AASD CAREER CLUSTER COURSE EXPLORATION GUIDE

Appleton Area School District | 2027-28 School Year



APPLETON AREA SCHOOL DISTRICT

This guide connects Wisconsin DPI career clusters with AASD courses so students can explore possible interests, future careers, and related classes.

Wisconsin groups career clusters into six CTE program areas. Select a program area below to jump to the related AASD course sections.

BUSINESS & INFORMATION TECHNOLOGY Digital Technology | Financial Services	**MARKETING, MANAGEMENT & ENTREPRENEURSHIP** Marketing & Sales | Management & Entrepreneurship
FAMILY & CONSUMER SCIENCES Arts, Hospitality, Education	**HEALTH SCIENCE** Healthcare & Human Services | Public Service & Safety
AGRICULTURE, FOOD & NATURAL RESOURCES Agriculture | Energy & Natural Resources	**TECHNOLOGY & ENGINEERING** Supply Chain | Construction | Manufacturing

EXPLORE Discover an interest **BUILD** Develop skills **EXTEND** Go further

Courses may appear in more than one cluster. You can explore several interests, and these levels are not required course sequences.

Suggested pathways are for exploration only. Course availability, prerequisites, grade levels, and credits should be confirmed in the final AASD course catalog.

BUSINESS & INFORMATION TECHNOLOGY

Digital Technology and Financial Services

DIGITAL TECHNOLOGY

EXPLORE	BUILD	EXTEND
9340 Introduction to Computer Science 7030 Computer Maintenance and Repair*+ 5000 Microsoft Academy	9545 Introduction to Cybersecurity 7720 Electronics*+	9440 AP Computer Science Principles* 9540 AP Computer Science A* 9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Software developer	Cybersecurity analyst	IT support specialist	Data analyst
UX designer	Network administrator	Cloud support specialist	Game designer
Web developer	Systems engineer	Database administrator	AI technician

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FINANCIAL SERVICES

EXPLORE	BUILD	EXTEND
5080 Exploring Business 6300 Personal Financial Management 6320 CAPP Personal Financial Management*+ 3450 Introduction to Economics World Language	5320 Accounting 1 3460 AP Microeconomics* 3465 AP Macroeconomics*	5322 Accounting 2/CAPP Accounting*+ 9520 AP Statistics 5710 Entrepreneurship*+ 9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Accountant	Financial analyst	Credit analyst	Tax preparer
Insurance underwriter	Financial advisor	Personal banker	Actuary
Loan officer	Auditor	Budget analyst	Investment operations specialist

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MARKETING, MANAGEMENT & ENTREPRENEURSHIP

Marketing & Sales and Management & Entrepreneurship

MARKETING & SALES

EXPLORE	BUILD	EXTEND
5080 Exploring Business	5530 Marketing*+	5710 Entrepreneurship*+
5500 Sports and Entertainment Marketing	7850 Photography and Video Production	7890 Graphic Arts Enterprise
5550 Social Media Marketing	7880 Graphic Art	9664 Work Based Learning (Youth Apprenticeship / Internship)
5650 Retail Merchandising	1310 Creative Writing 2	
1300 Creative Writing 1	1335 Journalism 2	
1330 Journalism 1: Foundations and Applications		

CAREER CONNECTIONS

Marketing analyst	Brand manager	Sales representative	Social media specialist
Advertising coordinator	Buyer/merchandiser	E-commerce specialist	Market researcher
Digital marketer	Public relations specialist	Account executive	Content strategist

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MANAGEMENT & ENTREPRENEURSHIP

EXPLORE	BUILD	EXTEND
5080 Exploring Business	5820 Leadership 2	5710 Entrepreneurship*+
5000 Microsoft Academy	5320 Accounting 1	5322 Accounting 2/CAPP Accounting*+
5810 Leadership 1	5530 Marketing*+	7890 Graphic Arts Enterprise
3450 Introduction to Economics	1600 Oral & Interpersonal Communication	3460 AP Microeconomics*
World Language		3465 AP Macroeconomics*
		9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Business owner	Entrepreneur	Operations manager	Human-resources manager
Small business manager	Business analyst	Nonprofit director	Franchise owner
Project manager	Office manager	Customer success manager	Team lead

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FAMILY & CONSUMER SCIENCES

Arts, Entertainment & Design

ARTS, ENTERTAINMENT & DESIGN

VISUAL ARTS

EXPLORE	BUILD	EXTEND
8500 Art 1 8800 Introduction to Studio Art 8600 Drawing and Painting 8620 Jewelry and Art Metals 8660 Ceramics and Sculpture 8690 Craft Design 6500 Fashion and Interior Design	8700 Drawing and Painting 2 8720 Jewelry and Art Metals 2 8760 Ceramics and Sculpture 2 8790 Craft Design 2 6550 Advanced Fashion and Interior Design	8810 Drawing and Painting 3 8820 Jewelry and Art Metals 3 8860 Ceramics and Sculpture 3 8890 Crafts Design 3 9664 Work Based Learning (Youth Apprenticeship / Internship)

DIGITAL MEDIA & DESIGN

EXPLORE	BUILD	EXTEND
7830 Screen Printing 7850 Photography and Video Production 7880 Graphic Arts 1400 Film Studies	7860 Advanced Photography and Video Production	7890 Graphic Arts Enterprise 9664 Work Based Learning (Youth Apprenticeship / Internship)

MUSIC

EXPLORE	BUILD	EXTEND
8200 Perspectives in Music 8260 Patriot, Lightning, or Terror Band 8370 First Year Symphony Orchestra 8400 First Year Bass Choir 8413 First Year Treble Choir	8190 Music Theory 8270 Concert Band 8280 Symphonic Band 8290 Wind Ensemble 8380 Symphonic Orchestra 8390 Honors Orchestra* 8430 Treble Choral Society 8410 Prima Voce 8450 Varsity Treble 8440 Varsity Bass 8480 Kantorei	884M Chamber Choir 8490 Easterners 8460 North Choir 8295 Honors Band* 8285 Jazz Ensemble 9664 Work Based Learning (Youth Apprenticeship / Internship)

THEATRE & PERFORMANCE

EXPLORE	BUILD	EXTEND
1630 Introduction to the Theatre 1640 Acting	1650 Theatre Production	1660 Theatre Seminar 9664 Work Based Learning (Youth Apprenticeship / Internship)

WRITING & COMMUNICATION

EXPLORE	BUILD	EXTEND
1300 Creative Writing 1 1330 Journalism 1: Foundations and Applications	1310 Creative Writing 2 311 Creative Writing 3 1335 Journalism 2 1290 Written Communication 1600 Oral & Interpersonal Communication	9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Graphic designer	Illustrator	Animator	Interior designer
Photographer	Music producer	Performer	Journalist
Video producer	Sound technician	Art director	Fashion designer

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FAMILY & CONSUMER SCIENCES (CONTINUED)

Hospitality, Events & Tourism & Education & Training

HOSPITALITY, EVENTS & TOURISM

EXPLORE	BUILD	EXTEND
5080 Exploring Business 5000 Microsoft Academy 6200 Culinary 5500 Sports and Entertainment Marketing World Language	6250 Advanced Culinary*+ 5550 Social Media Marketing 5650 Retail Merchandising 5530 Marketing*+ 5710 Entrepreneurship*+	9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Chef	Baker/Pastry chef	Event planner	Hotel manager
Travel advisor	Tourism marketing specialist	Hospitality entrepreneur	Meeting planner
Restaurant manager	Caterer	Recreation coordinator	Guest services manager

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EDUCATION & TRAINING

EXPLORE	BUILD	EXTEND
5810 Leadership 1 6880 Child Development*+ World Language	0056 CAPP Water Safety Instructor 1600 Oral & Interpersonal Communication 3320 AP Psychology* 3325 Introduction to Psychology*+ 3350 Introduction to Sociology*+ 5820 Leadership 2 6270 Childhood Health, Safety and Nutrition*+ 6600 EmpowerED 6940 Foundations of Early Childhood Education*+	6950 Introduction to Education and Technology*+ 9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Early-childhood educator	Elementary teacher	Secondary teacher	School counselor
Instructional designer	Literacy tutor	Coach/activity leader	Family educator
Childcare director	Youth program coordinator	School psychologist	Program coordinator

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HEALTH SCIENCE

Healthcare & Human Services and Public Service & Safety

HEALTHCARE & HUMAN SERVICES

EXPLORE	BUILD	EXTEND
0044 Introduction to Athletic Training	1600 Oral & Interpersonal Communication	4612 Anatomy and Physiology I
6960 Exploring Healthcare	6975 Professionalism in Healthcare	4613 Anatomy and Physiology II
6880 Child Development*+	6270 Childhood Health, Safety and Nutrition*+	4602 Applied Genetics
4990 Health Education	6600 EmpowerED	4180 AP Biology*
Biology	3350 Intro to Sociology*+	4250 AP Chemistry*
6980 Foundations of Healthcare	3325 Intro to Psychology*+	4614 Biotechnology
World Language	3320 AP Psychology*	9520 AP Statistics
	3510 Social Problems	9664 Work Based Learning (Youth Apprenticeship / Internship)
	4200 Chemistry	

CAREER CONNECTIONS

Registered nurse	Radiologic technologist	Physical therapist	Medical assistant
Occupational therapist	Dental hygienist	Medical lab scientist	Sonographer
Pharmacist	Respiratory therapist	Physician assistant	Social worker

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PUBLIC SERVICE & SAFETY

EXPLORE	BUILD	EXTEND
3000 Civics	3023 Criminal Justice*+	3400 AP Government and Politics: U.S. and Comparative*
5810 Leadership 1	3350 Intro to Sociology*+	3630 Service Learning & Leadership 3
3610 Service Learning & Leadership 1	3325 Intro to Psychology*+	0056 CAPP Water Safety Instructor
3830 Military History	3320 AP Psychology*	9664 Work Based Learning (Youth Apprenticeship / Internship)
	0053 CAPP Aquatic Lifesaving	
	3620 Service Learning & Leadership 2	
	5820 Leadership 2	

CAREER CONNECTIONS

Firefighter	Police officer	EMT/paramedic	Lawyer
Paralegal	Corrections officer	Emergency manager	Community outreach coordinator
Dispatcher	Public administrator	Security specialist	Victim advocate

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AGRICULTURE, FOOD & NATURAL RESOURCES

Agriculture and Energy & Natural Resources

AGRICULTURE

EXPLORE	BUILD	EXTEND
4110 Biology	4200 Chemistry	4602 Applied Genetics
5080 Exploring Business	4340 Environmental Science	4180 AP Biology*
6200 Culinary	4345 AP Environmental Science	4250 AP Chemistry*
	6250 Advanced Culinary*+	9664 Work Based Learning (Youth Apprenticeship / Internship)
	7420 Small Engines & Transportation*+	

CAREER CONNECTIONS

Agricultural scientist	Agronomist	Animal scientist	Greenhouse manager
Veterinary technician	Agribusiness manager	Soil and water conservationist	Dairy herd manager
Food technologist	Precision agriculture technician	Horticulturist	Food safety specialist

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ENERGY & NATURAL RESOURCES

EXPLORE	BUILD	EXTEND
4110 Biology	4200 Chemistry	4560 AP Physics 1: Algebra Based*
4000 Physical Science	4550 Physics	4565 AP Physics C: Mechanics
4340 Environmental Science	7180 Principles of Engineering*	4250 AP Chemistry*
4345 AP Environmental Science		7720 Electronics*+
4807 Earth Science		9500 AP Calculus AB
7160 Introduction to Engineering Design*		9550 AP Calculus BC
		9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Environmental scientist	Renewable energy technician	Conservation scientist	Water quality specialist
Wind turbine technician	Solar installer	Forester	Environmental planner
Energy engineer	Sustainability coordinator	Natural resources manager	Wildlife technician

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TECHNOLOGY & ENGINEERING

Supply Chain & Transportation; Construction; Advanced Manufacturing

SUPPLY CHAIN & TRANSPORTATION

EXPLORE	BUILD	EXTEND
7420 Small Engines & Transportation*+ 7440 Auto ABC's 5000 Microsoft Academy 5080 Exploring Business	7441 Auto Service 5650 Retail Merchandising	7460 Auto Mechanics*+ 5710 Entrepreneurship*+ 9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Automotive technician	Diesel technician	Logistics analyst	Fleet manager
Transportation planner	Parts specialist	Operations coordinator	Procurement specialist
Supply-chain manager	Warehouse supervisor	Distribution manager	Service technician

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CONSTRUCTION

EXPLORE	BUILD	EXTEND
7380 Introduction to Construction 7360 Cabinet and Furniture Making+ 7160 Introduction to Engineering Design* 6500 Fashion and Interior Design	6550 Advanced Fashion and Interior Design 7120 Architecture* 7540 Welding and Metal Fabrication*+	7390 Advanced Construction 9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

Architect	Carpenter	Electrician	Construction manager
Civil engineer	Building inspector	Estimator	Mason
Plumber	CAD technician	HVAC technician	Project superintendent

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ADVANCED MANUFACTURING

EXPLORE	BUILD	EXTEND
7160 Introduction to Engineering Design* 7540 Welding and Metal Fabrication*+ 7360 Cabinet and Furniture Making+	7180 Principles of Engineering* 7720 Electronics*+ 7150 Manufacturing	9664 Work Based Learning (Youth Apprenticeship / Internship)

CAREER CONNECTIONS

CNC machinist	Manufacturing engineer	Industrial technician	Automation technician
Quality-control specialist	Machine operator	Mechatronics technician	Tool and die maker
Welder	Production planner	Process technician	Robotics technician

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