

Appendix F

**Austin Community College and
Austin ISD Articulated Courses and Six-Year Plans**

ACC Program Area	Six-Year Plans		Articulated High School Courses	College Course Equivalent
	AAS Degrees	Certificate Programs		
Architectural and Engineering Computer-Aided Design	<ul style="list-style-type: none"> • Architectural Specialization • Electronic Graphics Specialization • Interdisciplinary Specialization • Mechanical Specialization 	<ul style="list-style-type: none"> • Architectural and Engineering Computer Aided Design Specialization • Integrated Circuit Layout Design Specialization 	Technical Intro. to Computer-aided Drafting 12511705 or 125117T5 Or Architectural Graphics 12362620 or 1236262T Or Engineering Graphics 12362630 or 1236263T	DFTG 1405 Technical Drafting
			Engineering Computer-aided Drafting 12511701 or 125117T1	DFTG 2419 Intermediate Computer-aided Drafting
Automotive Technology And Outdoor Power Equipment	<ul style="list-style-type: none"> • Automotive Technician 	<ul style="list-style-type: none"> • Automotive Brake and Suspension • Automotive Drive Train Specialist • Automotive Engine Performance Specialist • Automotive Heating & Air Conditioning • Automotive Technician • Small Engine Repair 	Automotive Technology I 12579102 <i>Prerequisite: Intro to Transportation Services</i>	AUMT 1405 Introduction to Automotive Technology
			Automotive Technology II 12579103 or 12579T03 <i>Prerequisite: Auto Technology I</i>	AUMT1407 Automotive Electrical Systems and AUMT 2417 Engine Performance Analysis 1 and AUMT1410 Automotive Brake Systems and AUMT 1416 Suspension & Steering
	<ul style="list-style-type: none"> • Auto Collision Repair 		Auto Collision Repair & Refinishing I 12579301	ABDR 1301 Auto Body Repair & Repainting and/or ABDR 1315 Vehicle Trim & Hardware
			Auto Collision Repair & Refinishing II 12579302 <i>Prerequisite: Auto Collision Repair & Refinishing I</i>	ABDR 1419 Basic Metal Repair
<ul style="list-style-type: none"> • Small Engine Repair 	<ul style="list-style-type: none"> • Agricultural Power Tech 	Agricultural Mechanics II 11934423 or 119344T3 <i>Prerequisite: Agricultural Mechanics I or Agricultural Power Technology 11922323</i>	SMER 1428 Small Engine Service Principles	
Biotechnology	<ul style="list-style-type: none"> • Biotechnology 	<ul style="list-style-type: none"> • Biotechnology • Biotech – Adv Tech 	Introduction to Biotechnology N1120032	BITC 1311 Introduction to Biotechnology

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Computer Information Technology	<ul style="list-style-type: none"> • Computer Programming • Computer Programming: Web Programming Specialization • Local Area Network Systems-Network Administration • Local Area Network Systems-Security Administration Specialization • Microcomputer Applications-Applications • Microcomputer Applications-User and Desktop Support Specialization 	<ul style="list-style-type: none"> • Computer Information Technology Database • Computer Programming C++ Track • Computer Programming Java Track • Local Area Networks Systems-Network Administration • Web Developer Specialist 	Business Computer Information Systems I (BCIS I) 12011200 or 1201120T	ITSC 1309 Integrated Software Applications I
			Fundamentals of the Internet N1295010 or N1295T10	ITNW 1337 Intro to the Internet
			Networking Essentials N1295009 or N1295TC9 Or Internetworking Technologies I N1295006 or N1295TC6 or N1295T06	ITNW 1325 Fundamentals of Networking Technologies
			Computer Maintenance Technician I 12534502 or 125345T2 Or Basic Computer Technology N1295008	ITSC 1425 Personal Computer Hardware
			Telecommunications and Networking 12022700 or 1202270T Or Communication Graphics 12362640 or 12362641 Or Web Mastering 03580800	ITSE 1401 Web Design Tools
			Internetworking Technologies II (Cisco) N1295TC7	ITCC 1306 CCNA2: Router and Routing Basics
			AP Computer Science II A3580200 <i>Prerequisite: Computer Science I</i> 03580200 Or IB Computer Science I I3580200	ITSE 2321 Object-Oriented Programming
Culinary Arts	<ul style="list-style-type: none"> • Culinary Arts 	<ul style="list-style-type: none"> • Culinary Arts • Culinarian 	Nutrition and Food Science 12204210 or 122T4210 And Food Science and Technology 12204310 or 122T431T0	IFWA 1318 Nutrition for the Food Service Professional

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				PL/Food Production, Management, and Services I 12205221 or 122T5221 Or Culinary Arts I N1220501
			PL/Food Production, Management, And Services II 12205222 or 122T5222 Or Culinary Arts II N1220502	CHEF 1205 Sanitation and Safety
Fire Protection	<ul style="list-style-type: none"> • Fire Protection Technology 		Firefighter II N1256887 <i>Prerequisite: Firefighter I</i>	FIRT 1338 Fire Protection Systems
			Successful completion and award of the Texas Commission on Fire Protection (TCFP) Basic Structural Firefighter Certification	FIRT 1301 Fundamentals of Fire Protection and FIRT 1319 Firefighter Health & Safety and FIRT 1315 Hazardous Materials I and FIRT 1327 Building Construction in Fire Service
Health Sciences	<ul style="list-style-type: none"> • Medical Laboratory Technology • Surgical Technology 	<ul style="list-style-type: none"> • Vocational Nursing • Pharmacy Technician • Emergency Medical Services 	Intro to Health Science Technology 12101200 or 1210120T (Travis only)	HPRS 1201 Intro to Health Professions
			Health Science Technology I 12101300 or 1210130T	HPRS 1201 Intro to Health Professions
			Health Science Technology II 12101400 or 1210140T <i>Prerequisite: Health Science Technology I</i>	VNSG 1115 Disease Control and Prevention And HPRS 1206 Essentials of Medical Terminology
			Health Science Technology III Medical Laboratory 12101530 or 1210153T <i>Prerequisite: Health Science Technology II or Biology & Chemistry</i>	PLAB 1323 Phlebotomy

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			Health Science Technology III EMT 12101500	EMSP 1501 EMT - Basic And EMSP 1160 Clinical – Emergency Medical Technology/Technician – Basic Clinical
Hospitality Management, Meeting and Events Planning, Travel & Tourism	<ul style="list-style-type: none"> Baccalaureate Prep Specialization Food and Lodging Specialization Hotel and Lodging Specialization Travel & Tourism Meeting and Events Planning Specialization 	<ul style="list-style-type: none"> Hospitality Management Travel & Tourism Meeting Planning 	Nutrition and Food Science 12204210 or 122T4210 and Food Science and Technology 12204310 or 122T4310	IFWA 1318 Nutrition for the Food Service Professional
			PL/Hospitality Services I 12205321 or 122T5321	HAMG 1308 Introduction to the Hospitality Industry
			PL/Hospitality Services II 12205322 or 122T5322 <i>Prerequisite:</i> <i>PL/Hospitality Services I</i> <i>12205321 or 122T5321</i>	HAMG 1313 Front Office Procedures
Radio, Television, and Film	<ul style="list-style-type: none"> Radio-Television-Film 	<ul style="list-style-type: none"> Film/Video Production Technology Film/Video Production Management 	Intro to Media Technology 12512304	RTVB 1305 Introduction to Television Technology
			Media Technology I 12512301 or 125123T1 <i>Prerequisite: Intro to Media Technology</i>	RTVB 1321 TV Field Production
			Media Technology II 12512302 <i>Prerequisite: Media Tech I</i>	FLMC 1304 Lighting for Film or Video
Visual Communication	<ul style="list-style-type: none"> 2D Animation Specialization 3D Animation Specialization Graphic Design Specialization Interactive Design Specialization 	<ul style="list-style-type: none"> 2D Animation 3D Animation Graphic Design Interactive Design Online Web Prepress Certificate 	Desktop Publishing 03580400 (Akins, Anderson, Bowie)	ARTC 1413 Digital Publishing I
			Business Image Management and Multimedia 12022300 or 1202230T Or Communication Systems 12341420	ARTC 1402 Digital Imaging I
			Communication Graphics 12362640 <i>Prerequisite:</i> <i>Communication Systems</i>	GRPH 1459 Vector Graphics for Production
			Communication Graphics 12362640	ARTC 1413 Digital Publishing I

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Welding Technology	<ul style="list-style-type: none"> • Code Welding • Art Metals 	<ul style="list-style-type: none"> • Pipe Welding • Ultrahigh Purity Piping • Arts Metal • Metal Sculpture 	Intro Ag Mechanics 11921221 and Ag Metal Fabrication 11922322 and Agricultural Mechanics I 11934422	WLDG 1407 Introduction To Welding Using Multiple Processes
			Agricultural Mechanics II 11934423 <i>Prerequisite: Agricultural Mechanics I</i>	WLDG 1417 Introduction to Layout and Fabrication