

Owensboro Community & Technical College

Discipline Faculty Requirements

Program/Discipline	Course Number	Course Title	Credential Requirements
Agriculture Technology	AGR 240 AGR 250	Introduction to Animal Science Introduction to Plant/Crop Production	Appropriate industry license and/or experience for faculty in the technical field
Allied Health	CLA 131	Medical Terminology form Greek and Latin	Appropriate industry license and/or experience for faculty in the technical
Associate in Arts & Associate in Science	COM 181 ENG 101 ENG102 MAT 150 BIO 112/113 PHY 201/202 PHY 203/204	Basic Public Speaking Writing I Writing II College Algebra Introduction to Biology & Lab College Physics & Lab College Physics II & Lab	Masters degree & 18 graduate hours in the discipline area
Automotive Technology	ADX 120/121 AUT 110/111 AUT 160/161	Basic Automotive Electricity & Lab Brake Systems & Lab Suspension and Steering & Lab	Appropriate industry license and/or experience for faculty in the technical
Business Studies- Business Administration Systems	ACT 101 BAS 120	Fundamentals of Accounting I Personal Finance	MBA required to teach these courses
Business Studies-Office Systems Technology	OST 100 OST 101	Keyboarding Keyboarding and Intro to Document Formatting	Appropriate industry license and/or experience for faculty in the technical
Construction Technology	CAR 126/127 CAR 190/191 CAR 196/197	Introduction to Construction & Lab Light Frame Construction I & Lab Light Frame Construction II & Lab	Appropriate industry license and/or experience for faculty in the technical
Education	EDU 201	Introduction to American Education	Masters degree & 18 graduate hours in the discipline area
Engineering and Electronics Technology	ELT 110	Circuits I	Appropriate industry license and/or experience for faculty in the technical
Information Technology	CIT111 CIT120 CIT149 CIT155 CIT157 CIT160 CIT260	Computer Hardware and Software Computational Thinking Java I Web Page Development Website Design and Production Introduction to Networking Concepts Network Hardware Installation & Troubleshooting	Appropriate industry license and/or experience for faculty in the technical

Machine Tool Technology	CMM 110 CMM 120 CMM 130 CMM 132 CMM 112	Fundamentals of Machining Tool A Applied Machining I Manual Programming CAD/CAM/CNC Fundamentals of Machining Tool B	Appropriate industry license and/or experience for faculty in the technical
Manufacturing Industrial Technology-Industrial Maintenance Technology	IMT 150/151	Maintaining Industrial Equipment I & Lab	Appropriate industry license and/or experience for faculty in the technical
Nursing	NAA 100	Nursing Assistant Skills I	Appropriate industry license and/or experience for faculty in the technical
Welding Technology	WLD100/101 WLD 152	OXY-Fuel Systems & Lab Basic Welding B	Appropriate industry license and/or experience for faculty in the technical