

Career Tech Education (CTE)

Hardin Valley Academy

2022-2023 Course Offerings



Advanced Manufacturing (Byington)			Cardiovascular Services (Pathway at HVA)		
Welding (Pathway at Byington)			Health Science Education		
592200000	NIC Principles of Manufacturing	9,10,11	599800000	Health Science Education 7am	9,10
607800000	NIC Welding I	10,11,12	599400000	Diagnostic Medicine	10,11
603300000	NIC Welding II (2 block)	11,12	325103000	Anatomy and Physiology	11,12
592600000	Manufacturing Practicum	12	613100000	Cardiovascular Services & Clinical Internship(2 block) (application)	12
Agriculture, Food and Natural Resources (Byington)			Nursing Services (Pathway at HVA)		
Environmental and Natural Resource Management (Pathway at Byington)			Health Science Education		
595700000	NIC Agriscience	9,10,11	599800000	Health Science Education 7am	9,10
611400000	Applied Environmental Science	10,11,12	599900000	NIC Medical Therapeutics	10,11,12
595000000	Plant and Soil Science	10,11,12	325103000	Anatomy/Physiology	11,12
611700000	Natural Resource Management	11,12	600000000 and 599300000	NIC Nursing Education and Clinical Internship (2 block) (application)	12
Architecture & Construction (Byington/HVA)			Hospitality & Tourism		
Architecture (Pathway at HVA)			Hospitality & Tourism Management 1		
603700000	Architectural and Engineering Design I	9,10	593300000	Hospitality & Tourism Management 2	9,10,11,12
603900000	Architectural and Engineering Design II	10,11	616900000	Hospitality & Tourism Management 2	10,11,12
603900007	Architectural and Engineering Design II 7am	10,11	Human Services (HVA and Byington)		
592700000	NIC Architectural and Engineering Design III	11,12	Human and Social Sciences (Pathway at HVA)		
TBD	Architectural Design Practicum or Dual Enrollment	12	601300000	Lifespan Development	11,12
Structural Systems (Pathway at Byington)			613600000	NIC Family Studies	11,12
592200000	NIC Fundamentals of Construction	9,10,11	410800000	DE Social Health Sciences	12
616400000	NIC Structural Systems I	10,11,12	Cosmetology (Pathway at Byington)		
616500000	Structural Systems 2 (2 blocks)	11,12	598300000	Cosmetology I (1 block)	9,10
616000000	Construction Practicum	11,12	598600000	Cosmetology II (2 blocks)	10,11,12
Mechanical Electrical & Plumbing Systems (Pathway at Byington)			598400000	Cosmetology III (2 blocks)	11,12
607300000	NIC Fundamentals of Construction	9,10,11	610500000	WBL	12
607500000	NIC Electrical Systems	10,11,12	Information Technology (HVA)		
608200000	NIC Plumbing Systems	10,11,12	Coding (Pathway at HVA)		
616000000	Construction Practicum	11,12	609500000	NIC Computer Science Foundations	9,10
Arts, Audio/Visual Technology, & Communication (Byington)			609800000	Coding I	9,10,11,12
Audio/Visual Production (Pathway at Karns/Byington)			609800007	Coding 1 7am	9,10,11,12
604900100	AV Production I	9,10,11	609900000	NIC Coding II	10,11,12
605000100	AV Production II	10,11,12	590800000	Coding Practicum	11,12
608300100	AV Production III	10,11,12	363405000	AP Computer Science Principles	9,10,11,12
615800000	Applied Arts Practicum	11,12	363505000	AP Computer Science A	11,12
Digital Art and Design (Pathway at HVA)			Cybersecurity (Pathway at HVA)		
608400000	Digital Arts and Design I	9	609500000	NIC Computer Science Foundations	9,10,11
608600000	Digital Arts and Design II	10	617500000	NIC Cybersecurity I	10,11
608700000	Digital Arts and Design III	10,11,12	617600000	NIC Cybersecurity II	11,12
TBD	Dual Enrollment Digital Arts and Design	12	363405000	AP Computer Science Principles	9,10,11,12
Auto Maintenance & Light Repair (Byington)			363505000	AP Computer Science A	11,12
587900000	Maintenance and Light Repair 1	9,10,11,12	Law, Public Safety, Corrections, & Security (HVA and Byington)		
588000000	Maintenance and Light Repair 2	9,10,11,12	Criminal Justice (Pathway at HVA)		
TBA	Maintenance and Light Repair 3	10,11,12	598700000	Criminal Justice I	9,10
Business Management & Administration (HVA)			598800000	Criminal Justice II	10,11
Business Management (Pathway at HVA)			598900000	Criminal Justice III	10,11,12
590500000	Introduction to Business & Marketing	9,10,11	TBD	Criminal Justice Practicum, WBL or Dual Enrollment	12
588800000	Business Communications	10,11,12	Fire Management Services (Pathway at Byington)		
588900000	NIC Business Management	10,11,12	615400000	Principles of Fire and Emergency Services	9,10,11
593400000	Entrepreneurship Practicum	10,11,12	615200000	Fire Science I	10,11
Education and Training (HVA and Byington)			615300000	Fire Science II	11,12
Teaching as a Profession K-12 (Pathway at HVA)			Pre-Law (Pathway at HVA)		
612300000	Fundamentals of Education	9,10	619500000	Pre-Law I	9,10
601000000	Teaching as a Profession I (TAP I)	10,11,12	619600000	Pre-Law II	10,11
612500000	Teaching as a Profession II (TAP II)	10,11,12	Marketing, Distribution & Logistics (HVA)		
612600000	Teaching as a Profession III (TAP III)	11,12	Marketing (Pathway at HVA)		
Early Childhood Education Careers (Pathway at Byington)			590500000	Introduction to Business and Marketing	9,10,11
601500000	Early Childhood Education Careers I	9,10	593100000	Marketing I	10,11
601600000	Early Childhood Education Careers II	10,11,12	C12H4600	Social Media Marketing & Analytics	11,12
601700000	Early Childhood Education Careers III	10,11,12	616800000	Event Planning	11,12
613500000	NIC Early Childhood Education Careers IV	11,12	610500000	WBL - Work Based Learning	11,12
Finance (HVA)			Supply Chain Management (Pathway at HVA)		
Accounting (Pathway at HVA)			590500000	Introduction to Business and Marketing	9,10,11
590500000	Introduction to Business and Marketing	9,10,11	619800000	Supply Chain Management 1	10,11,12

591000000	Accounting 1	10,11,12
591000007	Accounting 1 7am	10,11,12
591100000	NIC Accounting 2	11,12
Banking and Finance (Pathway at HVA)		
590500000	Introduction to Business and Marketing	9,10,11
589900000	Banking and Finance	10,11,12
593400000	Entrepreneurship/Practicum	11,12
Health Science (HVA)		
Pharmacology (Pathway at HVA)		
599800000	Health Science Education	9,10
599800007	Health Science Education 7am	9,10
325103000	Anatomy/Physiology	10,11
613300000	NIC Pharmacological Science	11,12
599300000	Clinical Internship	12
TBD	Dual Enrollment	12
Sport and Human Performance (Pathway at HVA)		
599800000	Health Science Education	9,10
599800007	Health Science Education 7am	9,10
599000000	NIC Rehab Careers	10,11
599000007	NIC Rehab Careers 7am	10,11
325103000	Anatomy/Physiology	10,11
617000000	NIC Exercise Science	11,12
617000007	NIC Exercise Science 7am	11,12
599300000	Clinical Internship	12

619900000	Supply Chain Management 2	11,12
620000000	Supply Chain Management 3	11,12
593400000	Entrepreneurship (Retail)	12
593400007	Entrepreneurship (Retail) 7am (Fall)	12
610500007	WBL - Work Based Learning (Spring)	12
STEM (HVA)		
Engineering (Pathway at HVA)		
592400000	NIC Principles of Engineering and Technology	9,10
592400000	Engineering Design I	10,11,12
614000000	NIC Engineering Design II	10,11,12
614000007	NIC Engineering Design II (7am)	10,11,12
610500000	STEM Practicum (WBL)	12
323805000 or 323405100	AP Physics (non CTE completes EF)	11,12

Please see the most up to date program of study options for 2022-2023 school year on the State of Tennessee CTE website. All courses are not offered at HVA.

Course sequence/pre-requisite requirements and Industry certification information can be found at the following link:

https://www.tn.gov/content/dam/tn/education/cte/2022-23_Course_and_Program_of_Study_Matrix.pdf

COURSE CRITERIA

**recommendation - courses that require recommendation from teacher
application/audition - courses that require audition or application**