

# HALL COUNTY SCHOOLS CAREER ACADEMIC PATHWAYS



## ENGLISH LANGUAGE ARTS

### AC-Audio-Video Technology and Film Pathway I-A (C, J, W)

**High Demand Career Description:** Editors

**Criteria:**

- Student earns credit in one of the following English Language Arts courses:
  - 23.03400 – Advanced Composition
  - 23.03200 – Journalism I
  - 23.03300 – Journalism II
  - 23.03500 – Journalism III
  - 23.03600 – Journalism IV
  - 23.03000 (formerly 52.09200) – Dramatic Writing (Film, Television, and Theatre I)
- 10.51810 – Audio-Video Technology & Film
- 10.51910 – Audio-Video Technology & Film II

### AC-Audio-Video Technology and Film Pathway I-B (C, J, W)

**High Demand Career Description:** Writers and Authors

**Criteria:**

- Student earns credit in one of the following English Language Arts courses:
  - 23.03400 – Advanced Composition
  - 23.03200 – Journalism I
  - 23.03300 – Journalism II
  - 23.03500 – Journalism III
  - 23.03600 – Journalism IV
  - 23.03000 (formerly 52.09200) – Dramatic Writing (Film, Television, and Theatre I)
  - 23.04200 – Oral/Written Communication (Speech)
- 10.51810 – Audio-Video Technology & Film
- 10.51910 – Audio-Video Technology & Film II

## MATHEMATICS

### AC – Engineering and Technology Pathway (CB, F, N)

**High Demand Career Description:** Engineers – Aerospace, Civil, Electrical, Industrial, Mechanical

**Criteria:**

- Student earns credit in one of the following Mathematics courses:
  - 27.08410 – Precalculus
  - 27.07800 – Calculus
  - 27.08000 – Engineering Calculus
  - 27.07200 – Advanced Placement Calculus AB
  - 27.07300 – Advanced Placement Calculus BC
  - 27.07700 – Multivariable Calculus
  - 27.07520 – Differential Equations
  - 27.08800 – Statistical Reasoning
  - 27.07400 – Advanced Placement Statistics
- 21.42500 – Foundations of Engineering & Technology
- 21.47100 -- Engineering Concepts

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SCIENCE	
AC-Therapeutic Services Allied Health (C, E, F, J, N, VP, W)	AC-Veterinary Science (E, N)
<p><b>High Demand Career Description:</b> Physicians - Family Medicine, General Internal Medicine, All Other; Physician Assistants; Nurse Practitioners; Registered Nurses</p> <p><b>Criteria:</b></p> <ul style="list-style-type: none"> <li>Student earns credit in one of the following Science courses:                             <ul style="list-style-type: none"> <li>26.05100 – Microbiology</li> <li>26.01300 – Biology II</li> <li>26.01900 – International Baccalaureate Biology, Year Two</li> <li>26.06500 – Epidemiology</li> <li>26.01500 – Genetics</li> <li>40.05100 – Chemistry I</li> <li>40.05200 – Chemistry II</li> <li>40.05300 – Advanced Placement Chemistry</li> <li>40.05500 – International Baccalaureate Chemistry, Year One</li> <li>40.05600 – International Baccalaureate Chemistry, Year Two</li> <li>40.05610 – Cambridge Advanced Chemistry (AS Level) 9701</li> <li>40.05620 – Cambridge Advanced Chemistry (A Level) 9701</li> </ul> </li> <li>25.44000 – Essentials of Healthcare</li> <li>25.43700 – Allied Health &amp; Medicine</li> </ul>	<p><b>High Demand Career Description:</b> Veterinarians</p> <p><b>Criteria:</b></p> <ul style="list-style-type: none"> <li>Student earns credit in one of the following Science courses:                             <ul style="list-style-type: none"> <li>26.05100 – Microbiology</li> <li>26.01200 – Pre-Advanced Placement Biology</li> <li>26.01300 – Biology II</li> <li>26.01400 – Advanced Placement Biology</li> <li>26.01900 – International Baccalaureate Biology,</li> <li>26.07100 – Zoology</li> </ul> </li> <li>02.42100 – Animal Science Technology / Biotechnology</li> <li>02.42400 – Veterinary Science</li> </ul>
	AC-Therapeutic Services Pharmacy (VP)
	<p><b>High Demand Career Description:</b> Pharmacists</p> <p><b>Criteria:</b></p> <ul style="list-style-type: none"> <li>Student earns credit in one of the following Science courses:                             <ul style="list-style-type: none"> <li>26.05100 – Microbiology</li> <li>26.01300 – Biology II</li> <li>26.01900 – International Baccalaureate Biology, Year Two</li> <li>40.05100 – Chemistry I</li> <li>40.05200 – Chemistry II</li> <li>40.05300 – Advanced Placement Chemistry</li> <li>40.05500 – International Baccalaureate Chemistry, Year One</li> <li>40.05600 – International Baccalaureate Chemistry, Year Two</li> <li>40.05610 – Cambridge Advanced Chemistry (AS Level) 9701</li> <li>40.05620 – Cambridge Advanced Chemistry (A Level) 9701</li> <li>40.05700 – Organic Chemistry; 40.05800 – Biochemistry</li> </ul> </li> <li>25.44000 – Essentials of Healthcare</li> <li>25.45300 – Pharmacy Operations &amp; Fundamentals</li> </ul>

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## SOCIAL STUDIES

### AC – Financial Services Pathway (E)

**High Demand Career Description:** Financial and Investment Analysts

**Criteria:**

- Student earns credit in one of the following Social Studies courses:
  - 45.06200 – Advanced Placement Macroeconomics
  - 45.06300 – Advanced Placement Microeconomics
  - 45.06400 – Comparative Political/Economic Systems
  - 45.06500 – International Baccalaureate Economics, Year One
  - 45.06600 – International Baccalaureate Economics, Year Two
  - 45.06700 – Personal Financial Literacy
- 07.42600 – Financial Literacy
- 07.43100 – Banking, Investing, and Insurance

## WORLD LANGUAGE

### AC – Mental Health Professional Pathway (CB, E, VP)

**High Demand Career Description:** Social Workers, All Other

**Criteria:**

- Student earns credit in two upper-level World Language courses in the same language (e.g., Spanish II, Spanish III, and/or Spanish IV)
- 25.44000 – Essentials of Healthcare
- 25.47000 – Mental Health Professional

### AC- Teaching as a Profession Pathway (C, CB, E, F, N, VP, W)

**High Demand Career Description:** Teachers and Instructors, All Other

**Criteria:**

- Student earns credit in two upper-level World Language courses in the same language (e.g., Spanish II, Spanish III, and/or Spanish IV)
- 13.01100 – Examining the Teaching Profession
- 13.01200 – Contemporary Issues in Education
- 13.01300 – Teaching as a Profession Practicum

**\*Note: All 3 CTAE courses are required for students to earn college credit. A portfolio and passing EOPA/ COV score are also required to earn college credit.**

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FINE ARTS	
AC- Audio-Video Technology and Film Pathway I-C (W)	AC- Animation & Digital Media Pathway (CB)
<p><b>High Demand Career Description:</b> Film and Video Editors</p> <p><b>Criteria:</b></p> <ul style="list-style-type: none"> <li>Student earns credit in one of the following Fine Arts (Theatre/Film) courses:                             <ul style="list-style-type: none"> <li>52.07100 – Film and Television I</li> <li>52.07310 – Acting and Production in Film I</li> <li>52.07300 – International Baccalaureate Film, Year One</li> <li>50.07310 – Video and Filmmaking I</li> </ul> </li> <li>10.51810 – Audio-Video Technology &amp; Film</li> <li>10.51910 – Audio-Video Technology &amp; Film II</li> </ul>	<p><b>High Demand Career Description:</b> Special Effects Artists and Animators</p> <p><b>Criteria:</b></p> <ul style="list-style-type: none"> <li>Student earns credit in one of the following Fine Arts (Visual Arts) courses:                             <ul style="list-style-type: none"> <li>50.07250 – Visual Arts/Digital Design I</li> <li>52.02210 – Media Arts I</li> <li>50.08130 – Advanced Placement Studio: 2D Design Portfolio</li> </ul> </li> <li>48.42200 – Principles &amp; Concepts of Animation</li> <li>48.42300 – Advanced Animation, Game &amp; APP Design</li> </ul>
AC- Graphic Design Pathway (C, F, W)	
<p><b>High Demand Career Description:</b> Graphic Designers</p> <p><b>Criteria:</b></p> <ul style="list-style-type: none"> <li>Student earns credit in one of the following Fine Arts (Visual Arts) courses:                             <ul style="list-style-type: none"> <li>50.07210 – Visual Arts/Graphics I</li> <li>50.07220 – Visual Arts/Graphics II</li> <li>50.08130 – Advanced Placement Studio: 2D Design Portfolio</li> </ul> </li> <li>48.56100 – Introduction to Graphics &amp; Design</li> <li>48.56200 – Graphic Design &amp; Production</li> </ul>	

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