

CTE PATHWAYS AT AMES (2025-26)

<p>ENGINEERING</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Computer Programming 1 - 0.5 ● Electronics, Intro - 0.5 ● Engineering Principles 1 - 0.5 ● Engineering Technology - 0.5 ● Robotics 1 - 0.5 ● Woods 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Engineering Principles 2 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Advanced Manufacturing and Engineering</p>	<p>MANUFACTURING AND PRODUCTION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Woods 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Woods 2 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> ● Woods 3 - 0.5 ● CTE Internship - 0.5 <p>Advanced Manufacturing and Engineering</p>	<p>FASHION APPAREL AND TEXTILES</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Fashion Design Studio - 0.5 ● Sport and Outdoor Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Arts, Entertainment and Design</p>
<p>GRAPHIC DESIGN AND COMMUNICATION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Commercial Art 1 - 0.5 ● Commercial Photo 1 - 0.5 ● Graphic Print Design 1 - 0.5 ● Interior Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Commercial Photo 2 - 0.5-1* <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Arts, Entertainment and Design</p>	<p>BUSINESS</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Accounting 1 CE - 0.5 ● Business Law - 0.5 ● Business Office Specialist - 0.5 ● Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Business Management CE - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Financial Services</p>	<p>ARCHITECTURAL AND INTERIOR DESIGN</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Interior Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Construction</p>

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<p>CYBERSECURITY</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Computer Programming 1 - 0.5 • Computer Science Principles AP - 1.0 • Exploring Computer Science - 0.5 • Information Technology, Intro - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Principles of Cyber Defense and Ethics - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Digital Technology</p>	<p>INFORMATION TECHNOLOGY SYSTEMS</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Computer Programming 1 - 0.5 • Computer Science Principles AP - 1.0 • Exploring Computer Science - 0.5 • Information Technology, Intro - 0.5 • Robotics 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Computer Systems 1 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Digital Technology</p>	<p>PROGRAMMING AND SOFTWARE DEVELOPMENT</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Computer Programming 1 - 0.5 • Computer Science Principles AP - 1.0 • Exploring Computer Science - 0.5 • Information Technology, Intro - 0.5 • Robotics 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Computer Programming 2 - 0.5 • Game Development Fundamentals - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • Computer Programming, Advanced - 1.0 • CTE Internship - 0.5 <p>Digital Technology</p>
<p>PRE-K: EARLY CHILDHOOD EDUCATION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Child Development - 0.5 • Early Childhood Education 1 - 0.5 • Food and Nutrition - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Education</p>	<p>K-12: TEACHING AS A PROFESSION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Teaching as a Profession - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Aspiring Educators - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • K-12 Teaching as a Profession Capstone - 0.5 • Principles of Educational Instruction - 0.5 • CTE Internship - 0.5 <p>Education</p>	<p>FINANCE</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Accounting 1 CE - 0.5 • Business Law - 0.5 • Business Office Specialist - 0.5 • Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Accounting 2 CE - 0.5 • Investing and Wealth Management - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Financial Services</p>

CTE PATHWAYS AT AMES (2025-26)

<p>HEALTH SCIENCE</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Medical Terminology CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Medical Anatomy and Physiology - 1.0 <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Health Science and Human Services</p>	<p>HOSPITALITY AND TOURISM</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Accounting 1 CE - 0.5 ● Business Law - 0.5 ● Business Office Specialist - 0.5 ● Culinary 1 - 0.5 ● Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Hospitality, Events and Tourism</p>	<p>AUTOMOTIVE</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Automotive, Introduction - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● ASE Chassis MLR - 0.5 ● ASE Engine MLR - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Supply Chain and Transportation</p>
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<p>ENGINEERING</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Computer Programming 1 - 0.5 ● Electronics, Intro - 0.5 ● Engineering Principles 1 - 0.5 ● Engineering Technology - 0.5 ● Robotics 1 - 0.5 ● Woods 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Engineering Principles 2 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Advanced Manufacturing and Engineering</p>	<p>MANUFACTURING AND PRODUCTION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Woods 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Woods 2 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> ● Woods 3 - 0.5 ● CTE Internship - 0.5 <p>Advanced Manufacturing and Engineering</p>	<p>FASHION APPAREL AND TEXTILES</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Fashion Design Studio - 0.5 ● Sport and Outdoor Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Arts, Entertainment and Design</p>
<p>GRAPHIC DESIGN AND COMMUNICATION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Commercial Art 1 - 0.5 ● Commercial Photo 1 - 0.5 ● Graphic Print Design 1 - 0.5 ● Interior Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Commercial Photo 2 - 0.5-1* <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Arts, Entertainment and Design</p>	<p>BUSINESS</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Accounting 1 CE - 0.5 ● Business Law - 0.5 ● Business Office Specialist - 0.5 ● Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● Business Management CE - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Financial Services</p>	<p>ARCHITECTURAL AND INTERIOR DESIGN</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> ● Interior Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> ● <p>Completer Courses</p> <ul style="list-style-type: none"> ● CTE Internship - 0.5 <p>Construction</p>

CTE PATHWAYS AT AMES (2026-27)

<p>CYBERSECURITY</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Computer Programming 1 - 0.5 • Computer Science Principles AP - 1.0 • Exploring Computer Science - 0.5 • Information Technology, Intro - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Principles of Cyber Defense and Ethics - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Digital Technology</p>	<p>INFORMATION TECHNOLOGY SYSTEMS</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Computer Programming 1 - 0.5 • Computer Science Principles AP - 1.0 • Exploring Computer Science - 0.5 • Information Technology, Intro - 0.5 • Robotics 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Computer Systems 1 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Digital Technology</p>	<p>PROGRAMMING AND SOFTWARE DEVELOPMENT</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Computer Programming 1 - 0.5 • Computer Science Principles AP - 1.0 • Exploring Computer Science - 0.5 • Information Technology, Intro - 0.5 • Robotics 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Computer Programming 2 - 0.5 • Game Development Fundamentals - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • Computer Programming, Advanced - 1.0 • CTE Internship - 0.5 <p>Digital Technology</p>
<p>PRE-K: EARLY CHILDHOOD EDUCATION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Child Development - 0.5 • Early Childhood Education 1 - 0.5 • Food and Nutrition - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Education</p>	<p>K-12: TEACHING AS A PROFESSION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Teaching as a Profession - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Aspiring Educators - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • K-12 Teaching as a Profession Capstone - 0.5 • Principles of Educational Instruction - 0.5 • CTE Internship - 0.5 <p>Education</p>	<p>FINANCE</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Accounting 1 CE - 0.5 • Business Law - 0.5 • Business Office Specialist - 0.5 • Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Accounting 2 CE - 0.5 • Investing and Wealth Management - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Financial Services</p>

CTE PATHWAYS AT AMES (2026-27)

<p>HEALTH SCIENCE</p> <p>Explorer Courses</p> <ul style="list-style-type: none">• Medical Terminology CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none">• Medical Anatomy and Physiology - 1.0 <p>Completer Courses</p> <ul style="list-style-type: none">• CTE Internship - 0.5 <p>Health Science and Human Services</p>	<p>HOSPITALITY AND TOURISM</p> <p>Explorer Courses</p> <ul style="list-style-type: none">• Accounting 1 CE - 0.5• Business Law - 0.5• Business Office Specialist - 0.5• Culinary 1 - 0.5• Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none">• <p>Completer Courses</p> <ul style="list-style-type: none">• CTE Internship - 0.5 <p>Hospitality, Events and Tourism</p>	<p>AUTOMOTIVE</p> <p>Explorer Courses</p> <ul style="list-style-type: none">• Automotive, Introduction - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none">• ASE Chassis MLR - 0.5• ASE Engine MLR - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none">• CTE Internship - 0.5 <p>Supply Chain and Transportation</p>
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CTE PATHWAYS AT AMES (2024-25)

<p>ARCHITECTURAL AND INTERIOR DESIGN</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> Interior Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> <p>Completer Courses</p> <ul style="list-style-type: none"> CTE Internship - 0.5 <p>Architecture and Construction</p>	<p>FASHION APPAREL AND TEXTILES</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> Fashion Design Studio - 0.5 Sport and Outdoor Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> <p>Completer Courses</p> <ul style="list-style-type: none"> CTE Internship - 0.5 <p>Arts, Audio/Visual Technology and Communications</p>	<p>GRAPHIC DESIGN AND COMMUNICATION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> Commercial Art 1 - 0.5 Graphic Print Design 1 - 0.5 Interior Design 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> Commercial Photo 1 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> Commercial Photo 2 - 0.5-1* CTE Internship - 0.5 <p>Arts, Audio/Visual Technology and Communications</p>
<p>BUSINESS</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> Accounting 1 CE - 0.5 Business Law - 0.5 Business Office Specialist - 0.5 Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> Business Management CE - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> CTE Internship - 0.5 <p>Business, Finance and Marketing</p>	<p>FINANCE</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> Accounting 1 CE - 0.5 Business Law - 0.5 Business Leadership 1 CE - 0.5 Business Office Specialist - 0.5 Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> Accounting 2 CE - 0.5 Investing and Wealth Management - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> CTE Internship - 0.5 <p>Business, Finance and Marketing</p>	<p>INFORMATION TECHNOLOGY SYSTEMS</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> AP Computer Science Principles - 1.0 Computer Programming 1 - 0.5 Exploring Computer Science - 0.5 Information Technology Intro - 0.5 Robotics 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> Computer Systems 1 - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> CTE Internship - 0.5 <p>Computer Science and Information Technology</p>

<p>PROGRAMMING AND SOFTWARE DEVELOPMENT</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • AP Computer Science Principles - 1.0 • Computer Programming 1 - 0.5 • Exploring Computer Science - 0.5 • Information Technology Intro - 0.5 • Robotics 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Computer Programming 2 - 0.5 • Game Development Fundamentals - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • Computer Programming, Advanced - 1.0 • CTE Internship - 0.5 <p>Computer Science and Information Technology</p>	<p>PRE-K: EARLY CHILDHOOD EDUCATION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Child Development - 0.5 • Early Childhood Education 1 - 0.5 • Food and Nutrition - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Education and Training</p>	<p>K-12: TEACHING AS A PROFESSION</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Teaching as a Profession - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Aspiring Educators - 0.5 <p>Completer Courses</p> <ul style="list-style-type: none"> • Principles of Educating Instruction - 0.5 • CTE Internship - 0.5 <p>Education and Training</p>
<p>ENGINEERING</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Electronics 1 - 0.5 • Robotics 1 - 0.5 • Woods 1 - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Engineering and Technology</p>	<p>HEALTH SCIENCE</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Medical Terminology CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • Medical Anatomy and Physiology - 1.0 <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Health Science</p>	<p>HOSPITALITY AND TOURISM</p> <p>Explorer Courses</p> <ul style="list-style-type: none"> • Accounting 1 CE - 0.5 • Business Law - 0.5 • Business Office Specialist - 0.5 • Culinary 1 - 0.5 • Marketing 1 CE - 0.5 <p>Concentrator Courses</p> <ul style="list-style-type: none"> • <p>Completer Courses</p> <ul style="list-style-type: none"> • CTE Internship - 0.5 <p>Hospitality and Tourism</p>

MANUFACTURING AND PRODUCTION

Explorer Courses

- Woods 1 - 0.5

Concentrator Courses

- Woods 2 - 0.5

Completer Courses

- CTE Internship - 0.5
- Woods 3 - 0.5

Manufacturing

AUTOMOTIVE

Explorer Courses

- Automotive, Introduction - 0.5

Concentrator Courses

- ASE Engine - MLR - 0.5

Completer Courses

- CTE Internship - 0.5

Transportation, Distribution and Logistics