

WEST HIGH SCHOOL CTE PATHWAYS

SENIORS MAY EARN A CTE MEDALLION TO WEAR AT GRADUATION BY COMPLETING 3.0 CREDITS IN A GROUPING OR CTE COURSES (SEE BOXES BELOW). STUDENTS MUST RECEIVE A "C" OR HIGHER IN EACH COURSE FOR IT TO COUNT TOWARDS EARNING THE MEDALLION.

<p><u>AGRICULTURE, FOOD AND NATURAL RESOURCES</u> <u>ANIMAL & VETERINARY SCIENCE</u></p> <p>REQUIRED COURSES ARE: ANIMAL COMPANION SCIENCE (0.50) GUIDE DOG TRAINING (1.0)</p> <p>OPTIONAL CLASSES ARE: BIOLOGY AGRICULTURE SCIENCE (1.0) BUSINESS COMMUNICATION 1 (0.50) BUSINESS COMMUNICATION 2 (0.50) SUMMER AGRICULTURE PROGRAM (0.25) CTE INTERNSHIP (0.50-1.0) * SOME STUDENTS CHOOSE TO TAKE THE VET SCIENCE CLASSES AT THE JATC</p>	<p><u>ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATION</u> <u>BROADCASTING & DIGITAL MEDIA</u></p> <p>REQUIRED COURSES ARE: TV BROADCASTING 1 (0.50) TV BROADCASTING 2 (1.0)</p> <p style="text-align: center;">OR</p> <p>VIDEO PRODUCTION 1 (0.50) VIDEO PRODUCTION 2 (1.0)</p> <p>OPTIONAL CLASSES ARE: 3D ANIMATION (0.50) 3D GRAPHICS (0.50) COMPUTER SCIENCE PRINCIPLES (1.0) COMPUTER PROGRAMMING 1 (1.0) GAME DEVELOPMENT (0.50) CTE INTERNSHIP (0.50)</p>	<p><u>ENGINEERING & TECHNOLOGY</u> <u>ENGINEERING</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1.0 CREDIT) ELECTRONICS 2 (0.50) ELECTRONICS 3 (0.50) ENGINEERING PRINCIPLES 2 (0.50) ROBOTICS 2 (0.50)</p> <p>OPTIONAL CLASSES ARE: ELECTRONICS 1 (0.50) ENGINEERING PRINCIPLES 1 (0.50) ROBOTICS 1 (0.50) WELDING, ENTRY LEVEL (1.0) CTE INTERNSHIP (0.50)</p>
<p><u>AGRICULTURE, FOOD AND NATURAL RESOURCES</u> <u>FOOD SCIENCE, DIETETICS & NUTRITION</u></p> <p>REQUIRED COURSES ARE: FOOD & NUTRITION 1 (0.50) FOOD & NUTRITION 2 (0.50) FOOD SCIENCE (0.50)</p> <p>OPTIONAL CLASSES ARE: MEDICAL ANATOMY & PHYSIOLOGY (1.00) CTE INTERNSHIP (0.50-1.0)</p> <p>SOME STUDENTS CHOOSE TO TAKE THE VET SCIENCE CLASSES AT THE JATC</p>	<p><u>ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATION</u> <u>FASHION APPAREL & TEXTILES</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1.5 CREDITS) SEWING CONSTRUCTION/TEXTILES 2 (0.50) SEWING CONSTRUCTION/TEXTILES 3 (1.0) FASHION MERCHANDISING, ADVANCED (0.50) SPORTS & OUTDOOR DESIGN 2 (0.50)</p> <p>OPTIONAL CLASSES ARE: SPORTS & OUTDOOR DESIGN 1 (0.50) SEWING CONSTRUCTION/TEXTILES 1 (0.50) FASHION DESIGN STUDIO (0.50) CTE INTERNSHIP (0.50)</p>	<p><u>HOSPITALITY & TOURISM</u> <u>CULINARY ARTS</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1.0 CREDIT) CULINARY ARTS 2 (1.00) PROSTART 2 (1.00)</p> <p>OPTIONAL CLASSES ARE: FOOD & NUTRITION 1 (0.50) FOOD & NUTRITION 2 (0.50) CULINARY ARTS 1 (1.00) PROSTART 1 (1.00) CTE INTERNSHIP (0.50)</p>
<p><u>ARCHITECTURE & CONSTRUCTION</u> <u>INTERIOR DESIGN</u></p> <p>REQUIRED COURSES ARE: INTERIOR DESIGN 2 (0.50) INTERIOR DESIGN 3 (1.0)</p> <p>OPTIONAL CLASSES ARE: BUSINESS COMMUNICATION 1 (0.50) INTERIOR DESIGN 1 (0.50) MARKETING 1 (0.50) ADVANCED SEWING AND TEXTILE DESIGN 3 (1.0) CTE INTERNSHIP (0.50)</p>	<p><u>ARTS, AUDIO/VISUAL TECHNOLOGY & COMMUNICATION</u> <u>GRAPHIC DESIGN & COMMUNICATION</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 2.0 CREDITS) COMMERCIAL ART 2/ADVERTISING ART (1.00) BASIC DIGITAL PHOTO (0.50) ADVANCED COMMERCIAL PHOTO (1.0)</p> <p>OPTIONAL CLASSES ARE: COMMERCIAL ART 1/INTRO TO DESIGN (0.50) COMMERCIAL ART 3/INDUSTRIAL DESIGN (1.00) CTE INTERNSHIP (0.50)</p>	<p><u>HUMAN SERVICES</u> <u>PERSONAL CARE SERVICES</u></p> <p>REQUIRED COURSES ARE: BARBERING 1 (1.00) BARBERING 2 (1.00)</p> <p style="text-align: center;">OR</p> <p>NAIL TECHNICIAN 1 (1.00) NAIL TECHNICIAN 2 (1.00)</p> <p>OPTIONAL CLASSES ARE: ACCOUNTING 1 (0.50) BUSINESS MANAGEMENT (0.50) CTE INTERNSHIP (0.50)</p>

<p align="center"><u>COMPUTER SCIENCE & INFORMATION TECHNOLOGY</u> <u>INFORMATION TECHNOLOGY SYSTEMS</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1 OF THESE) A+ COMPUTER MAINTENANCE & REPAIR (1.0) NETWORK FUNDAMENTALS (1.0)</p> <p>OPTIONAL CLASSES ARE: COMPUTER PROGRAMMING 1 (1.0) COMPUTER SCIENCE PRINCIPLES (1.0) EXPLORING COMPUTER SCIENCE (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>EDUCATION AND TRAINING</u> <u>PRE-K: EARLY CHILDHOOD EDUCATION</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1.0 CREDIT) EARLY CHILDHOOD EDUCATION 2 (1.0) EARLY CHILDHOOD EDUCATION 3 (1.0)</p> <p>OPTIONAL CLASSES ARE: CHILD DEVELOPMENT (1.0) EARLY CHILDHOOD EDUCATION 1 (1.0) FOOD & NUTRITION 1 (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>BUSINESS, FINANCE & MARKETING</u> <u>ACCOUNTING & FINANCE</u></p> <p>REQUIRED COURSE IS: ACCOUNTING 2 (0.50)</p> <p>OPTIONAL CLASSES ARE: ACCOUNTING 1 (0.50) BUSINESS COMMUNICATION 1 (0.50) BUSINESS COMMUNICATION 2 (0.50) ECONOMICS (0.50) ENTREPRENEURSHIP (0.50) MARKETING 1 (0.50) CTE INTERNSHIP (0.50)</p>
<p align="center"><u>COMPUTER SCIENCE & INFORMATION TECHNOLOGY</u> <u>PROGRAMMING & SOFTWARE DEVELOPMENT</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1.0 CREDIT) COMPUTER PROGRAMMING 2 (1.0) COMPUTER PROGRAMMING 3 (1.0) MOBILE APP DEVELOPMENT (0.50)</p> <p>OPTIONAL CLASSES ARE: COMPUTER PROGRAMMING 1 (1.0) COMPUTER SCIENCE PRINCIPLES (1.0) EXPLORING COMPUTER SCIENCE (0.50) GAME DEVELOPMENT (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>EDUCATION AND TRAINING</u> <u>K-12: TEACHING AS A PROFESSION</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1.0 CREDIT) TEACHING AS A PROFESSION 2 (1.0) CE EDUCATION 1010 (1.0)</p> <p>OPTIONAL CLASSES ARE: BUSINESS COMMUNICATION 1 (0.50) BUSINESS COMMUNICATION 2 (0.50) CE ENGLISH 1010 (1.0) CE MATH 1050 (1.0) TEACHING AS A PROFESSION 1 (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>BUSINESS, FINANCE & MARKETING</u> <u>BUSINESS ADMINISTRATION</u></p> <p>REQUIRED COURSE IS: BUSINESS MANAGEMENT (0.50)</p> <p>OPTIONAL CLASSES ARE: ACCOUNTING 1 (0.50) BUSINESS COMMUNICATION 1 (0.50) BUSINESS COMMUNICATION 2 (0.50) ECONOMICS (0.50) ENTREPRENEURSHIP (0.50) MARKETING 1 (0.50) CTE INTERNSHIP (0.50)</p>
<p align="center"><u>LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY</u> <u>PROTECTIVE SERVICES</u></p> <p>REQUIRED COURSES ARE: CONCURRENT LAW ENFORCEMENT (1.00) FORENSICS 2 (0.50)</p> <p>OPTIONAL CLASSES ARE: EXPLORING EMERGENCY CAREERS (0.50) LAW ENFORCEMENT (0.50) FORENSICS 1 (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>MANUFACTURING</u> <u>MANUFACTURING & PRODUCTION</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 2.0 CREDITS) WOODS 2/CABINET MAKING (1.00) WOODS 3/FURNITURE DESIGN & MANUFACTURING (1.00)</p> <p>OPTIONAL CLASSES ARE: WOODS 1 (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>BUSINESS, FINANCE & MARKETING</u> <u>BUSINESS INFORMATION MANAGEMENT</u></p> <p>REQUIRED COURSE IS: BUSINESS OFFICE SPECIALIST (0.50)</p> <p align="center">OR</p> <p>DIGITAL BUSINESS APPLICATIONS (0.50)</p> <p>OPTIONAL CLASSES ARE: ACCOUNTING 1 (0.50) BUSINESS COMMUNICATION 1 (0.50) BUSINESS COMMUNICATION 2 (0.50) ECONOMICS (0.50) ENTREPRENEURSHIP (0.50) CTE INTERNSHIP (0.50)</p>
<p align="center"><u>TRANSPORTATION, DISTRIBUTION & LOGISTICS</u> <u>AUTO MECHANICS & REPAIRS</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 2.0 CREDITS) AUTO COLLISION 2 (1.00) AUTO 2 ASE BRAKE SUSPENSION (1.00) AUTO 3 ASE ELECTRIC (1.00) AUTO 4 ASE ENGINE (1.00)</p> <p>OPTIONAL CLASSES ARE: AUTO 1 INTRODUCTION (1.00) AUTO COLLISION 1 (1.00) ELECTRONICS 1 (0.50) WELDING, ENTRY LEVEL (1.00) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>MANUFACTURING</u> <u>WELDING & MACHINING</u></p> <p>REQUIRED COURSES ARE: WELDING, INTERMEDIATE (1.00) WELDING, ADVANCED (1.00)</p> <p>OPTIONAL CLASSES ARE: WELDING, ENTRY LEVEL (1.00) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>BUSINESS, FINANCE & MARKETING</u> <u>MARKETING</u></p> <p>REQUIRED COURSE IS: MARKETING 2 (0.50)</p> <p>OPTIONAL CLASSES ARE: ACCOUNTING 1 (0.50) BUSINESS COMMUNICATION 1 (0.50) BUSINESS COMMUNICATION 2 (0.50) ECONOMICS (0.50) ENTREPRENEURSHIP (0.50) MARKETING 1 (0.50) CTE INTERNSHIP (0.50)</p>

<p align="center"><u>HEALTH SCIENCE</u> <u>EMERGENCY MEDICAL TECHNICIAN</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE BOTH) EMP PATIENT PREP (0.50) EMT CERTIFICATION (1.00)</p> <p>OPTIONAL CLASSES ARE: HEALTH SCIENCE INTRO (0.50) MEDICAL ANATOMY & PHYSIOLOGY (1.00) MEDICAL TERMINOLOGY (0.50) EXPLORING EMERGENCY CAREERS (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>HEALTH SCIENCE</u> <u>EXERCISE SCIENCE/SPORTS MEDICINE</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE 1.0 CREDIT) EXERCISE SCIENCE/SPORTS MEDICINE (1.00) IB SPORTS, EXERCISE & HEALTH SCIENCE (1.00)</p> <p>OPTIONAL CLASSES ARE: HEALTH SCIENCE INTRO (0.50) MEDICAL ANATOMY & PHYSIOLOGY (1.00) MEDICAL TERMINOLOGY (0.50) EXPLORING EMERGENCY CAREERS (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>HEALTH SCIENCE</u> <u>MEDICAL ASSISTANT</u></p> <p>REQUIRED COURSE IS: MEDICAL ASSISTANT (2.00)</p> <p>OPTIONAL CLASSES ARE: HEALTH SCIENCE INTRO (0.50) MEDICAL ANATOMY & PHYSIOLOGY (1.00) MEDICAL TERMINOLOGY (0.50) EXPLORING EMERGENCY CAREERS (0.50) CTE INTERNSHIP (0.50)</p>
<p align="center"><u>HEALTH SCIENCE</u> <u>MEDICAL FORENSICS</u></p> <p>REQUIRED COURSES ARE: (MUST TAKE BOTH) MEDICAL FORENSICS 1 (0.50) MEDICAL FORENSICS 2 (0.50)</p> <p>OPTIONAL CLASSES ARE: HEALTH SCIENCE INTRO (0.50) MEDICAL ANATOMY & PHYSIOLOGY (1.00) MEDICAL TERMINOLOGY (0.50) EXPLORING EMERGENCY CAREERS (0.50) CTE INTERNSHIP (0.50)</p>	<p align="center"><u>HEALTH SCIENCE</u> <u>NURSE ASSISTANT</u></p> <p>REQUIRED COURSE IS CERTIFIED NURSE ASSISTANT (1.00)</p> <p>OPTIONAL CLASSES ARE: HEALTH SCIENCE INTRO (0.50) MEDICAL ANATOMY & PHYSIOLOGY (1.00) MEDICAL TERMINOLOGY (0.50) EXPLORING EMERGENCY CAREERS (0.50) CTE INTERNSHIP (0.50)</p>	