

Advanced Courses

Career and Technical Education

2018-2019

	TAC Chapter 127. Career Development	Course Abbreviation	Course Units
Subchapter B. High School			
12701300	Career Preparation I	CAREERP1	2
12701305	Career Preparation I/Extended Career Preparation	EXCAREE1	3
12701400	Career Preparation II	CAREERP2	2
12701405	Career Preparation II/Extended Career Preparation	EXCAREE2	3
12701510	Project-Based Research (Second Time Taken)	PROBS2	1
12701520	Project-Based Research (Third Time Taken)	PROBS3	1
	TAC Chapter 130. Career and Technical Education	Course Abbreviation	Course Units
Subchapter A. Agriculture, Food, and Natural Resources Career Cluster			
13000600	Veterinary Medical Applications	VETMEDAP	1
13000610	Veterinary Medical Applications/Agricultural Laboratory and Field Experience	VETMEDLAB	2
13000700	Advanced Animal Science	ADVANSCI	1
13000900	Agribusiness Management and Marketing	AGRBUSMM	1
13000910	Agribusiness Management and Marketing/Agricultural Laboratory and Field Experience	AGRBUSLAB	2
13001000	Mathematical Applications in Agriculture, Food, and Natural Resources	MATHAFNR	1
13001200	Advanced Energy and Natural Resource Technology	ADENRT	1
13001210	Advanced Energy and Natural Resource Technology/Agricultural Laboratory and Field Experience	ADENRTLAB	2
13001260	Oil and Gas Production II	OILGP2	1
13001265	Oil and Gas Production II/Agricultural Laboratory and Field Experience	OILGPLAB2	2
13001400	Food Processing	FOODPRO	1
13001410	Food Processing/Agricultural Laboratory and Field Experience	FOODPRLAB	2
13001600	Range Ecology and Management	RECOMGT	1
13001610	Range Ecology and Management/Agricultural Laboratory and Field Experience	RECOMGLAB	2
13002000	Horticultural Science	HORTISCI	1
13002010	Horticultural Science/Agricultural Laboratory and Field Experience	HORSCILAB	2
13002100	Advanced Plant and Soil Science	ADVPSSCI	1
13002300	Agricultural Structures Design and Fabrication	AGSDF	1
13002310	Agricultural Structures Design and Fabrication/Agricultural Laboratory and Field Experience	AGSDFLAB	2
13002350	Agricultural Equipment Design and Fabrication	AGEQDF	1

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13002355	Agricultural Equipment Design and Fabrication/Agricultural Laboratory and Field Experience	AGEQDFLAB	2
13002400	Agricultural Power Systems	AGPOWSYS	2
13002410	Agricultural Power Systems/Agricultural Laboratory and Field Experience	AGPOWSLAB	3
13002500	Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	PRACAFNR1	2
13002505	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (First Time Taken)	EXPRAFNR1	3
13002510	Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	PRACAFNR2	2
13002515	Practicum in Agriculture, Food, and Natural Resources/Extended Practicum in Agriculture, Food, and Natural Resources (Second Time Taken)	EXPRAFNR2	3
Subchapter B. Architecture and Construction Career Cluster			
13004400	Interior Design II	INTERDS2	2
13004500	Practicum in Interior Design (First Time Taken)	PRACIDS1	2
13004505	Practicum in Interior Design/Extended Practicum in Interior Design (First Time Taken)	EXPRIDS1	3
13004510	Practicum in Interior Design (Second Time Taken)	PRACIDS2	2
13004515	Practicum in Interior Design/Extended Practicum in Interior Design (Second Time Taken)	EXPRIDS2	3
13004700	Architectural Design II	ARCHDSN2	2
13004800	Practicum in Architectural Design (First Time Taken)	PRACADS1	2
13004805	Practicum in Architectural Design/Extended Practicum in Architectural Design (First Time Taken)	EXPRADS1	3
13004810	Practicum in Architectural Design (Second Time Taken)	PRACADS2	2
13004815	Practicum in Architectural Design/Extended Practicum in Architectural Design (Second Time Taken)	EXPRADS2	3
13005000	Construction Management II	CONSMGT2	2
13005200	Construction Technology II	CONTECH2	2
13005250	Practicum in Construction Technology (First Time Taken)	PRACCT1	2
13005255	Practicum in Construction Technology/Extended Practicum in Construction Technology (First Time Taken)	EXPRCT1	3
13005260	Practicum in Construction Technology (Second Time Taken)	PRACCT2	2
13005265	Practicum in Construction Technology/Extended Practicum in Construction Technology (Second Time Taken)	EXPRCT2	3
13005500	Building Maintenance Technology II	BUILDMA2	2
13005700	Electrical Technology II	ELECTEC2	2
13005900	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II	HVACREF2	2

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13006100	Plumbing Technology II	PLTECH2	2
13006200	Practicum in Construction Management (First Time Taken)	PRACCM1	2
13006205	Practicum in Construction Management/Extended Practicum in Construction Management (First Time Taken)	EXPRCM1	3
13006210	Practicum in Construction Management (Second Time Taken)	PRACCM2	2
13006215	Practicum in Construction Management/Extended Practicum in Construction Management (Second Time Taken)	EXPRCM2	3
13006400	Masonry Technology II	MASTECH2	2
13006450	Practicum in Masonry Technology (First Time Taken)	PRACMAS1	2
13006455	Practicum in Masonry Technology/Extended Practicum in Masonry Technology (First Time Taken)	EXPRMAS1	3
13006460	Practicum in Masonry Technology (Second Time Taken)	PRACMAS2	2
13006465	Practicum in Masonry Technology/Extended Practicum in Masonry Technology (Second Time Taken)	EXPRMAS2	3
Subchapter C. Arts, A/V Technology, and Communications Career Cluster			
13008400	Animation II	ANIMAT2	1
13008410	Animation II/Animation II Lab	ANILAB2	2
13008450	Practicum in Animation (First Time Taken)	PRACANI1	2
13008455	Practicum in Animation/Extended Practicum in Animation (First Time Taken)	EXPRANI1	3
13008460	Practicum in Animation (Second Time Taken)	PRACANI2	2
13008465	Practicum in Animation/Extended Practicum in Animation (Second Time Taken)	EXPRANI2	3
13008600	Audio/Video Production II	AVPROD2	1
13008610	Audio/Video Production II/Audio/Video Production II Lab	AVPLAB2	2
13008700	Practicum in Audio/Video Production (First Time Taken)	PRACAVP1	2
13008705	Practicum in Audio/Video Production/Extended Practicum in Audio/Video Production (First Time Taken)	EXPRAVP1	3
13008710	Practicum in Audio/Video Production (Second Time Taken)	PRACAVP2	2
13008715	Practicum in Audio/Video Production/Extended Practicum in Audio/Video Production (Second Time Taken)	EXPRAVP2	3
13008900	Graphic Design and Illustration II	GRAPHDI2	1
13008910	Graphic Design and Illustration II/Graphic Design and Illustration II Lab	GRDLAB2	2
13009000	Practicum in Graphic Design and Illustration (First Time Taken)	PRACGRD1	2

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13009005	Practicum in Graphic Design and Illustration/Extended Practicum in Graphic Design and Illustration (First Time Taken)	EXPRGRD1	3
13009010	Practicum in Graphic Design and Illustration (Second Time Taken)	PRACGRD2	2
13009015	Practicum in Graphic Design and Illustration/Extended Practicum in Graphic Design and Illustration (Second Time Taken)	EXPRGRD2	3
13009200	Commercial Photography II	CPHOTO2	1
13009210	Commercial Photography II/Commercial Photography II Lab	CPHLAB2	2
13009250	Practicum in Commercial Photography (First Time Taken)	PRACCPH1	2
13009255	Practicum in Commercial Photography/Extended Practicum in Commercial Photography (First Time Taken)	EXPRCPH1	3
13009260	Practicum in Commercial Photography (Second Time Taken)	PRACCPH2	2
13009265	Practicum in Commercial Photography/Extended Practicum in Commercial Photography (Second Time Taken)	EXPRCPH2	3
13009400	Fashion Design II	FASHDSN2	1
13009410	Fashion Design II/Fashion Design II Lab	FASLAB2	2
13009500	Practicum in Fashion Design (First Time Taken)	PRACFAS1	2
13009505	Practicum in Fashion Design/Extended Practicum in Fashion Design (First Time Taken)	EXPRFAS1	3
13009510	Practicum in Fashion Design (Second Time Taken)	PRACFAS2	2
13009515	Practicum in Fashion Design/Extended Practicum in Fashion Design (Second Time Taken)	EXPRFAS2	3
13009700	Printing and Imaging Technology II	PRIMTEC2	1
13009710	Printing and Imaging Technology II/Printing and Imaging Technology II Lab	PRILAB2	2
13009800	Practicum in Printing and Imaging Technology (First Time Taken)	PRACPRI1	2
13009805	Practicum in Printing and Imaging Technology/Extended Practicum in Printing and Imaging Technology (First Time Taken)	EXPRPRI1	3
13009810	Practicum in Printing and Imaging Technology (Second Time Taken)	PRACPRI2	2
13009815	Practicum in Printing and Imaging Technology/Extended Practicum in Printing and Imaging Technology (Second Time Taken)	EXPRPRI2	3
13009960	Digital Audio Technology II	DATECH2	1
Subchapter D. Business Management and Administration Career Cluster			
13011500	Business Information Management II	BUSIM2	1
13011510	Business Information Management II/Business Lab	BUSMLAB2	2
13011600	Business English	BUSENGL	1
13012100	Business Management	BUSMGT	1

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13012200	Practicum in Business Management (First Time Taken)	PRACBM	2
13012205	Practicum in Business Management/Extended Practicum in Business Management (First Time Taken)	EXPRBM	3
13012210	Practicum in Business Management (Second Time Taken)	PRACBM2	2
13012215	Practicum in Business Management/Extended Practicum in Business Management (Second Time Taken)	EXPRBM2	3
Subchapter E. Education and Training Career Cluster			
13014400	Instructional Practices	INPRAC	2
13014500	Practicum in Education and Training (First Time Taken)	PRACEDT1	2
13014505	Practicum in Education and Training/Extended Practicum in Education and Training (First Time Taken)	EXPREDT1	3
13014510	Practicum in Education and Training (Second Time Taken)	PRACEDT2	2
13014515	Practicum in Education and Training/Extended Practicum in Education and Training (Second Time Taken)	EXPREDT2	3
Subchapter F. Finance Career Cluster			
13016700	Accounting II	ACCOUNT2	1
13016800	Financial Analysis	FINANAL	1
13016900	Statistics and Business Decision Making	STATBDM	1
13018000	Financial Mathematics	FINMATH	1
Subchapter G. Government and Public Administration Career Cluster			
13018400	Political Science II	POLISCI2	1
13018500	Revenue, Taxation, and Regulation	REVTAXRE	1
13018800	National Security	NATLSEC	1
13018900	Foreign Service and Diplomacy	FORSRVD	1
13019000	Practicum in Local, State, and Federal Government (First Time Taken)	PRACLSF1	2
13019005	Practicum in Local, State, and Federal Government/Extended Practicum in Local, State, and Federal Government (First Time Taken)	EXPRLSF1	3
13019010	Practicum in Local, State, and Federal Government (Second Time Taken)	PRACLSF2	2
13019015	Practicum in Local, State, and Federal Government/Extended Practicum in Local, State, and Federal Government (Second Time Taken)	EXPRLSF2	3
Subchapter H. Health Science Career Cluster			
13020400	Health Science Theory	HLTHSCI	1
13020410	Health Science Theory/Health Science Clinical	HLSCLIN	2
13020500	Practicum in Health Science (First Time Taken)	PRACHLS1	2

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13020505	Practicum in Health Science/Extended Practicum in Health Science (First Time Taken)	EXPRHLS1	3
13020510	Practicum in Health Science (Second Time Taken)	PRACHLS2	2
13020515	Practicum in Health Science/Extended Practicum in Health Science (Second Time Taken)	EXPRHLS2	3
13020600	Anatomy and Physiology	ANATPHYS	1
13020700	Medical Microbiology	MICRO	1
13020800	Pathophysiology	PATHO	1
13020900	World Health Research	WORLDHR	1
13020970	Mathematics for Medical Professionals	MTHMEDPR	1
Subchapter I. Hospitality and Tourism Career Cluster			
13022650	Advanced Culinary Arts	ADCULART	2
13022700	Practicum in Culinary Arts (First Time Taken)	PRACCUL1	2
13022705	Practicum in Culinary Arts/Extended Practicum in Culinary Arts (First Time Taken)	EXPRCUL1	3
13022710	Practicum in Culinary Arts (Second Time Taken)	PRACCUL2	2
13022715	Practicum in Culinary Arts/Extended Practicum in Culinary Arts (Second Time Taken)	EXPRCUL2	3
13022800	Hospitality Services	HOSPSRVS	2
13022900	Practicum in Hospitality Services (First Time Taken)	PRACHOS1	2
13022905	Practicum in Hospitality Services/Extended Practicum in Hospitality Services (First Time Taken)	EXPRHOS1	3
13022910	Practicum in Hospitality Services (Second Time Taken)	PRACHOS2	2
13022915	Practicum in Hospitality Services/Extended Practicum in Hospitality Services (Second Time Taken)	EXPRHOS2	3
13023000	Food Science	FOODSCI	1
Subchapter J. Human Services Career Cluster			
13024600	Counseling and Mental Health	COUNSMH	1
13024800	Child Guidance	CHILDGUI	2
13025000	Practicum in Human Services (First Time Taken)	PRACHUS1	2
13025005	Practicum in Human Services/Extended Practicum in Human Services (First Time Taken)	EXPRHUS1	3
13025010	Practicum in Human Services (Second Time Taken)	PRACHUS2	2
13025015	Practicum in Human Services/Extended Practicum in Human Services (Second Time Taken)	EXPRHUS2	3
13025300	Cosmetology II	COSMET2	2
13025310	Cosmetology II/Cosmetology II Lab Innovative	COSLAB2	3
Subchapter K. Information Technology Career Cluster			
13027500	Computer Technician Practicum (First Time Taken)	COMPT1	2
13027505	Computer Technician Practicum/Extended Computer Technician Practicum (First Time Taken)	EXCOMPT1	3
13027510	Computer Technician Practicum (Second Time Taken)	COMPT2	2

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13027515	Computer Technician Practicum/Extended Computer Technician Practicum (Second Time Taken)	EXCOMPT2	3
13027700	Computer Programming II	COMPPRO2	1
13028000	Practicum in Information Technology (First Time Taken)	PRACIT1	2
13028005	Practicum in Information Technology /Extended Practicum in Information Technology (First Time Taken)	EXPRIT1	3
13028010	Practicum in Information Technology (Second Time Taken)	PRACIT2	2
13028050	Practicum in Information Technology/Extended Practicum in Information Technology (Second Time Taken)	EXPRIT2	3
Subchapter L. Law, Public Safety, Corrections, and Security Career Cluster			
13029400	Law Enforcement II	LAWENF2	1
13029500	Forensic Science	FORENSCI	1
13029600	Court Systems and Practices	COURTSP	1
13029700	Correctional Services	CORRSRVS	1
13029800	Federal Law Enforcement and Protective Services	FEDLEPS	1
13030000	Firefighter II	FIRE2	3
13030100	Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	PRACLPS1	2
13030105	Practicum in Law, Public Safety, Corrections, and Security/Extended Practicum in Law, Public Safety, Corrections, and Security (First Time Taken)	EXPRLPS1	3
13030110	Practicum in Law, Public Safety, Corrections, and Security (Second Time Taken)	PRACLPS2	2
13030115	Practicum in Law, Public Safety, Corrections, and Security/Extended Practicum in Law, Public Safety, Corrections, and Security (Second Time Taken)	EXPRLPS2	3
Subchapter M. Manufacturing Career Cluster			
13032400	Welding II	WELD2	2
13032410	Welding II/Welding II Lab	WELDLAB2	3
13032600	Precision Metal Manufacturing II	PREMMAN2	2
13032610	Precision Metal Manufacturing II/Precision Metal Manufacturing II Lab	PRMMLAB2	3
13032660	Diversified Manufacturing II	DIMANU2	1
13032800	Metal Fabrication and Machining II	MTFBMCH2	2
13032950	Manufacturing Engineering Technology II	MANENGT2	1
13033000	Practicum in Manufacturing (First Time Taken)	PRACMAN1	2
13033005	Practicum in Manufacturing/Extended Practicum in Manufacturing (First Time Taken)	EXPRMAN1	3
13033010	Practicum in Manufacturing (Second Time Taken)	PRACMAN2	2
13033015	Practicum in Manufacturing/Extended Practicum in Manufacturing (Second Time Taken)	EXPRMAN2	3

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Subchapter N. Marketing Career Cluster			
13034700	Marketing Dynamics	ADVMKTG	2
13034800	Practicum in Marketing Dynamics	PRACMKT1	2
13034805	Practicum in Marketing/Extended Practicum in Marketing (First Time Taken)	EXPRMKT1	3
13034810	Practicum in Marketing Dynamics II	PRACMKT2	2
13034815	Practicum in Marketing/Extended Practicum in Marketing (Second Time Taken)	EXPRMKT2	3
Subchapter O. Science, Technology, Engineering, and Mathematics Career Cluster			
13036450	Biotechnology II	BIOTECH2	1
13036600	Engineering Design and Presentation II	ENGDSR2	2
13036700	Engineering Mathematics	ENGMATH	1
13036900	Solid State Electronics	SOSTELEC	1
13037050	Robotics II	ROBOTIC2	1
13037300	Engineering Design and Problem Solving	ENGDPRS	1
13037400	Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	PRCSTEM1	2
13037405	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (First Time Taken)	EXPRSTEM1	3
13037410	Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	PRCSTEM2	2
13037415	Practicum in Science, Technology, Engineering, and Mathematics/Extended Practicum in Science, Technology, Engineering, and Mathematics (Second Time Taken)	EXPRSTEM2	3
13037500	Engineering Science	ENGSCIEN	1
Subchapter P. Transportation, Distribution, and Logistics Career Cluster			
13039400	Aircraft Airframe Technology	AIRAFTEC	2
13039410	Aircraft Airframe Technology/Advanced Transportation Systems Laboratory	AIRAFLAB	3
13039500	Aircraft Powerplant Technology	AIRPPTEC	2
13039510	Aircraft Powerplant Technology/Advanced Transportation Systems Laboratory	AIRPPLAB	3
13039700	Automotive Technology II: Automotive Service	AUTOTEC2	2
13039710	Automotive Technology II: Automotive Service/Advanced Transportation Systems Laboratory	AUTOLAB2	3
13039900	Paint and Refinishing	PAINTREF	2
13039910	Paint and Refinishing/Advanced Transportation Systems Laboratory	PTREFLAB	3
13040100	Small Engine Technology II	SMENTEC2	2
13040160	Diesel Equipment Technology II	DIEQTEC2	2
13040170	Diesel Equipment Technology II/Advanced Transportation Systems Laboratory	DIEQLAB2	3

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13040450	Practicum in Transportation Systems (First Time Taken)	PRACTRS1	2
13040455	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (First Time Taken)	EXPRTRS1	3
13040460	Practicum in Transportation Systems (Second Time Taken)	PRACTRS2	2
13040465	Practicum in Transportation Systems/Extended Practicum in Transportation Systems (Second Time Taken)	EXPRTRS2	3
13040470	Practicum in Distribution and Logistics (First Time Taken)	PRACDLG1	2
13040475	Practicum in Distribution and Logistics/Extended Practicum in Distribution and Logistics (First Time Taken)	EXPRDLG1	3
13040480	Practicum in Distribution and Logistics (Second Time Taken)	PRACDLG2	2
13040485	Practicum in Distribution and Logistics/Extended Practicum in Distribution and Logistics (Second Time Taken)	EXPRDLG2	3