

WORKING DRAFT CTE Clusters, Endorsements and Pathways

Austin High School

2019 - 2020

Note: Successful completion of one of the AISD approved pathways below is required to earn the endorsement identified.

Code 2: two or more courses for three or more credits in an approved coherent sequence

Italicized: courses that are eligible for articulated credit (requires successful completion of college requirements)

Quotations: advanced courses in the career pathway selected for an endorsement

1. Arts, A/V Technology & Communication - Endorsement: Business & Industry

Career Pathway: Animation

Year 1	Year 2	Year 3	Year 4
Graphic Design & Illustration 1 w/ Lab (8279.HT1C.Y) (2 credits/1 block) Grades 9-10	"Graphic Design & Illustration 2 w/ Lab" (8283.HT1C.Y) (2 credits/1 block) Grades 10-12	Animation 1 w/ Lab (8254.HT1C.Y) (2 credits/1 block) Grades 11-12	"Animation 2 w/ Lab" (8257.HT1C.Y) (2 credits/1 block) Grade 12

Career Pathway: Audio, Video Technology and Film

Year 1	Year 2	Year 3	Year 4
Principles of Arts, A/V Technology and Communications (8250.RC0C.Y) (1 credit) Grades 9-10	Audio/Video Production 1 w/ Lab (8264.HT0C.Y) (2 credits/1 block) Grades 10-11	"Audio/Video Production 2 w/ Lab" (8270.HT1C.Y) (2 credits/1 block) Grades 11-12	"Practicum in Audio/Video Prod. 1" (8274.HA0C.Y) (2 credits) Grade 12

Career Pathway: Commercial Photography

Year 1	Year 2	Year 3	Year 4
Graphic Design & Illustration 1 w/ Lab (8279.HT1C.Y) (2 credits/1 block) Grades 9-10	"Graphic Design & Illustration 2 w/ Lab" (8283.HT1C.Y) (2 credits/1 block) Grades 10-12	Commercial Photography 1 w/ Lab (8285.HT1C.Y) (2 credits/1 block) Grades 11-12	"Commercial Photography 2 w/ Lab" (8287.HA0C.Y) (2 credits/1 block) Grade 12

Career Pathway: Graphic Design

Year 1	Year 2	Year 3	Year 4
Graphic Design & Illustration 1 w/ Lab (8279.HT1C.Y) (2 credits/1 block) Grades 9-10	"Graphic Design & Illustration 2 w/ Lab" (8283.HT1C.Y) (2 credits/1 block) Grades 10-12 OR Commercial Photography 1 w/ Lab (8285.HT1C.Y) (2 credits/1 block) Grades 10-12	"Graphic Design & Illustration 2 w/ Lab" (8283.HT1C.Y) (2 credits/1 block) Grades 10-12 OR Commercial Photography 1 w/ Lab (8285.HT1C.Y) (2 credits/1 block) Grades 10-12	

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Career Pathway: Graphic Design - Newspaper			
Year 1	Year 2	Year 3	Year 4
<p>Graphic Design & Illustration 1 w/ Lab - Newspaper (8276.HT3C.Y) (2 credits/1 block) Grades 9-10</p>	<p>"Graphic Design & Illustration 2 w/ Lab - Newspaper" (8283.HT3C.Y) (2 credits/1 block) Grades 10-12 OR Commercial Photography 1 w/ Lab (8285.HT1C.Y) (2 credits/1 block) Grades 10-12</p>	<p>"Graphic Design & Illustration 2 w/ Lab - Newspaper" (8283.HT3C.Y) (2 credits/1 block) Grades 10-12 OR Commercial Photography 1 w/ Lab (8285.HT1C.Y) (2 credits/1 block) Grades 10-12</p>	<p>Optional: Journalism Independent Study (non-CTE)</p>

Career Pathway: Graphic Design - Yearbook			
Year 1	Year 2	Year 3	Year 4
<p>Graphic Design & Illustration 1 w/ Lab - Yearbook (8276.HT2C.Y) (2 credits/1 block) Grades 9-10</p>	<p>"Graphic Design & Illustration 2 w/ Lab - Yearbook" (8283.HA2C.Y) (2 credits/1 block) Grades 10-12 OR Commercial Photography 1 w/ Lab (8285.HT1C.Y) (2 credits/1 block) Grades 10-12</p>	<p>"Graphic Design & Illustration 2 w/ Lab - Yearbook" (8283.HA2C.Y) (2 credits/1 block) Grades 10-12 OR Commercial Photography 1 w/ Lab (8285.HT1C.Y) (2 credits/1 block) Grades 10-12</p>	<p>Optional: Journalism Independent Study (non-CTE)</p>

2. Business Management & Administration - Endorsement: Business & Industry

Career Pathway: Business Management / Entrepreneurship			
Year 1	Year 2	Year 3	Year 4
<p>Business Information Mgmt. 1 (8322.HT1C.Y) (1 credit) Grades 9-10 MOS - Excel, PowerPoint, Word Certification</p>	<p>Principles of Business, Marketing and Finance (8318.HT0C.Y) (1 credit) Grades 9-10 OR Virtual Business (8338.RC0C.X) (0.5 credit) Grades 10-12 AND Global Business (8334.HT0C.X) (0.5 credit) Grades 10-12</p>	<p>Entrepreneurship (8654.HT1C.Y) (1 credit) Grades 11-12 OR Virtual Business (8338.RC0C.X) (0.5 credit) Grades 10-12 AND Global Business (8334.HT0C.X) (0.5 credit) Grades 10-12</p>	<p>"Business Management" (8340.HA0C.Y) (1 credit) Grade 12 (must be completed for endorsement)</p>

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3. Health Science - Endorsement: Public Services Career Pathway: Biomedical Science

Year 1	Year 2	Year 3	Year 4
<p>Principles of Biomedical Science (8434.HT0C.Y) (1 credit) Grades 9-10</p>	<p>"Human Body Systems" (8436.HT0C.Y) (1 credit) Grades 10-11</p>	<p>"Medical Interventions" (8438.HT0C.Y) (1 credit) Grades 11-12 CPR w/ AED & First Aid Certification</p>	<p>"Project-Based Research: Biomedical Science (UT-Austin HRI)" (8920.H900.Y/8920.NC10.Y) (1 credit) Grade 12</p>

4. Hospitality & Tourism - Endorsement: Business & Industry Career Pathway: Culinary Arts

Year 1	Year 2	Year 3	Year 4
<p>Business Information Mgmt. 1 (8322.HT1C.Y) (1 credit) Grades 9-10 MOS - Excel, PowerPoint, Word Certification</p>	<p>Introduction to Culinary Arts (8450.HT0C.Y) (1 credit) Grade 10</p>	<p>Culinary Arts (8454.HT1C.Y) (2 credits) Grades 11-12 ServSafe Manager Certification TX Food Handlers Certification</p>	<p>"Practicum in Culinary Arts 1" (8456.HA0C.Y) (2 credits) Grade 12 Texas Alcoholic Beverage Commission Certification</p>

5. Science, Technology, Engineering & Mathematics - Endorsement: STEM Career Pathway: Engineering

Year 1	Year 2	Year 3	Year 4
<p>Intro to Engineering Design (PLTW) (8760.HT0C.Y) (1 credit) Grades 9-10 Autodesk Inventor Certified User</p>	<p><u>If Algebra 1, Biology & IPC/Chemistry or Physics requirements met:</u> "Engineering Science" (POE-PLTW) (8762.HT0C.Y) (1 credit) Grades 10-11</p>	<p>"Civil Engineering and Architecture" (PLTW) (8768.HT0C.Y) (1 credit) Grade 11 Autodesk Revit Architecture Certified Professional OR <u>If Algebra 1 and Geometry requirements met:</u> "Digital Electronics" (PLTW) (8764.HT0C.Y) (1 Credit) Grades 11-12</p>	<p><u>If Algebra 1 and Geometry requirements met:</u> "Engineering Design and Problem Solving" (EDD-PLTW) (8730.HC2C.Y) (1 credit) Grade 12</p>

6. Electives Only (Does not count towards an endorsement as identified in this document)

<p><u>If Biology and 2nd science requirements met:</u> Anatomy & Physiology (8426.HC0C.Y) (1 credit) Grades 11-12</p>	<p><u>If Algebra 1, Biology & IPC/Chemistry or Physics requirement met:</u> Scientific Research/Design 3- (UT Austin-HRI) UTNSC 309 8724.H900.Y/8724.NC10.Y (1 credit) Grades 10-12</p>	<p>Digital Media (8548.HT1C.Y) (1 credit) Grades 9-12</p>	<p>Web Technologies (8550.HT1C.Y) (1 credit) Grades 10-12</p>
<p>Human Growth and Development (8352.HT0C.Y) (1 credit) Grades 9-12</p>			