Polk State Course Number	Polk State Course Name	Offered as CTE Dual Enrollment	Credits	Articulation Assessment	High School / Technical College Program Name & Number	Polk State Program requiring this course
Business, Engineering & Technology
ACG 2450	Introduction to Accounting Software		3	Intuit-QuickBooks Certified User	>Accounting Applications (8302100)	Accounting Technology, AS
MAR 2011	Principles of Marketing		3	Comprehensive Exam	>Marketing (9200500)	Business Administration (all 5 Concentrations), AS
Block of Credit	Business Operational Management, AS degree program		15	This degree program provides the opportunity for students who have completed specific technical programs, **900 hours or more**, to pursue college-level coursework that is appropriate for supervisory & management roles, as well as upward mobility in their chosen fields. Eligible students will be awarded 15 credits toward the technical skills portion of the degree. This AS degree provides the status of an associate degree in management and demonstrated technical knowledge in specific industry areas. However, if a student decides to pursue a bachelor degree, the 15 articulated technical credits are non-transferable to a bachelor's degree. (Two-part specified programs equaling 900 hours or more qualify). For more information contact **business@polk.edu**	>AC, Refridg & Heating 1 & 2 (8101100) (TC-C400100/C400200) >Automation & Production Technology (9200100) (TC-J100100) >Automotive Collision & Repair (TC-T400100/T400200) >Automotive Maint. & Light Repair (9504100) >Automotive Service Technology 1 & 2 (TC-400700/T400800) >Avionics 1 & 2 (TC-T640100/T640200) >Professional Cullinary Arts (8800500) (TC-N100500) >Cosmetology (8905100) (TC-D500100) >Electricity (8727200) (TC-I460312) >Diesel Systems Technology 1 & 2 (8742000) (TC-T650100/T650200) >Welding Technology (9204400) (TC-J400400) >**Drafting (8725000) (TC-C100200) (4 year Drafting program (8725000) at GJHS & KHS may qualify)**	Business Operational Management, AS
Block of Credit	https://lakelandelectric.com/CareerAcademies		36	Successful Completion of Lakeland Electric Lineman Apprenticeship Program	Tenoroc Power Program & Energy Program at Traviss Technical College - Prepares student for the Lakeland Electric Lineman Apprenticeship Program. No college credit articulated for these programs; however, if HIRED by Lakeland Electric and student completes Lakeland Electric Lineman Apprenticeship Program, this may articulate into 36 Electrical Distribution degree credits.	Electrical Distribution Technology, AAS
CET 1174C	A+ Essential		3	CompTIA 220-901 Exam	>Modeling and Simulation (9005200) >Computer Systems Technology (8732100/TC-I470104) >Computer Systems Technology I (TC-PSAV-J500100) >Network Support Services (8208000/TC-B078000)	Network Systems Engineering Technology, AS
CET 1600C	Cisco Network Fundamentals		3	ICND 1 or CCNA	>Computer Systems & Information Tech. (9001200/TC-Y100200) >Computer Systems Technology (8732100/TC-I470104) >Computer Systems Technology I (TC-PSAV-J500100) >Network Support Services (8208000/TC-B078000)	Network Systems Engineering Technology, AS
CET 1610C	Cisco Router Fundamentals		3	ICND 1 or CCNA	>Computer Systems & Information Technology (9001200/TC-Y100200) >Computer Systems Technology (8732100/TC-I470104) >Computer Systems Technology II (TC-PSAV-J500200)	Network Systems Engineering Technology, AS

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CET 2615C CET 2620C	Scaling Networks Connecting Networks		6	ICND 2 or CCNA	>.NET Application Developmnet & Programming (9007400) (TC-Y700400) >Computer Systems & Information Technology (TTC) (9001200) (TC-Y100200) >Network Support Services (RTC) (8208000) (TC-B078000)	Network Systems Engineering Technology, AS
CTS 2664C	CCNA Security		3	Cisco Exam 210-260	>Computer Systems & Information Technology (9001200/TC-Y100200) >Computer Systems Technology (8732100/TC-I470104) >Computer Systems Technology I (TC-PSAV-J500100) >Network Support Serv.(8208000/TC-B078000)	Network Systems Engineering Technology, AS
CTS 2110C	A+ Practical Applications		3	CompTIA 220-902 Exam	>Modeling and Simulation (9005200) >Computer Systems & Information Technology (9001200/TC-Y100200) >Network Support Serv. (8208000/TC-B078000)	Network Systems Engineering Technology, AS
CGS 1061	Introduction to Computers		3	IC4 Certification Exam	>Accounting Applications (8302100) >Admin. Office Spec. (8212500/TC-B070330) >Business Mgmt & Analysis (8301100) >Computer Systems & Information Technology (9001200/TC-Y100200) >Customer Assistance Technology (8218100) >Customer Serv. Rep. (8848100) >Digital Design (8209600) (TC-K700100/K700200) >Diversified Coop. Training (8303000) >Finance (8815100) >Hospitality & Tourism (8845100) >Legal Admin. Spec. (8212000/TC-B072000P) >Marketing (9200500) >Medical Admin. Spec. (8212300/TC-B070300P) >Web Development (9001100)	Criminal Justice, AS; Engineering Technology,AS; Medical Coding Specialist, CCC; ------------------------------ May possibly be used for General or Technical Elective requirement in other AS Degrees
CGS 1100	Computer Applications for Business		3	MS Office Specialist exams in Word, Excel, Power Point, and Outlook	>Accounting Applications (8302100) >Business Mgmt & Analysis (8301100) >Admin. Office Spec. (8212500/TC-B070330P) >Legal Admin Spec. (8212000/TC-B072000P) >Medical Admin. Spec. (8212300/TC-B070300P) >Diversified Coop. Training (8303000) >Marketing (9200500) >Finance (8815100) >Global Logistics/Supply Chain (9503100) >Web Development (9001100) >Hospitality & Tourism (8845100)	Accounting Technology, AS; Business Administration, AS (All 5 Concentrations); Computer Systems and Business Analysis, AS; Supply Chain Management, AS
CGS 1510	Spreadsheet Fundamentals		3	MOS Expert Excel test	>Accounting Applications (8302100) >Business Mgmt & Analysis (8301100) >Admin. Office Spec. (8212500/TC-B070330P) >Legal Admin Spec. (8212000/TC-B072000P) >Finance (8815100) >Hospitality & Tourism (8845100) >Customer Service Rep. (8848100)	Accounting Technology, AS; Engineering Technology, AS

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CGS 2820C	Web Development Fundamentals	DE Option at GJHS & LRHS	3	Passing grade on the ACA Exam for Web Communication with Adobe Dreamweaver CC AND a portfolio that includes a student created website using HTML & CSS that is visually appealing and adheres to current web standards. The portfolio should be submitted to and approved by the Digital Media Program Coordinator or Director.	>Digital Design (8209600) (TC-K700100) >Digital Media Technology (9005100) >Digital Media/Multimedia Design (8201200) >Web Development (9001100)	Digital Media-Graphic Design, Video Production or Web Production, AS
COP 1000	Introduction to Computer Programming		3	Microsoft Technology Associate (MTA) Software Development Fundamentals Exam Number 98-361 or Comprehensive Test	>Cybersecurity (9001300)	Computer Systems and Business Analysis, AS;
COP 1170	Programming in Visual Basic		3	Microsoft Technology Associate (MTA) MS .NET Fundamentals Exam Number 98-372	>Applied Robotics, Robotic Engineering Technologies track (9410100)	Computer Systems and Business Analysis, AS
GRA 2120C	Page Design and Layout		3	Comprehensive test on page design & layout principles AND a well-designed portfolio that includes a flyer, multi-panel brochure, multi-page restaurant menu or magazine, and a book design with cover and spine. The portfolio must be professional in appearance and design and should be submitted to and approved by the Digital Media Program Coordinator or Director.	>Communications Technolgy (8601000) >Digital Design (8209600) (TC-K700100) >Digital Media Technology (9005100) >Digital Video Technology (8201400) >Marketing (9200500) >Television Production Technology (8201500) >Web Development (9001100)	Digital Media-Graphic Design, Video Production or Web Production, AS
DIG 2000C	Introduction to Digital Media	DE Option	3	Comprehensive test AND portfolio that includes before/after images edited in Adobe Photoshop, audio recording edited professionally using Adobe Audition or similar tool, and video footage captured and edited professionally to create a short film or video story. Portfolio must be professional in appearance and design and should be submitted to and approved by the Digital Media Program Coordinator or Director.	>Digital Design (8209600) (TC-K700100) >Digital Media Technology (9005100) >Digital Media/Multimedia Design (8201200) >Digital Video Technology (8201400) >Television Production Technology (8201500) >Web Development (9001100)	Digital Media-Graphic Design, Video Production or Web Production, AS
DIG 2030C	Digital Video and Sound		3	Passing grade on the ACA Exam for Video Communication with Adobe Premiere or passing grade on Final Cut Pro-version 10 Level 1 exam AND a video portfolio that includes a student-created short film or video edited professionally.	>Digital Design (8209600) (TC-K700100) >Digital Media Technology (9005100) >Digital Media/Multimedia Design (8201200) >Digital Video Technology (8201400) >Television Production Technology (8201500) >Web Development (9001100)	Digital Media-Graphic Design, Video Production or Web Production, AS
DIG 2109C	Digital Imaging Fundamentals		3	Passing grade on the ACA Visual Communication Exam with Adobe Photoshop and ACA Graphic Design and Illustration with Adobe Illustrator AND a portfolio showcasing three before/after images edited in Adobe Photoshop and three pieces of artwork created or edited in Adobe Illustrator.	>Communications Technolgy (8601000) >Digital Design (8209600) (TC-K700100) >Digital Media Technology (9005100) >Digital Media/Multimedia Design (8201200) >Web Development (9001100)	Digital Media-Graphic Design, Video Production or Web Production, AS
EET 1084C-1, EET 1084C-2, EET 1084C-T	Introduction to Electronics		3	Exam prepared by program director and administered by PCSB instructor	>Energy Technician (9700300) (TC-X600600) >Power and Energy Technology (8601300) >Advanced Technology Applications (8601900) >Electronics Technology (8600900)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication

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EET 1084C-2	Introduction to Electronics		1	Exam wrtten by ET Program Director	>Engineering Pathways (9400300) (Course #: 8600530-Digital Electronics)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETD 1320C-1, ETD 1320C-2, ETD 1320C-T	Computer Aided Drafting	DE Option	3	Autodesk Certified Professional (Inventor) Code ADESK024 OR Autodesk Certified User (Inventor) Code ADESK 011	>Applied Robotics (9410100) >Drafting and Illustrative Design (8600800) >Technical Design (8401000) >Engineering Technology (8607000) >Production Technology (8604000) >Materials and Process Technology (8601100) >Drafting (TC-C100200)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETD 1320C-1, ETD 1320C-2, ETD 1320C-T	Computer Aided Drafting	DE Option	3	Successfully pass Drafting 1, 2, and 3 with minimum grade of "C" AND successfully pass ADESK002 certification exam.	>Drafting 1, 2, 3 (8725000)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETD 1320C-1	Computer Aided Drafting	DE Option	1	Audodesk User or Exam wrtten by ET Program Director	>Engineering Pathways (9400300) (Course #: 8600550-Introduction to Engineering Design)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETD 2364C-1, ETD 2364C-2, ETD 2364C-T	3D Modeling (Solidworks)	DE Option	3	Certified SolidWorks Associate OR Certified SolidWorks Professional	>Modeling & Simulation (9005200) >Applied Robotics (9410100) >Technical Design (8401000) >Engineering Technology (8607000) >Production Technology (8604000) >Materials and Process Technology (8601100) >Drafting (TC-C100200)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETI 1002C-1, ETI 1002C-2, ETI 1002C-T	Introduction to Advanced Manufacturing	DE Option	3	Student must attain (MSSC) Certified Production Technician (CPT) certification for college credit to be awarded	>Advanced Manufacturing Technology (9200200)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETI 1110C-1, ETI 1110C-2, ETI 1110C-T	Introduction to Quality	DE Option	3	Student must attain (MSSC) Certified Production Technician (CPT) certification for college credit to be awarded	>Advanced Manufacturing Technology (9200200) (TC-J100200)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETI 1420C-1, ETI 1420C-2, ETI 1420C-T	Manufacturing Processes and Materials	DE Option	3	Student must attain (MSSC) Certified Production Technician (CPT) certification for college credit to be awarded	>Advanced Manufacturing Technology (9200200)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETI 1420C-1 ETI 1420C-2	Manufacturing Processes and Materials	DE Option	2	Exam Written by ET Program Director	>Engineering Pathways (9400300) (Course #: 8600520-Principles of Engineering and 8600560-Computer Integrated Manufacturing)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETI 1701C-1, ETI 1701C-2, ETI 1701C-T	Industrial Safety	DE Option	3	Student must attain (MSSC) Certified Production Technician (CPT) certification for college credit to be awarded	>Advanced Manufacturing Technology (9200200) >Energy Technician (9700300) (TC-X600600) >Power and Energy Technology (8601300) >Advanced Technology Applications (8601900)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication

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ETI 1931C	Special Topics in Modern Manufacturing.	DE Option	3	Student must submit official HS transcript indicating minimum letter grade of "C" on all four courses of the Robotics program. >9410110 Foundations of Robotics >9410120 Robotic Design Essentials >9410130 Robotic Systems >9410140 Robotic Applications Capstone	>Applied Robotics (9410100)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETI 1931C	Special Topics in Modern Manufacturing.	DE Option	3	Exam Written by ET Program Director	>Applied Engineering Technology (8401100) (Course #: 8401110 , 8401120 and 8401130)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETM 1010C-1, ETM 1010C-2, ETM 1010C-T,	Mechanical Measurement & Instrumentation	DE Option	3	Student must attain (MSSC) Certified Production Technician (CPT) certification for college credit to be awarded.	>Advanced Manufacturing Technology (9200200)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETS 1511C-1, ETS 1511C-2, ETS 1511C-T	Motors and Controls	DE Option	3	Exam prepared by program director and administered by PCSB instructor	>Advanced Manufacturing Technology (9200200) >Energy Technician (9700300) (TC-X600600) >Power and Energy Technology (8601300) >Advanced Technology Applications (8601900)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
ETS 1542C-1, ETS 1542C-2, ETS 1542C-T	Introduction to Programmable Logic Controllers	DE Option	3	Exam prepared by program director and administered by PCSB instructor	>Advanced Manufacturing Technology (9200200) >Energy Technician (9700300) (TC-X600600) >Power and Energy Technology (8601300) >Advanced Technology Applications (8601900)	Engineering Technology, AS: Advanced Manufacturing or Mechanical Design & Fabrication
TRA 1154	Introduction to Supply Chain Management	DE Option	3	Global Logistics Associate (GLA) Certification; OR Completion of both: Certified Logistics Associate (CLA) & Certified Logistics Technician (CLT)	>Global Logistics and Supply Chain Technology Program (9503100) including: Global Logistics & Supply Chain Technology (9503110); Digital Information Technology (8207310); Global Logistics Operations (9503130); Global Logistics Management (9503140)	Supply Chain Management, AS
TRA 2010	Transportation & Distribution		3	Global Logistics Associate (GLA) Certification; OR Completion of both: Certified Logistics Associate (CLA) & Certified Logistics Technician (CLT)	>Global Logistics and Supply Chain Technology Program (9503100) including: Global Logistics & Supply Chain Technology (9503110); Digital Information Technology (8207310); Global Logistics Operations (9503130); Global Logistics Management (9503140)	Supply Chain Management, AS
CGS 1100	Computer Applications for Business		3	Global Logistics Associate (GLA) Certification; OR Completion of both: Certified Logistics Associate (CLA) & Certified Logistics Technician (CLT)	>Global Logistics and Supply Chain Technology Program (9503100) including: Global Logistics & Supply Chain Technology (9503110); Digital Information Technology (8207310); Global Logistics Operations (9503130); Global Logistics Management (9503140)	Supply Chain Management, AS
ASC 1010	Foundations of Air Transportation	DE Only	3	Dual Enrollment	Available at CFAA as Dual Enrollment	Aerospace Administration, AS; Professional Pilot Science, AS
ASC 1310	US & International Aviation Operations	DE Only	3	Dual Enrollment	Available at CFAA as Dual Enrollment	Aerospace Administration, AS; Professional Pilot Science, AS
ASC 1550	Flight Planning & Performance	DE Only	3	Dual Enrollment	Available at CFAA as Dual Enrollment	Professional Pilot Science, AS

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ASC 1600C	Maintenance For Pilots		3	Federal Aviation Administration Airframe & Powerplant Aviation Maintenance Technician credential	>Students who earn Federal Aviation Administration Airframe & Powerplant Aviation Maintenance Technician credential	Professional Pilot Science, AS
ASC 1610	Aircraft Systems & Components	**DE Option**	3	>Federal Aviation Administration Airframe & Powerplant Aviation Maintenance Technician credential >Dual Enrollment at CFAA	>Students who earn Federal Aviation Administration Airframe & Powerplant Aviation Maintenance Technician credential >Available at CFAA as Dual Enrollment	Professional Pilot Science, AS
AMT 9999	Block of Credit		30	FAA Airframe and Powerplant Certificates; 30 credit agreement requires the student pass the FAA written and oral exam and receive the FAA license.	>FAA Airframe and Powerplant Certificate Airframe: FEDAA004 / Powerplant: FEDAA010	Aviation Maintenance Admin., AS