

**CAREER AND TECHNICAL EDUCATION REQUIREMENTS**  
**8VAC20-120-150 Maximum class size**

Enrollment in career and technical education courses shall not exceed the number of individual work stations.

Career and technical education laboratory classes which use equipment that has been identified by the U.S. Department of Labor for hazardous occupations shall be limited to a maximum of 20 students per laboratory.

**CTE COURSES WITH MAXIMUM ENROLLMENT OF 20 STUDENTS**

<b>AGRICULTURAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8006	FOUNDATIONS OF AGRICULTURE, FOOD AND NATURAL RESOURCES
8007	INTRODUCTION TO PLANT SYSTEMS
8008	INTRODUCTION TO ANIMAL SYSTEMS
8010	AGRICULTURAL PRODUCTION TECHNOLOGY
8012	AGRICULTURAL PRODUCTION MANAGEMENT
8014	OPERATING THE FARM BUSINESS
8015	EQUINE MANAGEMENT (18 WEEKS)
8016	INTRODUCTION TO POWER, STRUCTURAL AND TECHNICAL SYSTEMS
8017	AGRICULTURAL STRUCTURAL SYSTEMS
8018	AGRICULTURAL POWER SYSTEMS
8019	AGRICULTURAL FABRICATION & EMERGING TECHNOLOGIES
8020	AGRICULTURAL POWER SYSTEMS, ADVANCED
8021	SMALL ENGINE REPAIR (18 WEEKS)
8034	HORTICULTURE SCIENCES
8035	GREENHOUSE PLANT PRODUCTION AND MANAGEMENT
8036	LANDSCAPING
8038	FLORICULTURE
8039	LANDSCAPING II
8040	INTRODUCTION TO NATURAL RESOURCES AND ECOLOGY SYSTEMS
8041	FISHERIES AND WILDLIFE MANAGEMENT
8042	FORESTRY MANAGEMENT
8043	OUTDOOR RECREATION, PARKS AND TOURISM SYSTEMS MANAGEMENT
8044	FORESTRY MANAGEMENT, ADVANCED
8048	COMMUNITY FORESTRY AND TREE MANAGEMENT
8051	TURFGRASS ESTABLISHMENT AND MAINTENANCE

<b>AGRICULTURAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8054	TURFGRASS APPLICATIONS, ADVANCED
8072	APPLIED AGRICULTURAL CONCEPTS (18 WEEKS)
8073	APPLIED AGRICULTURAL CONCEPTS (36 WEEKS)
8080	EQUINE MANAGEMENT (36 WEEKS)
8081	SMALL ANIMAL CARE I (18 WEEKS)
8082	SMALL ENGINE REPAIR (36 WEEKS)
8083	SMALL ANIMAL CARE I (36 WEEKS)
8084	SMALL ANIMAL CARE II (36 WEEKS)
8088	VETERINARY SCIENCE
8311	VETERINARY ASSISTANT II

<b>FAMILY &amp; CONSUMER SCIENCES</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8239	FOOD SCIENCE AND DIATETICS
8249	INTRODUCTION TO CULINARY ARTS (18 WEEKS)
8250	INTRODUCTION TO CULINARY ARTS (36 WEEKS)
8275	CULINARY ARTS I
8276	CULINARY ARTS II
8279	CULINARY ARTS SPECIALIZATION (36 WEEKS)
8285	EARLY CHILDHOOD, EDUCATION, AND SERVICES I
8286	EARLY CHILDHOOD, EDUCATION, AND SERVICES II

<b>HEALTH &amp; MEDICAL SCIENCES</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8328	DENTAL CAREERS I
8329	DENTAL CAREERS II

<b>TECHNOLOGY EDUCATON</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8425	MANUFACTURING SYSTEMS I (36 WEEKS)
8426	MANUFACTURING SYSTEMS I (18 WEEKS)
8427	ADVANCED MANUFACTURING SYSTEMS II
8431	CONSTRUCTION TECHNOLOGY (36 WEEKS)
8432	CONSTRUCTION TECHNOLOGY (18 WEEKS)

<b>TECHNOLOGY EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8433	MATERIALS AND PROCESSES TECHNOLOGY (36 WEEKS)
8444	POWER AND TRANSPORTATION (18 WEEKS)
8445	POWER AND TRANSPORTATION (36 WEEKS)
8446	PRODUCTION SYSTEMS (18 WEEKS)
8447	PRODUCTION SYSTEMS (36 WEEKS)
8448	ENERGY AND POWER (36 WEEKS)
8478	MATERIALS & PROCESSES TECHNOLOGY (18 WEEKS)
8489	ENTERTAINMENT DESIGN AND TECHNOLOGY
8491	ENGINEERING STUDIES
8495	ENERGY AND POWER (18 WEEKS)

<b>TRADE &amp; INDUSTRIAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8503	HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION I
8504	HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION II
8506	AUTOMOTIVE TECHNOLOGY I
8507	AUTOMOTIVE TECHNOLOGY II
8508	AUTOMOTIVE TECHNOLOGY III
8509	MOTORSPORTS TECHNOLOGY I
8510	MOTORSPORTS TECHNOLOGY II
8511	MOTORSPORTS TECHNOLOGY III
8512	MASONRY I
8513	MASONRY II
8514	MASONRY III
8515	BUILDING TRADES I
8516	BUILDING TRADES II
8527	COSMETOLOGY I
8528	COSMETOLOGY II
8529	COSMETOLOGY III
8533	ELECTRICITY I
8534	ELECTRICITY II
8535	ELECTRICITY III
8539	PRECISION MACHINING TECHNOLOGY I
8540	PRECISION MACHINING TECHNOLOGY II

<b>TRADE &amp; INDUSTRIAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8551	PLUMBING I
8552	PLUMBING II
8575	INDUSTRIAL MAINTENANCE TECHNOLOGY I
8576	INDUSTRIAL MAINTENANCE TECHNOLOGY II
8590	BUILDING MANAGEMENT I
8591	BUILDING MANAGEMENT II
8592	BUILDING MANAGEMENT III
8601	CARPENTRY I
8602	CARPENTRY II
8603	CARPENTRY III
8604	CABINETMAKING I
8605	CABINETMAKING II
8613	DIESEL EQUIPMENT TECHNOLOGY I
8614	DIESEL EQUIPMENT TECHNOLOGY II
8615	DIESEL EQUIPMENT TECHNOLOGY III
8616	UTILITY/HEAVY CONSTRUCTION TECHNOLOGY I
8617	UTILITY/HEAVY CONSTRUCTION TECHNOLOGY II
8650	TELECOMMUNICATIONS I
8651	TELECOMMUNICATIONS II
8660	GRAPHIC IMAGING TECHNOLOGY I
8661	GRAPHIC IMAGING TECHNOLOGY II
8663	SHEET METAL I
8664	SHEET METAL II
8672	WELDING I
8673	WELDING II
8674	WELDING III
8676	AUTO BODY TECHNOLOGY I
8677	AUTO BODY TECHNOLOGY II
8678	AUTO BODY TECHNOLOGY III
8705	FIREFIGHTING I
8706	FIREFIGHTING II
8724	SMALL ENGINE REPAIR
8725	SMALL ENGINE TECHNOLOGY I
8726	SMALL ENGINE TECHNOLOGY II

<b>TRADE &amp; INDUSTRIAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8728	AVIATION MAINTENANCE TECHNOLOGY I
8729	AVIATION MAINTENANCE TECHNOLOGY II
8731	AIRCRAFT PILOT TRAINING I
8732	AIRCRAFT PILOT TRAINING II
8734	AIR TRAFFIC CONTROLLER
8740	BARBERING I
8741	BARBERING II
8742	BARBERING III
8750	MARINE SERVICE TECHNOLOGY I
8751	MARINE SERVICE TECHNOLOGY II

## CTE COURSES FOR THE DISADVANTAGED

Career and technical education courses designed specifically and approved for students who are disadvantaged shall be limited to an average of 15 students per instructor per class period with no class being more than 18.

### CTE COURSES WITH MAXIMUM ENROLLMENT OF 15 STUDENTS

<b>AGRICULTURAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8050	AGRICULTURAL EDUCATION – PREPARATION

<b>BUSINESS AND INFORMATION TECHNOLOGY</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
6740	OFFICE SPECIALIST I (PREPARATION)
6741	OFFICE SPECIALIST II (PREPARATION)
6742	OFFICE SPECIALIST III (PREPARATION)

<b>CAREER CONNECTIONS</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
9020	EDUCATION FOR EMPLOYMENT - PREPARATION - INTRODUCTION (6 WKS)
9021	EDUCATION FOR EMPLOYMENT - PREPARATION - INTRODUCTION (9 WKS)
9022	EDUCATION FOR EMPLOYMENT - PREPARATION - INTRODUCTION (12 WKS)
9075	EDUCATION FOR EMPLOYMENT - PREPARATION - INTRODUCTION (18 WKS)
9076	EDUCATION FOR EMPLOYMENT - PREPARATION - INTRODUCTION (36 WKS)
9077	EDUCATION FOR EMPLOYMENT I – PREPARATION (18 WEEKS)
9078	EDUCATION FOR EMPLOYMENT I – PREPARATION (36 WEEKS)
9079	EDUCATION FOR EMPLOYMENT II – PREPARATION (18 WEEKS)
9080	EDUCATION FOR EMPLOYMENT II – PREPARATION (36 WEEKS)

<b>FAMILY &amp; CONSUMER SCIENCES</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8224	FAMILY & CONSUMER SCIENCES - PREPARATION

<b>TECHNOLOGY EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8469	TECHNOLOGY EDUCATION – PREPARATION

## CTE COURSES FOR STUDENTS WITH DISABILITIES

Career and technical education courses designed specifically and approved for students with disabilities shall be limited to an average of 10 students per instructor per class period with no class being more than 12 or up to an average of 12 students per class period with no class being more than 15 where an instructional aide is provided.

### CTE COURSES WITH MAXIMUM ENROLLMENT OF 10 STUDENTS

<b>AGRICULTURAL EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8053	AGRICULTURAL EDUCATION – DEVELOPMENT

<b>BUSINESS AND INFORMATION TECHNOLOGY</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
6745	BUSINESS INDIVIDUALIZED PROGRAM (DEVELOPMENT) (18 WEEKS)
6746	BUSINESS INDIVIDUALIZED PROGRAM (DEVELOPMENT) (36 WEEKS)

<b>CAREER CONNECTIONS</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
9030	EDUCATION FOR EMPLOYMENT - DEVELOPMENT - INTRODUCTION (6 WKS)
9031	EDUCATION FOR EMPLOYMENT - DEVELOPMENT - INTRODUCTION (9 WKS)
9032	EDUCATION FOR EMPLOYMENT - DEVELOPMENT - INTRODUCTION (12 WKS)
9082	EDUCATION FOR EMPLOYMENT - DEVELOPMENT - INTRODUCTION (18 WKS)
9083	EDUCATION FOR EMPLOYMENT - DEVELOPMENT - INTRODUCTION (36 WKS)
9084	EDUCATION FOR EMPLOYMENT I – DEVELOPMENT (18 WEEKS)
9085	EDUCATION FOR EMPLOYMENT I – DEVELOPMENT (36 WEEKS)
9086	EDUCATION FOR EMPLOYMENT II – DEVELOPMENT (18 WEEKS)
9087	EDUCATION FOR EMPLOYMENT II – DEVELOPMENT (36 WEEKS)

<b>FAMILY &amp; CONSUMER SCIENCES</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8222	FAMILY & CONSUMER SCIENCES - DEVELOPMENT

<b>TECHNOLOGY EDUCATION</b>	
<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
8471	TECHNOLOGY EDUCATION – DEVELOPMENT