODE:
Microbiologist 1	83211C
MAJOR AGENCIES:	**JURISDICTION:**
County Offices, Universities	County, Univ.

FUNCTION: Under direct supervision from microbiology supervisor, receives specimens, performs routine microbiological preperations, examinations, identifications, analyses & evaluations of microorganisms & maintains quality control of all tests performed;

-PERFORMS RELATED DUTIES AS REQUIRED

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
1	50-70	Performs routine microbiological preparations, examinations, identifications & evaluations (e.g., chemical analysis of blood samples for abnormal hemoglobin; membrane filter analysis of portable & non-portable water samples; microbiological reports & examination results for all standard analyses for milk under FDA certification program; serological examinations of blood specimens for antigens of fungus, bacteria, parasites & viruses; conducts complement fixation; agar gel immunodiffusion testing; prepares media, stains & reagents for testing; performs follow-up tests as indicated from primary identification; maintains accurate test records).	Knowledge of (1) microbiology, (2) microbiological laboratory techniques & related safety practices; skill in (3) use & maintenance of laboratory testing equipment; ability to (4) define problems, collect data, establish facts & draw valid conclusions, (5) calculate fractions, decimals & percentages, (6) complete routine forms, (7) gather, collate & classify information of microbiological nature.
2 (1095)	20-40	Performs routine biochemical analysis (e.g., blood glucose, serum electrolytes); obtains blood specimens for hematologic & chemical study; performs serological & bacteriological test for diagnosis of diseases; prepares test reagents for virology laboratory use; conducts research & development of new or revised metabolic testing techniques utilizing computerization of laboratory screening tests.	Knowledge of 1, 2; skill in 3; ability to 4, 5, 6, 7, (8) use proper research methods in gathering data.
3 123:1-7-17	5-15	Maintains all necessary records of examinations, tests & quality control procedures; maintains professional contact with physicians, laboratories, local clinics &/or hospitals concerning tests performed; cleans & performs general maintenance on laboratory equipment.	Knowledge of 1, 2; skill in 3; ability to 4, 5, 6, 7, 8.

*Developed after employment

UNUSUAL WORKING CONDITIONS:

MINIMUM CLASS REQUIREMENTS: *(including license, if any.)* Completion of undergraduate major program core coursework in microbiology as required by college or university (or 2 years microbiological exp.); or equivalent.

TRAINING & DEVELOPMENT: