CTE Programs of Study Course Information Overview

Austin High School
2025-2026

1. Cluster: Arts, Audio Visual Technology, & Communications
Program of Study: Graphic Design and Interactive Media

Endorsement: Business and Industry

Level 1	Level 2	Level 3	Level 4
Digital Design & Media Production (7006.HT00.Y) **PEIMS Coding 3580400** (1 credit)	**Graphic Design & Illustration I** (8514.HT00.Y) **PEIMS Coding 13008800** (1 credit)	**Animation I** (8501.HA00.Y) **PEIMS Coding 13008300** (1 credit) **Adobe Certified Professional: Adobe After Effects Certification**	**Animation II** (8520.HA00.Y) **PEIMS Coding 13008400** (1 credit)

Program of Study: Graphic Design and Interactive Media

Level 1	Level 2	Level 3	Level 4
Digital Design & Media Production (7006.HT000.Y) **PEIMS Coding 3580400** (1 credit)	**Graphic Design & Illustration I** (8514.HT00.Y) **PEIMS Coding 13008800** (1 credit)	**Graphic Design & Illustration II** (8524.HA00.Y) **PEIMS Coding 13008900** (1 credit) *Adobe Certified Professional: **Adobe Photoshop Certification Adobe Illustrator Certification Adobe InDesign Certification**	**Practicum in Graphic Design & Illustration** (First Time Taken) (8516.HA00.Y) **PEIMS Coding 13009000** (2 credits) OR **Independent Study in Technology Applications** (7110.HA00.Y) **PEIMS Coding 3580900** (1 credit)

Program of Study: Digital Communications

Level 1	Level 2	Level 3	Level 4
Audio Video Production I (8511.HT00.Y) **PEIMS Coding 13008500** (1 credit)	**Audio Video Production II** (8521.HA00.Y) **PEIMS Coding 13008600** (1 credit)	**Practicum in Audio/Video Production** (First Time Taken) (8513.HA00.Y) **PEIMS Coding 13008700** (2 credits) **Adobe Certified Professional In Digital Video Using Adobe Premiere Pro Certification**	**Practicum in Audio/Video Production** (Second Time Taken) (8523.HA00.Y) **PEIMS Coding 13008710** (2 credits)

2. Cluster: Business, Marketing, and Finance
Program of Study: Business Management

Endorsement: Business and Industry

Level 1	Level 2	Level 3	Level 4
Foundations of Business Communication and Technologies (8610.HT00.Y) **PEIMS Coding 13011400** (1 credit)	**Entrepreneurship I** (8660.HT00.Y) **PEIMS Coding 13011101** (1 credit)	**Business Management** (8607.HA00.Y) **PEIMS Coding 13012100** (1 credit) **ESB Entrepreneurship and Small Business**	**Practicum in Entrepreneurship** (8664.HA00.Y) **PEIMS Coding 13011111** (2 credits)

3. Cluster: Education and Training
Program of Study: Teaching and Training

Endorsement: Public Service

Level 1	Level 2	Level 3	Level 4
Principles of Education & Training (8640.R000.Y) **PEIMS Coding 13014200** (1 credit)	**Human Growth & Development** (8643.HT00.Y) **PEIMS Coding 13014300** (1 credit)	**Instructional Practices** (8642.HA00.Y) **PEIMS Coding 13014400** (2 credits)	**Practicum in Education and Training** (8641.HA00.Y) **PEIMS Coding 13014500** (2 credits) **Educational Aide Certification**

4.	Cluster: Engineering			
	Program of Study: Engineering Foundations			
	Endorsement: Science, Technology, Engineering, and Mathematics (STEM) OR Business and Industry			
	Level 1	**Level 2**	**Level 3**	**Level 4**
	Engineering Design Process (8750.HA00.Y) **PEIMS Coding 12756001** (1 credit)	**Engineering Science** (8733.HA00.Y) **PEIMS Coding 13037500** (1 credit)	**Architectural Engineering** (8751.HA00.Y) **PEIMS Coding 12756065** (2 credits) **Engineering Technology Foundations**	**Practicum in Engineering** (First Time Taken) (8741.HA00.Y) **PEIMS Coding 12756080** (2 credits) AND/OR **Engineering Design & Problem Solving** (8732.HA00.Y) **PEIMS Coding 13037300** (1 credit)

5.	Cluster: Health Science			
	Program of Study: Biomedical Science			
	Endorsement: Public Service OR Science, Technology, Engineering, and Mathematics (STEM)			
	Level 1	**Level 2**	**Level 3**	**Level 4**
	Principles of Biomedical Science (PLTW) (8225.HT00.Y) **PEIMS Coding N1302092** (1 credit)	**Human Body Systems (PLTW)** (8226.HT00.Y) **PEIMS Coding N1302093** (1 credit)	**Medical Interventions (PLTW)** (8227.HT00.Y) **PEIMS Coding N1302094** (1 credit) **Bioscience Core Skills Institute Certification**	**Scientific Research & Design** (8761.HA00.Y) **PEIMS Coding 13037200** (1 credit) AND/OR **Anatomy & Physiology** (8217.HA00.Y) **PEIMS Coding 13020600** (1 credit)

6.	Cluster: Hospitality and Tourism			
	Program of Study: Culinary Arts			
	Endorsement: Business and Industry			
	Level 1	**Level 2**	**Level 3**	**Level 4**
	Introduction to Culinary Arts (8414.HT00.Y) **PEIMS Coding 13022550** (1 credit)	**Culinary Arts** (8415.HA00.Y) **PEIMS Coding 13022600** (2 credits)	**Advanced Culinary Arts** (8416.HA00.Y) **PEIMS Coding 13022650** (2 credits) **ServSafe Manager Certification Food Protection Manager Certification**	**Practicum in Entrepreneurship** (8664.HA00.Y) **PEIMS Coding 13011111** (2 credits)

7.	Cluster: Information Technology			
	Program of Study: Cybersecurity			
	Endorsement: Business and Industry			
	Level 1	**Level 2**	**Level 3**	**Level 4**
	Computer Science I (7010.HA00.Y) **PEIMS Coding 3580200** (1 credit)	**AP Computer Science Principles** (7616.P000.Y) **PEIMS Coding A3580300** (1 credit)	**AP Computer Science A - Math** (7610.P00M.Y) **PEIMS Coding A3580110** (1 credit) **Code HS - Python Certification**	**Cybersecurity Capstone** (8754.HA00.Y) **PEIMS Coding 3580855** (1 credit)

8.	Meets Mathematics High School Graduation Requirements			
	AP Computer Science A - Math (7610.P00M.Y) **PEIMS Coding A3580110** (1 Credit)			

9.	Meets Science High School Graduation Requirements			
	Engineering Design & Problem Solving (8732.HA00.Y) **PEIMS Coding 13037300** (1 credit)		**Scientific Research & Design** (8761.HA00.Y) **PEIMS Coding 13037200** (1 credit)	**Anatomy and Physiology** (8217.HA00.Y) **PEIMS Coding 13020600** (1 credit)

10.	Elective Only			
	Money Matters (8112.HT00.Y) **PEIMS Coding 13016200** (1 Credit)		**Cybersecurity Capstone** (8754.HA00.Y) **PEIMS Coding 3580855** (1 Credit)	

ACC ARTICULATED COURSES
"HT" Course Numbers*: course available for articulation with ACC and student enrolled is a 9th or 10th grader; weighted credit
(Project Lead the Way courses only use 'HT' numbers)

AND

"H0" Course Numbers*: course available for articulation with ACC and student enrolled is an 11th or 12th grader; weighted credit

CTE ADVANCED COURSES
"HA" Course Numbers: advanced courses in the program of study selected for an endorsement

* Adobe Certified Professional - (Program specific based on selected curriculum)
* Not all certifications may be offered in the pathway