



Madison High School




Career and Technical Education Electives 2025-2026



To earn a CTE Pathway: A Student completing and passing three or more CTE courses for a total of four or more credits within a program of study
And Passing a Industry Base Certification (IBC)





Business & Industry Endorsement

Architectural Design Pathway

Level	Course #	Course Name	Grades	Credit
	1 H6647	Principles of Architecture	9-12	1.0
	2 H8245	Architectural Design I (Prerequisite: Principles of Architecture)	9-12	1.0
	2 H6660	Computer Aided Drafting for Architecture (Prerequisite: Principles of Architecture)	9-12	1.0
	3 H8246	Architectural Design II (Prerequisite: Architectural Design I)	10-12	2.0
	4 H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4 H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0





Certification earned: Autodesk Associate User IBC / Entrepreneurship & Small Business IBC

Digital Communications Pathway

Level	Course #	Course Name	Grades	Credit
	1 M3020	Principles of Arts, A/V, & Communication (Offered at Driscoll, & Wood)	7-8	1.0
	1 H6656	Principles of Arts, A/V, & Communication	9-12	1.0
	2 H6731	Audio/Video Production I (Prerequisite: Princ. of A/V)	9-12	1.0
	3 H6741	Audio/Video Production II (Prerequisite: A/V Prod. I)	10-12	1.0
	3 H6742	Audio/Video Production II w/ Lab (Prerequisite: A/V Prod. I)	10-12	2.0
	4 H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4 H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0

Certification earned: Adobe Certified Professional IBC / Entrepreneurship & Small Business IBC




Graphic Design & Interactive Media Pathway


Level	Course #	Course Name	Grades	Credit
	1 M3020	Principles of Art, A/V, & Communication (Offered at Driscoll, & Wood)	7-8	1.0
	1 H6656	Principles of Art, A/V, & Communication	9-12	1.0
	1 H6700	Video Game Design	9-12	1.0
	2 H6711	Animation I (Prerequisite: Prin. of A/V)	10-12	1.0
	3 H6713	Animation II (Prerequisite: Animation I)	11-12	1.0
	3 H6714	Animation II W/ Lab (Prerequisite: Animation I)	11-12	2.0
	4 H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4 H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0

Certification earned: Adobe Certified Professional IBC / Entrepreneurship & Small Business IBC





Accounting & Finance Services Pathway


Level	Course #	Course Name	Grades	Credit
	1 M3033	Principles of Business, Marketing & Finance (Offered at Driscoll, N Harris)	7-8	1.0
	1 H8290	Principles of Business, Marketing & Finance	9-12	1.0
	2 H8301	Accounting I (Prerequisite: Prin. of BMF)	10-12	1.0
	2 H8272	Financial Math	10-12	1.0

	3	H8302	Accounting II (Prerequisite: Acct. I) (Math credit)	11-12	1.0
	4	H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4	H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0





 Certification earned: Intuit Quickbooks Certified User IBC, Volunteer Income Tax Assistance/Tax, Counseling IBC / Entrepreneurship & Small Business IBC

Business Management Pathway

Level	Course #	Course Name	Grades	Credit
	1 M3033	Principles of Business, Marketing & Finance (Offered at Driscoll, &Harris)	7-8	1.0
	1 M8291	Business Info. Management I (Offered at Driscoll)	7-8	1.0
	1 H8290	Principles of Business, Marketing & Finance	9-12	1.0
	1 H8291	Business Info. Management I	9-12	1.0
	2 H8292	Business Info. Management II (Prerequisite: BIM I)	10-12	1.0
	3 H8294	Business Management	10-12	1.0
	4 H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4 H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0


 Certification earned: Microsoft Office Expert Excel, Word IBC / Entrepreneurship & Small Business IBC

Marketing & Sales Pathway

Level	Course #	Course Name	Grades	Credit
	1 M3033	Principles of Business, Marketing & Finance (Offered at Driscoll, &Harris)	7-8	1.0
	1 H8290	Principles of Business, Marketing & Finance	9-12	1.0
	2 H8304	Sports & Entertainment Marketing I (Prerequisite: Prin. of BMF)	9-12	0.5
	2 H8014	Fashion Marketing (Prerequisite: Prin. of BMF)	9-12	0.5
	3 H8313	Sports & Entertainment Marketing II (Prerequisite: Sports & Entertainment Marketing I)	9-12	0.5
	3 TBD	Fundamentals of Real Estate (Prerequisite: Prin. of BIM & ONE Full year credit of a Level 2 or Level 3 Course)	11-12	2.0
	3 H6769	Social Media Marketing (Prerequisite: Prin. of BMF)	9-12	0.5
	4 H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4 H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0




Real Estate Pathway


Level	Course #	Course Name	Grades	Credit
1	M3033	Principles of Business, Marketing & Finance (Offered at Bush, & Lopez)	7-8	1.0
1	H8290	Principles of Business, Marketing & Finance	9-12	1.0
2	H8272	Financial Math	10-12	1.0
3	TBD	Fundamentals of Real Estate (Prerequisite: Prin. of BMF & any Level 2 Course in the Real Estate Pathway)	11-12	2.0
4	H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
4	H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0

 Certification earned: Stukent Social Media Marketing IBC / Entrepreneurship & Small Business IBC

Culinary Arts Pathway



Level	Course #	Course Name	Grades	Credit
1	M3015	Principles of Hospitality & Tourism (Offered at Harris, & Driscoll)	7-8	1.0
2	H8063	Culinary Arts (Prerequisite: Intro. to Culinary Arts, Prin. of Hos. & Tour.)	9-12	2

	3	H8064	Advanced Culinary Arts (Prerequisites: Culinary Arts)	9-12	2.0
	4	H8021	Practicum in Culinary Arts (Prerequisites: Culinary Arts)	12	2.0
	4	H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4	H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0

 Certification earned: ServSafe Food Maager IBC


Public Service Endorsement


Diagnostic & Therapeutic Services Pathway

Level	Course #	Course Name	Grades	Credit	
	1	H8340	Principles of Health Sciences	9-12	1.0
	2	H6757	Medical Terminology (Prerequisites: Prin. of Health Science)	9-12	1.0
	3	H3253	Anatomy & Physiology (Science credit)	10-12	1.0
	3	H8344	Health Science Theory (Prerequisites: Biology, & at least one credit in a course from the Health Sci. career cluster.)	10-12	1.0
	3	H8346	Health Science Clinical (Prerequisites: Principles of Health Science, Medical Terminology, Biology, and Health Science Theory.)	11-12	2.0
	4	H6759	Pathophysiology (Science credit) (Prerequisites: Biology and Chemistry; And 1 course from the Health Science career cluster)	11-12	1.0




 Certification earned: Phlebotomy Technician IBC


Nursing Science Pathway


Level	Course #	Course Name	Grades	Credit
	1 H8340	Principles of Health Sciences	9-12	1.0
	2 H6757	Medical Terminology (Prerequisites: Prin. of Health Science)	9-12	1.0
	3 H3253	Anatomy & Physiology (Science credit) (Prerequisites: one credit in Biology, and one credit in Chemistry,IPC, or Physics.)	10-12	1.0
	3 H8344	Health Science Theory (Prerequisites: Biology, & at least one credit in a course from the Health Sci. career cluster.)	10-12	1.0
	3 H6758	Medical Microbiology (Prerequisites: Biology, Chemistry & at least one credit in a course from the Health Sci. career cluster.)	10-12	1.0
	3 H8346	Health Science Clinical (Prerequisites: Principles of Health Science, Medical Terminology, Biology, and Health Science Theory.)	11-12	2.0
	4 H6759	Pathophysiology (Science credit) (Prerequisites: one credit in Biology, and one credit in Chemistry & at least one credit in a course from the Health Sci. career cluster.)	11-12	1.0

 Certification earned: Phlebotomy Technician IBC

Teaching & Training Pathway




Level	Course #	Course Name	Grades	Credit
	1 M3016	Principles of Human Services (Offered at Driscoll)	7-8	1.0
	1 H6721	Principles of Human Services	9-12	1.0
	2 H6764	Child Development (Prerequisite: Prin. of Human Serv.)	9-12	1.0
	3 H8084	Ready, Set, Teach I (Prerequisites: Prin. of Educ. & Training)	11-12	2.0
	4 H8043	Ready, Set, Teach II (Prerequisite: RST I. recom: Prin. of Edu. & training)	12	2.0
	4 H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4 H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0


 Certification earned: Pre-Professional Certification in Early Childhood Education IBC, Education Aide Level 1 IBC /

 Entrepreneurship & Small Business IBC




Family & Community Services Pathway


Level	Course #	Course Name	Grades	Credit
1	M3016	Principles of Human Services (Offered at Tejeda)	7-8	1.0

	1	H6721	Principles of Human Services	9-12	1.0
	2	H6764	Child Development (Prerequisite: Prin. of Human Serv. or Prin. of Education Training.)	10-12	1.0
	3	H8345	Counseling & Mental Health (Prerequisite: Prin. of Human Serv.)	11-12	1.0
	4	H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4	H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0

 Certification earned: Pre-Professional Certification in Early Childhood Education IBC / Entrepreneurship & Small Business IBC


Law Enforcement Pathway


Level	Course #	Course Name	Grades	Credit	
	1	H8410	Principles of Law, Public Safety, Corrections, & Security	9-12	1.0
	2	H6748	Criminal Investigations (Prerequisite: Prin. of Law,Public Safety, Corrections, & Security)	10-12	1.0
	2	H8413	Law Enforcement I (Prerequisite: Prin. of Law)	10-12	1.0
	3	H8418	Law Enforcement II (Prerequisite: Law Enforcement I)	11-12	1.0
	3	H8345	Counseling & Mental Health (Prerequisite: Prin. of Human Serv.)	11-12	1.0
	4	H8414	Forensic Science (Science Credit) (Prerequisites: one credit in Biology, and one credit in Chemistry,IPC, or Physics.)	11-12	1.0
	4	H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4	H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0

 Certification earned: Emergency Telecommunicator IBC





Engineering and Information Technology Endorsement


Engineering Foundations Pathway

Level	Course #	Course Name	Grades	Credit
	1 M3019	Principles of Applied Engineering (Offered at Harris)	7-8	1.0
	1 M3047	Robotics I (Offered at Harris, & Wood)	7-8	1.0
	1 H8250	Principles of Applied Engineering	9-12	1.0
	2 H8094	Robotics I (Prerequisites: Prin. of Applied Engineering.)	9-10	1.0
	2 H8257	Manufacturing Engineering Tech I (Prerequisites: Prin. of Applied Engineering & Algebra 1)	9-12	1.0
	3 H8252	Engineering Design & Presentation I (Prerequisites: Algebra I, Prin of Applied Engineering)	10-12	1.0
	3 H6768	Robotics II (Prerequisites: Robotics I.)	10-12	1.0
	4 H8258	Engineering Design & Problem Solving (Prerequisites: Algebra I, Geometry, and at least one credit in a Level 2 or higher in the Career Cluster.)	11-12	1.0

 Certification earned: Autodesk Associate Certified User IBC

Programming & Software Development from STEM Pathway

Level	Course #	Course Name	Grades	Credit	
	2	H3005	Computer Science I - Honors (Prerequisite: Algebra I)	9-12	1.0
	3	H3006	Computer Science II-Honors (Prerequisite: Algebra I, Comp. Sci. I, or AP Computer Sci. Prin.)	10-12	1.0
	3	H3010	AP Computer Science A (Prerequisite: Algebra I)	10-12	1.0
	4	H3027	Computer Science III-Honors (Prerequisite: Comp. Sci. II, AP Comp. A)	11-12	1.0
	4	H6745/H8310	Career Preparation I/Extended Career Preparation I (10/15 hrs. Work week)	11-12	2.0/3.0
	4	H6746/H8311	Career Preparation II/Extended Career Preparation II (10/15 hrs. Work week)	12	2.0/3.0

 Certification earned: PCEP - Certified Entry-Level Python Programmer; Information Technology Specialist - JAVA /





Agriculture Magnet Program





Career and Technical Education Electives 2024-2025


Agriculture Business, Leadership, & Communications Pathway

Level	Course #	Course Name	Grades	Credit
	1 M3023	Principle of Agriculture, Food, & Natural Resources	8	1.0
	1 H8261	Principle of Agriculture, Food, & Natural Resources	9-12	1.0
	2 H8280	Agribusiness Mgmt. & Marketing (Prerequisite: Prin. of Ag. Food, & Natural Resources.)	10-12	1.0
	3 H8274	Agriculture Leadership, Research, & Communications (Prerequisite: One credit from the Career Cluster.)	10-12	1.0
	4 H8287	Practicum in Ag., Food, & Natural Resources (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	2.0
	4 H8386	Practicum in Ag., Food, & Natural Resources Extended (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	3.0



 Certification earned: Production Agriculture - Job Ready


Animal Science Pathway

Level	Course #	Course Name	Grades	Credit
	1 H8261	Principle of Agriculture, Food, & Natural Resources	9-12	1.0
	2 H8069	Small Animal Management (Prerequisite: Prin. of Ag. Food, & Natural Resources.)	10-12	0.5
	2 H8266	Equine Science (Prerequisite: Prin. of Ag. Food, & Natural Resources.)	10-12	0.5
	3 H8265	Livestock Production (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	10-12	1.0
	4 H8269	Advanced Animal Science (Science Cr. Prerequisites: Biology & Chemistry or IPC, Algebra I & Geometry, Small Animal Management, Equine Science, or Livestock Production.)	11-12	1.0
	4 H8267	Veterinary Medical Applications (Prerequisites: Small Animal Management, Equine Science, or Livestock Production.)	11-12	1.0
	4 H8287	Practicum in Ag., Food, & Natural Resources (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	2.0
	4 H8386	Practicum in Ag., Food, & Natural Resources Extended (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	3.0

 Certification earned: Elanco Foundations of Animal Science, Elanco Vet Medical Application, Certified Veterinary Asst. Level 1


Food Science Pathway

Level	Course #	Course Name	Grades	Credit
	1 H8261	Principle of Agriculture, Food, & Natural Resources	9-12	1.0
	2 H8262	Food Technology & Safety	10-12	1.0
	3 H8268	Food Processing (Prerequisite: Food Technology & Safety.)	10-12	1.0
	4 H8287	Practicum in Ag., Food, & Natural Resources (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	2.0
	4 H8386	Practicum in Ag., Food, & Natural Resources Extended (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	3.0

 Certification earned: Food Safety & Science, Culinary Meat Selection & Cookery Certification

Environmental & Natural Resources Pathway



Level	Course #	Course Name	Grades	Credit
	1 H8261	Principle of Agriculture, Food, & Natural Resources	9-12	1.0

	2	H8263	Wildlife, Fisheries, & Ecology Mgmt.	9-12	1.0
	3	H8066	Energy & Natural Resource Technology (Prerequisite: One credit from the Career Cluster.)	10-12	1.0
	4	H6771	Advanced Energy & Natural Resources (Prerequisite: One credit from the Career Cluster.)	11-12	1.0
	4	H8287	Practicum in Ag., Food, & Natural Resources (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	2.0
	4	H8386	Practicum in Ag., Food, & Natural Resources Extended (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	3.0



Certification earned: Natural Resources Systems



Plant Science Pathway

Level	Course #	Course Name	Grades	Credit
	1 H8261	Principle of Agriculture, Food, & Natural Resources	9-12	1.0
	2 H8069	Landscape Design & Management	10-12	0.5
	2 H8266	Turf Grass Management	10-12	0.5
	3 H8265	Floral Design (Prerequisite: Prin. of Ag. Food, & Natural Resources.)	9-12	1.0
	4 H8269	Horticultural Science (Prerequisite: One credit from the Career Cluster.)	10-12	1.0
	4 H8267	Advanced Floral Design (Science Cr. Prerequisite: Floral Design.)	11-12	1.0
	4 H8287	Practicum in Ag., Food, & Natural Resources (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	2.0
	4 H8386	Practicum in Ag., Food, & Natural Resources Extended (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	3.0



Certification earned: TSFA Floral Knowledge Base, TSFA Floral Level 1, TSFA Floral Level 2

Agricultural Technology & Mechanical Systems Pathway

Level	Course #	Course Name	Grades	Credit
	1 H8261	Principle of Agriculture, Food, & Natural Resources	9-12	1.0
	2 H8283	Agricultural Mechanics & Metal Technologies (Prerequisite: Prin. of Ag. Food, & Natural Resources.)	10-12	1.0
	3 H8282	Agricultural Structures Design & Fab. (Prerequisite: Agricultural Mechanics & Metal Tech.)	11-12	1.0
	3 H6772	Agricultural Equipment Design & Fab. (Prerequisite: Agricultural Mechanics & Metal Tech.)	11-12	1.0
	3 H8284	Agricultural Power Systems (Prerequisite: Prin. of Ag. Food, & Natural Resources.)	10-12	2.0
	4 H8287	Practicum in Ag., Food, & Natural Resources (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	2.0
	4 H8386	Practicum in Ag., Food, & Natural Resources Extended (Prerequisite: 2 Credits with one in a Level 2 or higher course.)	11-12	3.0



Certification earned: AWS D9 1 Sheety Metal Welding, AWS D1 1 Structural Steel




CTEC

Career and Technical Education Center



Electrical Pathway

Level	Course #	Course Name	Grades	Credit	
	1	H6763Cx	Principles of Construction (Sem. 1)	9-12	1.0
	1	H8154x	Electrical Technology I (Sem. 2)	9-12	1.0
	2	H8155x	Electrical Tech. II	10-12	2.0

3	H8078x	Practicum in Construction Tech I	11-12	2.0
4	H8166x	Practicum in Construction Tech II	12	2.0



Certification earned: NCCER Core IBC

Carpentry Pathway

Level	Course #	Course Name	Grades	Credit
	1 H6763Cx	Principles of Construction (Sem. 1)	9-12	1.0
	1 H8243x	Construction Tech. I (Sem. 2)	9-12	2.0
	2 H8244x	Construction Tech. II	10-12	2.0
	3 H8078x	Practicum in Construction Tech I	11-12	2.0
	4 H8166x	Practicum in Construction Tech II	12	2.0



Certification earned: NCCER Core IBC / NCEER Carpentry Level 1 IBC / NCCER Carpentry Level 2 IBC

HVAC Pathway

Level	Course #	Course Name	Grades	Credit
	1 H6763Cx	Principles of Construction (Sem. 1)	9-12	1.0
	1 H8249x	HVAC Technology I (Sem. 2)	9-12	1.0
	2 H8295x	HVAC Technology II	10-12	2.0
	3 H8078x	Practicum in Construction Tech I	11-12	2.0
	4 H8166x	Practicum in Construction Tech II	12	2.0



Certification earned: NCCER Core IBC / Refrigerant Handling (EPA 608) IBC

Plumbing Pathway

Level	Course #	Course Name	Grades	Credit
	1 H6763Cx	Principles of Construction (Sem. 1)	9-12	1.0
	1 H8241x	Plumbing Technology I (Sem. 2)	9-12	1.0
	2 H8242x	Plumbing Technology II	10-12	2.0
	3 H8078x	Practicum in Construction Tech I	11-12	2.0
	4 H8166x	Practicum in Construction Tech II	12	2.0



Certification earned: NCCER Core IBC

Welding Pathway





Level	Course #	Course Name	Grades	Credit
	1 H8173x	Introduction to Welding (Sem. 1)	9-12	1.0
	1 H8174x	Welding Technology I (Sem. 2)	9-12	2.0
	2 H8175x	Welding Technology II	10-12	2.0
	3 H8179x	Practicum in Welding I	11-12	2.0
	4 H8180x	Practicum in Welding II	12	2.0




Certification earned: NCCER Core IBC / AWS D1.1 Sheet Metal Welding IBC / AWS D9.1 Sheet Metal Welding IBC

Diagnostic & Therapeutic Services Pathway



Level	Course #	Course Name	Grades	Credit
	1 H8340	Principles of Health Science	9-12	1.0
	2 H6757	Medical Terminology (Prerequisites: Prin. of Health Science)	9-12	1.0
	3 H3253	Anatomy & Physiology (Science credit) (Prerequisites: one credit in Biology, and one credit in Chemistry, IPC, or Physics.) (Recommended: One credit from the Health Sci. Pathway.)	10-12	1.0
	3 H8392	Dental Anatomy & Physiology (Dental A) (Sem. 1)	11-12	1.0
	3 H8390	Dental Equipment & Proc. (Dental B) (Sem. 2)	12	1.0
	3 H8344	Health Science Theory (Prerequisites: Biology, & at least one credit in a course from the Health Sci. career cluster.)	10-12	1.0


	3	H8346	Health Science Clinicals	9-12	2.0
	3	H6758	Medical Microbiology (Prerequisites: Biology, Chemistry & at least one credit in a course from the Health Sci. career cluster.	10-12	1.0
	4	H8360	Certified Medical Assistant	11-12	2.0
	4	H8354	Emergency Medical Technician	12	2.0
	4	H6759	Pathophysiology (Science credit) (Prerequisites: Biology and Chemistry; And 1 credit in a Level 2 or higher from the Health Science career cluster)	11-12	2.0
	4	H3254	Pharmacy Technician	9-12	2.0

 Certification earned: Registered Dental Asst. X-Ray IBC / Phlebotomy Technician IBC / Certified Clinical Medical Asst. IBC /



Emergency Medical Technician IBC / Pharmacy Technician IBC


Automotive & Collision Repair Pathway

Level	Course #	Course Name	Grades	Credit	
	1	H8126x	Small Engine Technology I (Sem. 1)	9-12	1.0
	1	H7777x	Automotive Basics (Sem. 2)	9-12	1.0
	2	H8112x	Automotive Technology I	10-12	2.0
	3	H8113x	Automotive Technology II	11-12	2.0
	4	H8114x	Practicum in Transportation Systems	12	2.0

 Certification earned: ASE Refrigerant Recovery & Recycling IBC / ASE Entry Level-Auto Maintenance & Light Repair IBC

Diesel, Heavy Equipment Maintenance, & Commercial Drivers Pathway

Level	Course #	Course Name	Grades	Credit
	1 H8190x	Occupational Safety & Environmental Tech I (Sem. 1)	9-12	1.0
	1 H6734x	Principles of Transportation Systems (Sem. 2)	9-12	1.0
	2 H6774x	Diesel Technology I	10-12	2.0
	3 H6775x	Diesel Technology II	11-12	2.0
	4 H8114x	Practicum in Transportation Systems	12	2.0





 Certification earned: ASE Refrigerant Recovery & Recycling IBC / ASE Entry Level-Medium/Heavy, Diesel Engines IBC



iCSI
Institute of Cybersecurity



Institute of Cybersecurity & Innovation Pathway

Level	Course #	Course Name	Grades	Credit
	1 H6658	Computer Maintenance (Cyber 1A)	9-12	1.0
	1 H6766	Principles of Cybersecurity (Cyber 1B)	9-12	1.0
	2 H6756	Networking with Lab (Cyber 2)	10-12	2.0
	3 H6794	Cybersecurity Capstone (Cyber 3A)	11-12	2.0
	3 H6785	Adv. Cloud Computing (Cyber 3B)	12	2.0
	4 H6698	Practicum in Information Tech (Cyber 4)	12	2.0

 Certification earned: Comp TIA IT Fundamentals IBC / Comp TIA Networking + IBC / Comp TIA Security + IBC / Cisco 200-201 CBROPS I