

The Academy for Advanced Studies (AAS)

Career, Technical, and Agricultural Education (CTAE) and Fine Arts Pathways and Course Offerings for 2024-2025

SCHOOL OF BUSINESS & DESIGN	
Cloud Computing	Cybersecurity
Course 1 – 2591 - Intro to Software Technology	Course 1 – 2589 - Intro to Hardware Technology
Course 2 – 2628 - Computer Science Principles	Course 2 – 2640 - Introduction to Cybersecurity
Course 3 – 0000 - Cloud Computing	Course 3 – 2641 - Advanced Cybersecurity
Entrepreneurship	Fashion, Merchandising and Retail Management
Course 1 – 0200 - Intro to Business & Technology	Course 1 – 3001 - Marketing Principles
Course 2 – 0202 - Legal Environment of Business	Course 2 – 0000 - Fashion, Merchandising and Retailing
Course 3 – 2684 - Entrepreneurship	Course 3 – 0000 - Advanced Fashion, Merchandising
Financial Services	Game Design
Course 1 – 0200 - Intro to Business and Technology	Course 1 – 2591 - Intro to Software Technology
Course 2 – 0189 - Financial Literacy	Course 2 – 2628 - Computer Science Principles
Course 3 – 2670 - Banking, Investing & Insurance	Course 3 – 2668 - Game Design: Animation & Simulation
Marketing Communications & Promotions	Programming
Course 1 – 3001 - Marketing Principles	Course 1 – 2591 - Intro to Software Technology
Course 2 – 2731 - Promotion and Digital Marketing	Course 2 – 2628 - Computer Science Principles
Course 3 – 2942 - Integrated Marketing Communications	Course 3 – 2638 - Programming, Games, Apps & Society
SCHOOL OF WELLNESS & COMMUNITY SERVICES	
Culinary Arts	Early Childhood Care & Education II
Course 1 – 2420 - Intro to Culinary Arts	*Prerequisites (Courses 1 & 2) taken at home high school
Course 2 – 2422 - Culinary Arts I	*Course 1 – 2480 - Early Childhood Education I
Course 3 – 2424 - Culinary Arts II	*Course 2 – 2717 - Early Childhood Education II
	Course 3 – 2721 - Early Childhood Education Practicum
Emergency Medical Technician (EMT)	JROTC – Navy (*HHS, LGHS & WHS students only)
Course 1 – 8572 - Introduction to Healthcare	** (This program is located at McDonough High School)**
Course 2 – 2692 - Essentials of Healthcare	Course 1 – 5012 - JROTC Navy I - 5010 - Navy Cadet Field
Course 3 – 2735 - Emergency Medical Technician	Course 2 – 5032 - JROTC Navy II - 5034 - Nautical Science
	Course 3 – 5052 - JROTC Navy III - 5054 - Naval Knowledge
	Course 4 – 5072 - JROTC Navy IV - 5084 - Effective Comm.
Pharmacy [SENIORS ONLY/YEAR LONG]	Phlebotomy [SENIORS ONLY]
Course 1 – 8572 - Introduction to Healthcare	Course 1 – 8572 - Introduction to Healthcare
Course 2 – 2692 - Essentials of Healthcare	Course 2 – 2692 - Essentials of Healthcare
Course 3 – 2700 - Pharmacy Operations & Fund.	Course 3 – 2698 - Diagnostics Phlebotomy
Sports Medicine	Teaching as a Profession
Course 1 – 8572 - Introduction to Healthcare	Course 1 – 0011 - Examining the Teaching Profession
Course 2 – 2692 - Essentials of Healthcare	Course 2 – 0014 - Contemporary Issues in Education
Course 3 – 2704 - Sports Medicine	Course 3 – 0016 - Teaching as a Profession Practicum
Veterinary Science	
Course 1 – 2542 - Basic Agricultural Science	
Course 2 – 2560 - Animal Science & Biotechnology	
Course 3 – 2550 - Veterinary Science	
Course 4 – 2568 - Equine Science	

SCHOOL OF ENGINEERING, POWER & AUTOMATION

Advanced Automotive Tech (Diesel)	Carpentry, Electrical, Masonry, Plumbing
Course 1 – 2746 - Advanced Automotive Tech IV	Course 1 – 2758 - Industry Fund. & Occupational Safety
Course 2 – 2747 - Advanced Automotive Tech V	Course 2 – 2950 - Introduction to Construction
Course 3 – 2749 - Advanced Automotive Tech VI	Course 3 – 2760 - Carpentry
	Course 4 – 2762 - Electric / 2764-Masonry / 2766-Plumb
Electronics	Energy & Power: Generation, Transmission & Distribution
Course 1 – 2650 - Foundations of Electronics	Course 1 – 3191 - Foundation of Energy Technologies
Course 2 – 2652 - Advanced AC & DC Circuits	Course 2 – 2946 - Energy & Power: Generation, Transmission
Course 3 – 2654 - Digital Electronics	Course 3 – 2948 - Energy Systems Applications
Engineering, Drafting & Design	General Automotive Technology
Course 1 – 2624 - Intro to Drafting & Design	Course 1 – 2740 - Automotive Technologies I
Course 2 – 2618 - Survey of Engineering Graphics	Course 2 – 2742 - Automotive Technologies II
Course 3 – 2622 - 3D Modeling and Analysis	Course 3 – 2744 - Automotive Technologies III
Mechatronics	Welding
Course 1 – 2711 - Introduction to Mechatronics	Course 1 – 2758 - Industry Fund. & Occupational Safety
Course 2 – 2713 - AC Theory, Elec. Motors & Hydraulics	Course 2 – 2768 - Introduction to Metals
Course 3 – 2715 - Semiconductors, Mech. Sys & Pump	Course 3 – 2770 - Welding I
	Course 4 – 2619 - Research/Design/Project Management

SCHOOL OF CREATIVE STUDIES

Audio-Video Technology & Film II	Dance
Course 1 – 0478 - Audio-Video Tech & Film I	Course 1 – 0441 - Dance I
Course 2 – 3175 - Audio-Video Tech & Film II	Course 2 – 0443 - Dance II
Course 3 – 0475 - Broadcast Video Production App	Course 3 – 0449 - Dance III
	Course 4 – 0451 - Dance IV
	Course 5 – 0439 – Dance Composition
Graphic Design & Communication	Music Technology
Course 1 – 3179 - Introduction to Graphics & Design	Course 1 – 1193 - Beginning Music Technology
Course 2 – 3181 - Graphic Design and Production	Course 2 – 1149 - Intermediate Music Technology
Course 3 – 3185 - Advanced Graphic Design	Course 3 – 1146 - Advanced Music Technology
Course 4 – 3183 - Advanced Graphic Output Processes	Course 4 – 0000 - Mastery Music Technology
	Non-Pathway Course – 0000 - Song Writing
Personal Care Services - Cosmetology	Technical Theatre
Course 1 – 8174 - Introduction to Personal Care Services	Course 1 – 0776 - Technical Theatre I
Course 2 – 3187 - Cosmetology Services II	Course 2 – 0778 - Technical Theatre II
Course 3 – 3189 - Cosmetology Services III	Course 3 – 0780 - Technical Theatre III
	Course 4 – 0782 - Technical Theatre IV
Theatre/Acting	Visual Arts- Ceramics & Pottery
Course 1 – 0792 - Theatre Arts/Acting I	Course 1 – 0566 - Visual Arts/Ceramics/Pottery I
Course 2 – 0794 - Theatre Arts/Acting II	Course 2 – 0568 - Visual Arts/Ceramics/Pottery II
Course 3 – 0796 - Theatre Arts/Acting III	Course 3 – 0572 - Visual Arts/Ceramics/Pottery III
Course 4 – 0798 - Theatre Arts/Acting IV	Course 4 – 0574 - Visual Arts/Ceramics/Pottery IV
Visual Arts- Sculpture	
Course 1 – 0576 - Visual Arts/Sculpture I	
Course 2 – 0578 - Visual Arts/Sculpture II	
Course 3 – 0580 - Visual Arts/Sculpture III	
Course 4 – 0583 - Visual Arts/Sculpture IV	

WORK-BASED LEARNING (WBL)

Work-Based Learning provides students the opportunity to receive credit while working in an environment related to their career pathway. WBL at AAS is for 11th and 12th-grade students. To apply for WBL, please visit the AAS Program Info page.

**DUAL ENROLLMENT TECHNICAL CERTIFICATE OF CREDIT (TCC)
WITH SOUTHERN CRESCENT TECHNICAL COLLEGE**

Auto Collision Repair Assistant I - (10th - 12th grade)	Criminal Justice Fundamentals – (10th - 12th grade)
Course 1 – 9569 - ACRP 1000-Intro to Automotive Collision (4 hrs)	Course 1 – 9945 - COMP 1000-Intro to Computer Literacy (3 hrs)
Course 2 – 9939 - ACRP 1005-Auto Component Repair (4 hrs)	Course 2 – 9008 - CRJU 1010-Intro to Criminal Justice (3 hrs)
Course 3 – 9923 - ACRP 1015-Fundamental of Auto Welding (4 hrs)	Course 3 – 9009 - CRJU 1030-Applications of Corrections (3 hrs)
	Course 4 – 9011 – CRJU 1040-Principles of Law Enforcement (3 hrs)
Emergency Medical Technician (EMT) - (11th - 12th grade)	Gas Tungsten and Metal Arc Welding – (10th - 12th grade)
Course 1 – 9974 - EMSP 1110-Intro to the EMT Profession (3 hrs)	Course 1 – 0000 - COFC 1080-Construction Trades Core (4 hrs)
Course 2 – 9954 - EMSP 1120-EMT Assessment/Airway (3 hrs)	Course 2 – 0000 - WELD 1007-Welding Technology Fund. (3 hrs)
Course 3 – 9976 - EMSP 1150-Shock/Trauma (3 hrs)	Course 3 – 0000 - WELD 1037-GMAW and FCAW Welding (4 hrs)
Course 4 – 9975 - EMSP 1130-Medical Emergencies (3 hrs)	Course 4 – 0000 - WELD 1045-Gas Tungsten Arc Welding I (3 hrs)
Course 5 – 9978 - EMSP 1140-Special Patient (3 hrs)	
Course 6 – 9953 - EMSP 1160-Clinical and Practical (1 hr)	
Logistics and Supply Chain Technician – (10th - 12th grade)	Nurse Aide - (11th - 12th grade)
Course 1 – 9794 - SCMA 1000-Logistics Fundamentals (3 hrs)	Course 1 – 9795 - ALHS 1040-Intro to Health Care (3 hrs)
Course 2 – 9792 - SCMA 1003-Intro to Transp. and Logistics (3 hrs)	Course 2 – 0000- ALHS 1090-Medical Terminology (2 hrs)
Course 3 – 9793 - LOGI 1000-Business Logistics (3 hrs)	Course 3 – 0000 - ALHS 1060-Diet and Nutrition for Allied (2 hrs)
	Course 4 – 0000 - NAST 1100-Nurse Aide Fundamentals (6 hrs)
Prep Cook - (10th - 12th grade)	Salon and Spa Support Specialist - (10th - 12th grade)
Course 1 – 9887 - CUUL 1000-Fundamentals of Culinary Arts (4 hrs)	Course 1 – 9960 - COSM 1000-Intro to Cosm Theory (4 hrs)
Course 2 – 9888 - CUUL 1110-Culinary Safety and Sanitation (2 hrs)	Course 2 – 9956 - COSM 1020-Hair Care (3 hrs)
Course 3 – 9889 - CUUL 1122-Found. of Cooking Principles (3 hrs)	Course 3 – 9957 - COSM 1120-Salon Management (3 hrs)
Course 4 – 9807 - CUUL 1124-Found. of Cooking Techniques (3 hrs)	Course 4 – 9464 - PSYC 1010-Basic Psychology (3 hrs)