

Recommended Computer Specifications by College Program

June 2020

NOTES

- used IT software spreadsheets for reference
- if computer specs blank, software not indicated in our spreadsheet
- some apps on spreadsheets outdated (used latest version specs)

Program Name (Code)	Computer specs required (minimum recomm.)	Software Titles used in program
A.C.E. (Academic & Career Entrance) - K972		
Academic & Career Entrance & College & Employ. Prep. - C772		
Advanced Medical Esthetics Practitioner - H912	CPU: Intel i3 up, 2GHz, RAM: 4GB, OS: Win8 Pro or Win10 Pro	Milano (Specs for 3PC Server, CPU: Intel i3 up, 2GHz, RAM: 4GB, OS: Win8 Pro or Win10 Pro)
Advertising & Marketing Communications Management - B875		
Animation 2D/3D - T993	CPU: Intel i5 multicore (64bit), RAM: 8GB, OS: Windows 10 (64bit), Video: Nvidia Quadro, GeForce GTX/RTX, Radeon R9, Radeon Pro W, FirePro W, 1280x800, 2GB RAM	<p>Adobe CC (Specs to run any CC app-CPU: Intel i5, RAM: 8GB, OS: Win10 (64bit), Video: 2GB RAM, 1280x800)</p> <p>Autodesk Maya 2016 (Specs for 2020, CPU: 64bit Intel/AMD multicore, RAM: 8GB, Video: see Autodesk website)</p> <p>ToonBoom Harmony 12 (CPU: Intel Core 2 duo up, RAM: 4GB, OS: Win 7,8 (64bit), Video: 1280x800 res, Intel HD 4000, GT520 up)</p> <p>Autodesk Arnold (CPU: SSE4.1 support, OS: Win7 up)</p> <p>Motionbuilder (Specs for 2020, CPU: 64bit Intel/AMD multicore, RAM: 8GB, Video: see Autodesk website)</p> <p>Mudbox (Specs for 2020, CPU: 64bit Intel/AMD multicore, RAM: 8GB, Video: see Autodesk website)</p> <p>Sketchbook Pro (Specs for v2021 - CPU: 2.5GHz Intel/AMD, RAM: 4GB, OS: Windows 10, Video: 256MB RAM w/OpenGL 2.0)</p>
Architectural Technology - T020	<p>Operating System: 64-bit Microsoft Windows 10 or Windows 11. See Autodesk's Product Support Lifecycle for support information.</p> <p>CPU Type: Intel i-Series, Xeon, AMD Ryzen, Ryzen Threadripper PRO. 2.5 GHz or Higher. Highest CPU GHz recommended. Autodesk Revit software products will use multiple cores for many tasks.</p> <p>Memory: 32-GB RAM</p> <ul style="list-style-type: none"> • Usually sufficient for a typical editing session for a single model up to approximately 600 MB on disk. This estimate is based on internal testing and customer reports. Individual models will vary in their use of computer resources and performance characteristics. • Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process. <p>Video Display Resolutions: Minimum: 1680 x 1050 with true color</p>	<p>AutoCAD 2016 / 2019 (AutoCAD 2020 Specs - OS: Win7-SP1 (64bit), Win8.1 (64bit), Win10 (64bit), CPU: 2.5GHz, RAM 8GB, Display: 1920x1080)</p> <p>Adobe CC 2018 (Specs to run any CC app-CPU: Intel i5, RAM: 8GB, OS: Win10 (64bit), Video: 2GB RAM, 1280x800), (MacOS 10.13)</p> <p>Autodesk Revit 2017 (Specs for Revit 2020-CPU: Intel or AMD, RAM: 8GB, Video: 1280x1024 true color, OS: Windows 10 (64bit))</p> <p>Sketchup Pro 2017 (Specs for 2020, CPU: 1GHz, RAM: 4GB, Video: 3D Card w/512MB Ram, OpenGL 3.1)</p> <p>AutoCAD Civil 3D 2017 - (Specs for v2020-CPU: 2.5GHz, RAM: 16GB, OS: Windows (64bit) v7 SP1, 8.1, 10, Display: 1920x1080 True Color)</p> <p>Sage 300 - Timberline (Spec for Sage 300 Constr&Real Est. 2020, CPU: multicore Intel i3 up, RAM: 8GB, OS: Win8.1, Win10 (64bit, Pro&Enterprises eds. only)</p>
Autism & Behavioural Science - B935		
Autism & Behavioural Science (Alternate Delivery) - B995		

Biomedical Engineering Technlgy - Equipment & Devices - T7	CPU:2.5GHz, RAM:8GB, OS:Windows 7 SP1 (64bit) or better, Display:1920x1080	Microsoft Office 365 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up) AutoCAD 2019 (AutoCAD 2020 Specs - OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), CPU:2.5GHz, RAM 8GB, Display:1920x1080)
Border Services - B961		
Border Services (Fast Track) - K967		
Business - B600		
Business - K600		
Business - M977		
Business - Accounting - B010	CPU: Dual core 2.5GHz, RAM:4GB, OS:Windows 10 Pro	Microsoft Office 365 (CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up) Sage 50 2019 (Specs for Sage 50 v2020-CPU:2GHz, RAM:4GB, OS: Windows 7 up, Video:1280x800) Cantax (Specs for Cantax 2019- CPU:Dual core, OS:Windows 8.1 and up (for Pro. Version) Sage 300 ERP - ACCPAC 6.x SQL (Specs for Sage 300 v2019-CPU:Core i3, RAM: 4GB, OS: Windows 7, 10)
Business - Accounting - K150	CPU: Dual core 2.5GHz, RAM:4GB, OS:Windows 10 Pro	Microsoft Office 365 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up) Sage 50 2019 (Specs for Sage 50 v2020-CPU:2GHz, RAM:4GB, OS: Windows 7 up, Video:1280x800) Cantax (Specs for Cantax 2019- CPU:Dual core, OS:Windows 8.1 and up (for Pro. Version) Sage 300 ERP - ACCPAC 6.x SQL (Specs for Sage 300 v2019-CPU:Core i3, RAM: 4GB, OS: Windows 7, 10)
Business - Marketing - B012		
Business Administration - Accounting - B007	CPU: Dual core 2.5GHz, RAM:4GB, OS:Windows 10 Pro	Microsoft Office 365 (CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS) Sage 50 2019 (Specs for Sage 50 v2020-CPU:2GHz, RAM:4GB, OS: Windows 7 up, Video:1280x800) Cantax (Specs for Cantax 2019- CPU:Dual core, OS:Windows 8.1 and up (for Pro. Version) Sage 300 ERP - ACCPAC 6.x SQL (Specs for Sage 300 v2019-CPU:Core i3, RAM: 4GB, OS: Windows 7, 10)
Business Administration - Finance - B851	CPU:1.6GHz,dual core, RAM:4GB for 64bit OS, 2GB for 32bit OS, OS:Windows 8.1 (not Basic, or Education), Windows 10, (not Education or Home Editions.)	Microsoft Office 365 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up) Cantax (Specs for Cantax 2019- CPU:Dual core, OS:Windows 8.1 and up (for Pro. Version)
Business Administration - Human Resources - B880	CPU:1.6GHz,dual core, RAM:4GB for 64bit OS, 2GB for 32bit OS, OS:Windows 8.1 and up)	MS Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Windows 8.1 and up)
Business Administration - Marketing - B009		
Cardiovascular Technology - H794		
Carpentry and Renovation Techniques - T965		
Chemical Laboratory Technology - T836	CPU: Intel i5, RAM:8GB, OS:Windows 10, (recommended, not min.)	Bio-Rad Knowitall 9.6.x - CPU: Intel i5, RAM:8GB, OS:Windows 7, 8, 10 ACD/Labs ChemsSketch v12 (Specs for 2020 Client-Side apps, RAM:8GB, OS:Windows 10)
Child and Youth Care - B992		
Child and Youth Care - Accelerated - K994		

Civil Engineering Technology - T154	CPU: Intel i3 multicore, 2.5GHz, RAM:8GB, OS:Windows 8.1 64bit Pro, Video:1920x1080, True Color	<p>AutoCAD 2017/2019 (AutoCAD 2020 Specs - OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), CPU:2.5GHz, RAM 8GB, Display:1920x1080)</p> <p>Sage 300 - Timberline v9.2.1 (Spec for Sage 300 Constr&Real Est. 2020, CPU:multicore Intel i3 up, RAM: 8GB, OS:Win8.1, Win10 (64bit,Pro&Enterprises eds. only)</p> <p>Revit 2017 (Specs for Revit 2020-CPU:Intel or AMD, RAM: 8GB, Video:1280x1024 true color, OS:Windows 10 (64bit)</p> <p>Map 3D 2017 (Specs for v2019 - CPU:2.5GHz, RAM:16GB, OS:Windows 7 SP1 (64bit), Video:1920x1080 True Color)</p> <p>EPA SWMM (not specified)</p>
Community & Justice Services - B603		
Community Integration through Cooperative Education - C365		
Computer Programming - T850	Windows or MAC computer (Laptop or Desktop) relatively new with moderate system requirements. Minimum 16 GB of RAM and 500 GB SSD Hard drive. Contact the program coordinator for the current specification requirements	Latest Operating Systems. Current Browsers. Software needs will be addressed by each individual course. Most required software will be free to use or free to use as a student. Contact the program coordinator for further information
Computer Systems Technician - Networking - T860	CPU: Intel i5 8th Gen or higher/AMD Ryzen 3000 series or higher Current Operating System (e.g., Windows 10/11) Min. 16GB RAM Web camera Microphone / Headset External HD Monitor:1920x1080 minimum Robust Internet Connection (30~50 Mbps)	<p>MS Office Pro Plus 2013 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up)</p> <p>Alice 3 - RAM:1GB, OS:Windows 7,8,10 (32 or 64bit vers.), Display:1024x768</p> <p>Filezilla (OS:Windows 7 up (32 or 64bit)</p> <p>Firefox Firebug (Firefox extension - discontinued)</p> <p>Notepad ++ 6.8/7.4.2 (32 and 64bit versions available)</p> <p>Atom 1.17.2 (Specs for V1.48, OS:Windows 7 and up (64bit))</p> <p>Bare Bones BBEdit 11 (Mac OS 10.14.2)</p> <p>Brackets 1.9 (OS:Windows 7, 8 or 10)</p> <p>Google Chrome 58 (CPU:Intel Pentium 4 or later, OS: Windows 7 or later)</p> <p>Jetbrains PHPStorm - 2017.1.4 (RAM:2GB, OS:Windows 8 (64bit) and up, Display:1024x768)</p> <p>Mozilla Firefox 53 (Specs for v77 - CPU:Pentium 4, RAM:512MB, 2BG(64bit), OS:Windows 7, 8, 10 (32&64 bit)</p>
Computer Systems Technician - Networking - M979	CPU:dual core 1.6GHz, RAM:4GB, OS:Windows 8 (64bit)	<p>MS Office Pro Plus 2013 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up)</p> <p>Alice 3 (RAM:1GB, OS:Windows 7,8,10 (32 or 64bit vers.), Display:1024x768)</p> <p>Filezilla (OS:Windows 7 up (32 or 64bit)</p> <p>Firefox Firebug (Firefox extension - discontinued)</p> <p>Notepad ++ 6.8/7.4.2 (32 and 64bit versions available)</p> <p>Atom 1.17.2 (Specs for V1.48, OS:Windows 7 and up (64bit))</p> <p>Bare Bones BBEdit 11 (Mac OS 10.14.2)</p> <p>Brackets 1.9 (OS:Windows 7, 8 or 10)</p> <p>Google Chrome 58 - (CPU:Intel Pentium 4 or later, OS: Windows 7 or later)</p> <p>Jetbrains PHPStorm - 2017.1.4 (RAM:2GB, OS:Windows 8 (64bit) and up, Display:1024x768)</p> <p>Mozilla Firefox 53 (Specs for v77 - CPU:Pentium 4, RAM:512MB, 2BG(64bit), OS:Windows 7, 8, 10 (32&64 bit)</p>

Computer Systems Technology - Networking - T861	CPU: Intel i5 8th Gen or higher/AMD Ryzen 3000 series or higher Current Operating System (e.g., Windows 10/11) Min. 16GB RAM Web camera Microphone / Headset External HD Monitor:1920x1080 minimum Robust Internet Connection (30~50 Mbps)	MS Office Pro Plus 2013 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up) Alice 3 (RAM:1GB, OS:Windows 7,8,10 (32 or 64bit vers.), Display:1024x768) Filezilla (OS:Windows 7 up (32 or 64bit)) Firefox Firebug (Firefox extension - discontinued) Notepad ++ 6.8/7.4.2 (32 and 64bit versions available) Atom 1.17.2 (Specs for V1.48, OS:Windows 7 and up (64bit)) Bare Bones BBEEdit 11 (Mac OS 10.14.2) Brackets 1.9 (OS:Windows 7, 8 or 10) Google Chrome 58 - (CPU:Intel Pentium 4 or later, OS: Windows 7 or later) Mozilla Firefox 53 (Specs for v77 - CPU:Pentium 4, RAM:512MB, 2BG(64bit), OS:Windows 7, 8, 10 (32&64 bit)) MS Project 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS) MS Visio (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS)
Construction Engineering Technician - T036	CPU:Intel i3, 2.5GHz, RAM:8GB, OS:Windows 10 Pro (64bit), Display:1920x1080	AutoCAD 2017/2019 (AutoCAD 2020 Specs - OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), CPU:2.5GHz,RAM 8GB, Display:1920x1080) Sage 300 - Timberline v9.2.1 (Spec for Sage 300 Constr&Real Est. 2020, CPU:multicore Intel i3 up, RAM: 8GB, OS:Win8.1, Win10 (64bit,Pro&Enterprises eds. only)
Construction Project Management - T046		
Culinary Management - B395	CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS	MS Office Pro Plus 2013 , (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS)
Data Analytics for Business - B018	CPU: 64-bit current generation Intel i5 or i7 (preferred) or AMD equivalent, RAM: 8 GB (16 GB of RAM Preferred), 1 TB hard drive, Ethernet Network Card, Wireless Network Card, One USB 3.0 port (two preferred), 3 Yr. comprehensive parts and labour (Recommended)	Windows 10 Professional Edition or newer
Data Analytics for Business - M018	CPU: 64-bit current generation Intel i5 or i7 (preferred) or AMD equivalent, RAM: 8 GB (16 GB of RAM Preferred), 1 TB hard drive, Ethernet Network Card, Wireless Network Card, One USB 3.0 port (two preferred), 3 Yr. comprehensive parts and labour (Recommended)	Windows 10 Professional Edition or newer
Dental Assisting - Level I & II - H915	CPU: Intel Core i5, RAM:4GB/64bit OS), Screen: 1024x768	Eaglesoft - CPU: Intel Core i5, RAM:4GB/64bit OS), Screen: 1024x768
Dental Hygiene - H800	CPU: Intel Core i5, RAM:4GB/64bit OS), Screen: 1024x768	Eaglesoft - CPU: Intel Core i5, RAM:4GB/64bit OS), Screen: 1024x768
Developmental Services Worker - K200		
Developmental Services Worker - Accelerated - K824		
Diagnostic Medical Sonography - H796		
Early Childhood Education - B101		
Early Childhood Education - K240		
Early Childhood Education - Accelerated - B820		
Earn While You Learn - -		
Educational Support - B899	CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS:Windows 8.1	Microsoft Office Pro Plus 2013 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up) Clicker 5 English US Standalone (Specs for Clicker 8- OS:Windows 8.1 or 10) Dragon Naturally Speaking v12 (CPU:1GHz Pentium or equal, RAM:2GB for Win7,8, OS:Windows 7, 8)

Electrical Engineering Technician - K788	CPU: Intel i5, 2.5GHz, RAM: 16GB, OS: Windows 10 Pro (64bit), Video: 1920x1080, 3D, 2GB RAM True Color	Autocad 2016 / 2019 (AutoCAD 2020 Specs - CPU: 2.5GHz, RAM 8GB, OS: Win7-SP1(64bit), Win8.1(64bit), Win10(64bit), Display: 1920x1080) Adobe CC 2018 (Specs to run any CC app - CPU: Intel i5, RAM: 8GB, OS: Win10(64bit), Video: 2GB RAM, 1280x800), (MacOS 10.13) Autodesk Revit 2017 (Specs for Revit 2020 - CPU: Intel or AMD, RAM: 8GB, Video: 1280x1024 true color, OS: Windows 10 (64bit)) Sketchup Pro 2017 (Specs for 2020, CPU: 1GHz, RAM: 4GB, Video: 3D Card w/512MB Ram, OpenGL 3.1) AutoCAD Civil 3D 2017 (Specs for v2020 - CPU: 2.5GHz, RAM: 16GB, OS: Windows (64bit) v7 SP1, 8.1, 10, Display: 1920x1080 True Color) Sage 300 - Timberline (Spec for Sage 300 Constr&Real Est. 2020, CPU: multicore Intel i3 up, RAM: 8GB, OS: Win8.1, Win10 (64bit Pro&Enterprises eds. only))
Electrical Techniques - T947		
Electrical Techniques - K731		
Electromechanical Engineering Technician - Robotics - T974	CPU: 2.5GHz, RAM: 8GB, OS: Windows 7-SP1(64bit), Display: 1920x1080, 512MB RAM	AutoCAD 2019 (AutoCAD 2020 Specs - CPU: 2.5GHz, RAM 8GB, OS: Windows 7-SP1(64bit), Windows 8.1(64bit), Windows 10(64bit), Display: 1920x1080) USG NX10.x - (OS: Windows 7(64bit) Pro & Enterprise, Win8, 8.1 RAM: 7GB (Win7), Video: 256MB RAM) Automation Studio 5.7 (Specs for v6.4 Edu. - CPU: Intel Core, RAM: 4GB, OS: Windows 7 SP1 and up Pro (32 or 64bit), Video: 512MB RAM)
Electromechanical Engineering Technology - Robotics - T976	CPU: Multicore i5, 2.5GHz, RAM: 8GB, OS Windows 7 SP1 up, Display: 1920x1080, 512MB dedicated graphics card	AutoCAD 2019 (AutoCAD 2020 Specs - OS: Win7-SP1(64bit), Win8.1(64bit), Win10(64bit), CPU: 2.5GHz, RAM 8GB, Display: 1920x1080) USG NX10.x (OS: Win7-64bit Pro & Enterprise, Win8, 8.1 RAM: 7GB (Win7), Video: 256MB RAM) Automation Studio 5.7 (Specs for v6.4 Edu. - CPU: Intel Core, RAM: 4GB, OS: Windows 7 SP1 and up Pro (32 or 64bit), Video: 512MB RAM) MS Office Pro Plus 2016 (Specs for Office 365 - CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS) Dassault Systemes Catia 5.x (CPU: Multicore i5 and up (64bit), RAM: 4GB, OS: Windows 7 or 10 (64bit), Video: Dedicated graphics card) MDESIGN 13 (Current specs - CPU: , RAM: 4GB, OS: Windows 7 up, Display: 1024x768) MD Solids v4.x (OS: Windows 7, 8 & 10)

Electronics Engineering Technology - Industrial Automation - T929	CPU:Multicore i5, 2.5GHz, RAM:8GB, OS Windows 7 Pro, SP1 (64bit) or Windows 10 Pro (64bit), Display:1920x1080, 512MB dedicated graphics card	<p>AutoCAD 2019 (AutoCAD 2020 Specs - CPU:2.5GHz,RAM 8GB, OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), Display:1920x1080)</p> <p>AutoCAD Electrical 2019 (CPU:2.5GHz,RAM 8GB, OS:Win7-SP1, Win8.1(32 or 64bit),Windows 10 (64bit only), Display:1920x1080)</p> <p>NI MultiSim v. 14.1 (CPU:Pentium 4, RAM:512MB, OS:Windows 7 up (32 & 64 bit), Display:1024x768 res.)</p> <p>SMART Sync 2011 (Student computer specs - CPU:Pentium 4, RAM:256MB RAM, OS:Windows 7, Display:800x600)</p> <p>MPLAB X v3.55 - (CPU:2.6GHz Intel, RAM:1GB, OS:Windows 7,8,10 Pro)</p> <p>MPLAB XC8 C Compiler v. 1.41 (CPU:2.6GHz Intel or equiv., RAM:1GB, OS:Windows 7, 8, 10 Pro)</p> <p>MS Visio (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up)</p> <p>MS Visual Studio 2015 - (VS 2015 Pro specs-CPU:1.6GHz, RAM:1GB, OS:Windows 7 SP1 and up, Video:1024x768 DirectX-9)</p> <p>Pololu USB Boodloader Utility (Pload) v2 - (?)</p> <p>Windows PowerShell (included in Windows 10)</p> <p>Hilgraeve - Hyperterminal - (OS:Windows 7 up)</p> <p>Oshon Software - 8085 Simulator - (*)</p> <p>Automation Studio 5.7 (Specs for v6.4 Edu. - CPU:Intel Core, RAM: 4GB, OS:Windows 7SP1 and up Pro (32 or 64bit), Video: 512MB RAM)</p> <p>ABB Robot v51.5 - (Specs for RobotStudio 2019-CPU:2GHz, RAM:8GB, OS:Windows</p> <p>LogixPro 1.87 Windows 98 and up (may be out of date)</p> <p>Matlab R2013a 7.14, (CPU:Intel or AMD x86, RAM:1GB, OS:Windows 7 SP1 and above)</p> <p>RS Linx 2.59/5.8.0 (Specs for Studio 5000 Logix Des. v21-CPU:Pentium 4 2.8GHz, RAM:2GB, Display:DirectX 9, 1024x768 res.)</p> <p>RSLogix 500 9.x (Specs for Studio 5000 Logix Des. v21-CPU:Pentium 4 2.8GHz, RAM:2GB, Display:DirectX 9, 1024x768 res.)</p> <p>RSLogix 5000 17.x Pro - (Specs for Studio 5000 Logix Des. v21-CPU:Pentium 4 2.8GHz, RAM:2GB, Display:DirectX 9, 1024x768 res.)</p> <p>RSNETworx for DeviceNet 11.x-(Specs for Studio 5000 Logix Des. v21-CPU:Pentium 4 2.8GHz,</p>
English for Academic Purposes (EAP) - EAP		
Esports Administration and Entrepreneurship - B906	CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800	Adobe CC (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800)
Esthetician (Fast Track) - B912	CPU:Intel i3 up, 2GHz, RAM: 4GB, OS: Windows 8 Pro or Windows 10 Pro	Milano (Specs for 3PC Server, CPU:Intel i3 up, 2GHz, RAM: 4GB, OS: Win8 Pro or Win10 Pro)
Event Management - B908		
Fashion Design Technician - B877	CPU:Intel i5, RAM:8GB, OS:Windows 10 (64bit), Video:2GB RAM, 1280x800 resolution, AMD HD6790, Nvidia GTX550Ti or above)	<p>Adobe CC 2019 (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800)</p> <p>PADSystem 5.0 (Specs for v7.0 - CPU:i5, RAM:8GB, OS:Windows 7 or above, Video:AMD HD6790, Nvidia GTX550Ti or above (with 1GB RAM)</p>
Fitness & Health Promotion - H879	CPU:Intel i5, RAM:8GB, OS:Windows 10 (64bit), Video:2GB RAM, 1280x800 resolution	<p>Adobe CC (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800)</p> <p>Microsoft Office Pro Plus 2013 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up)</p> <p>Sketchup 2015 (Specs for 2020, CPU:1GHz, RAM:4GB, Video:3D Card w/512MB Ram, OpenGL 3.1)</p>
General Arts & Science - C862		

Graphic Design - T809	<p>Windows - CPU:Intel i5, 2.5GHz, RAM:8GB, OS:Windows 10 Pro (64bit), Video:1920x1080, 2GB RAM True Color</p> <p>Mac - macOS - 10.13 and up (Adobe CC)</p>	<p>Adobe CC 2019 (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800), (MacOS 10.13)</p> <p>Sketchup Pro 2017 (Specs for 2020, CPU:1GHz, RAM:4GB, Video:3D Card w/512MB Ram, OpenGL 3.1), (MacOS 10.13 and up)</p> <p>MS Office Pro+ 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up), (MacOS 10.12 up)</p> <p>MS Project 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS), (MacOS 10.12 up)</p> <p>Autocad 2019 (v2020 Specs - CPU:2.5GHz,RAM 8GB, OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), Display:1920x1080), (MacOS 10.13 up)</p>
Hairstyling (Fast Track) - T914		
Heating, Refrigeration & Air Conditioning Technician - T207		
Honours Bachelor of Applied Arts/Social Justice & Legal Studies - C999		
Honours Bachelor of Bus. Admin. (Info. Communication Tech.) - B699		
Hospitality - Hotel & Restaurant - B940		
Human Resources Management - B802		
Human Resources Management - M802		
Interior Design - T146	<p>CPU:Intel i5, 2.5GHz, RAM:8GB, OS:Windows 10 (64bit), Video:2GB 1920x1080</p>	<p>Adobe CC 2019 (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800), (MacOS 10.13)</p> <p>Sketchup Pro 2017 (Specs for 2020, CPU:1GHz, RAM:4GB, Video:3D Card w/512MB Ram, OpenGL 3.1)</p> <p>MS Office Pro+ 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up)</p> <p>MS Project 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS)</p> <p>Autocad 2019 (AutoCAD 2020 Specs - CPU:2.5GHz,RAM 8GB, OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), Display:1920x1080)</p> <p>3DS Max 2017 (Specs for v2017-CPU:64bit Intel or AMD, RAM:4GB, OS:Windows Pro 7 SP1,8, 8.1 or 10),Display:see website</p> <p>Corel Draw (Specs for v2020-CPU:Intel i3 or AMD Ryzen 3, RAM:4GB, OS:Windows 7, 8.1,10(32bit), Video:1280x720, OpenCL 1.2)</p> <p>3D Studio VIZ - (*)</p> <p>Revit 2017 (Specs for Revit 2020-CPU:Intel or AMD, RAM: 8GB, Video:1280x1024 true color, OS:Windows 10 (64bit)</p>
International Business Management - Logistics Systems - B999		MSR Customs Software - Web based ?
International Business Management - Logistics Systems - M999		MSR Customs Software - Web based ?

Internet Applications and Web Development - B949	Windows: CPU:i5, RAM:8GB, OS:Windows 10 (64bit), Video:2GB RAM, 1280x800 MacOS: 10.13 (Notepad ++ not compatible)	Atom 1.17.2 (Specs for V1.48, OS:Windows 7 and up (64bit)), (MacOS 10.8 up) Bare Bones BBEdit 11 (Mac OS 10.14.2) Brackets 1.9 (OS:Windows 7, 8 or 10), (MacOS 10.6 up) FileZilla 3.26 (OS:Windows 7 up (32 or 64bit), (MacOS 10.13.2) Google Chrome 58 (CPU:Intel Pentium 4 or later, OS: Windows 7 or later), (MacOS 10.10 up) Jetbrains PHPStorm - 2017.1.4 (RAM:2GB, OS:Windows 8 (64bit) and up, Display:1024x768) , (MacOS 10.13) Mozilla Firefox 53 - (Specs for v77 - CPU:Pentium 4, RAM:512MB, 2BG(64bit), OS:Windows 7, 8, 10 (32&64 bit) Notepad++ - 7.4.2 (32 and 64bit versions available), (no Mac version) Adobe CC 2017 (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800), (MacOS 10.13)
Journalism - B894	CPU:Intel i5, RAM:8GB, Windows 10 (64bit), Video:2GB, 1280x1024, 17" monitor	MS Office Pro Plus 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Win8.1 up) Adobe CC 2019 (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800), (MacOS 10.13) Audacity Audio Editor 2.x (Specs for Audacity v2.4.1 - CPU:1GHz, RAM:2GB, OS:Windows 10 (32 or 64 bit) Newsroom (current Burli Wkstn. specs - CPU:any that support Windows 10, OS:Windows 8 or 10, Display:17",1280x1024 res.) Quark Express 10.x (RAM:2GB, OS:Windows 7 SP1 and up (32 or 64bit) Premiere Pro (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800)
Landscape Horticulture - T866	CPU:Intel i5, 2.5GHz, RAM:8GB, OS:Windows 7-SP1 (64bit), Video:1920x1080, AMD R7-360 up, NVidia GTX750 up	AutoCAD 2016 (AutoCAD 2020 Specs - CPU:2.5GHz,RAM 8GB, OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), Display:1920x1080) Dynascape Color v2.51 (CPU:Intel i5 or equal, RAM:4GB, OS:Windows 7 up (32 or 64 bit), Video:AMD R7-360 up, NVidia GTX750 up) Dynascape Design v4.3 (CPU:Intel i5 or equal, RAM:4GB, OS:Windows 7 up (32 or 64 bit), Video:AMD R7-360 up, NVidia GTX750 up) Sketchup 2015 (Specs for 2020, CPU:1GHz, RAM:4GB, Video:3D Card w/512MB Ram, OpenGL 3.1)
Liberal Arts - C623		
Mechanical Engineering Technician - Industrial - T855	CPU:2.5GHz, RAM:8GB, OS:Windows 7-SP1 (64bit), Video:1920x1080, 1GB RAM, DirectX11	Automation Studio 5.7 (Specs for v6.4 Edu. - CPU:Intel Core, RAM: 4GB, OS:Windows 7SP1 and up Pro (32 or 64bit), Video: 512MB RAM) AutoCAD 2019 (AutoCAD 2020 Specs - OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), CPU:2.5GHz,RAM 8GB, Display:1920x1080) Autodesk Inventor 2020 (CPU:2.5GHz, RAM:8GB, OS:Win 7SP1(64bit), Win10(64bit), Video:1GB DirectX11)

Mechanical Engineering Tech. - Automotive Prod Design - T867	CPU:Multicore i5, 2.5GHz, RAM:8GB, OS Windows 7 SP1 up, Display:1920x1080, 512MB dedicated graphics card	MS Office Pro Plus 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS) AutoCAD 2019 (AutoCAD 2020 Specs - OS:Windows 7-SP1(64bit),Windows 8.1(64bit), Windows 10(64bit), CPU:2.5GHz, RAM 8GB, Display:1920x1080) MD Solids v4.x (OS:Windows 7, 8 & 10) Automation Studio 5.7 (Specs for v6.4 Edu. - CPU:Intel Core, RAM: 4GB, OS:Windows 7SP1 and up Pro (32 or 64bit), Video: 512MB RAM) Dassault Systemes Catia 5.x (CPU:Multicore i5 and up (64bit), RAM:4GB, OS:Windows 7 or 10 (64bit), Video:Dedicated graphics card) Matlab R2012a 7.14 (CPU:Intel or AMD x86, RAM:1GB, OS:Windows 7 SP1 and above)
Mechanical Technician - CAD/CAM - T867	CPU:Intel i7-6700, RAM:16GB, OS:Windows 10 Pro (64bit), Display:1280x1024, NVidia Quadro w/4GB RAM)	MasterCAM 2019/2020 (CPU:Intel/AMD 64bit 2.4GHz, RAM:8GB, OS:Win7,8.1,10 (64bit Pro ed.), Video:1GB RAM Card) Anilam - (*) Autodesk PowerMILL 2018/2019 (Specs for 2020, CPU:Multicore 64bit, RAM:8GB, OS:64bit Windows 7 SP1 or Windows 10, Video:Nvidia Quadro, 2GB OpenGL2.0) CIMCO Edit (CPU:1.5GHz Intel or AMD, RAM:1GB, OS:Windows 7 and up, Video:1024x768, OpenGL) Tebis v4 - (CPU:x86 chip w/64bit support, 3.0GHz, RAM:16GB, OS:Win8.1(64bit), Win 10(64bit), Video:Professional CAD graphics (Radeon Pro WX or nVidia Quadro) Vcarve Pro v 8.x (CPU:Multicore 2GHz, RAM:4GB, OS:Windows 7 up, Display:1024x768) NX 12 (RAM:4GB, OS:Windows 10 (64bit), Video:1280x1024,True Color 32 bit Modus 2 (CPU:Intel Core i7-6700, RAM:8GB, Video NVidia Quadro M w/4GB RAM)
Mechanical Techniques - Precision Metal Cutting - T923	CPU:Multicore, 64bit, 2.5GHz, RAM:16GB, OS:Windows 10 Pro (64bit), Display:1920x1080, 2GB, Radeon Pro WX or nVidia Quadro)	AutoCAD 2019 (AutoCAD 2020 Specs - CPU:2.5GHz, RAM 8GB, OS:Win7-SP1(64bit),Win8.1(64bit), Win10(64bit), Display:1920x1080) Autodesk Inventor 2020 (CPU:2.5GHz, RAM:8GB, OS:Win 7SP1(64bit), Win10(64bit), Video:1GB DirectX11) Automation Studio 5.7 (Specs for v6.4 Edu. - CPU:Intel Core, RAM: 4GB, OS:Windows 7SP1 and up Pro (32 or 64bit), Video: 512MB RAM) MasterCAM 2019/2020 (CPU:Intel/AMD 64bit 2.4GHz, RAM:8GB, OS:Win7,8.1,10 (64bit Pro ed.), Video:1GB RAM Card) Anilam - (*) Autodesk PowerMILL 2018 (Specs for 2020, CPU:Multicore 64bit, RAM:8GB, OS:64bit Windows 7 SP1 or Windows 10, Video:Nvidia Quadro, 2GB OpenGL2.0) CIMCO Edit (CPU:1.5GHz Intel or AMD, RAM:1GB, OS:Windows 7 and up, Video:1024x768, OpenGL) Tebis v4 (CPU:x86 chip w/64bit support, 3.0GHz, RAM:16GB, OS:Win8.1(64bit), Win 10(64bit), Video:Professional CAD graphics (Radeon Pro WX or nVidia Quadro) Vcarve Pro v 8.x (CPU:Multicore 2GHz, RAM:4GB, OS:Windows 7 up, Display:1024x768)

Media Convergence - B882	CPU: Intel i5 and up, RAM: 8GB, OS: Windows 10 (64bit), Display: 17", 1280x1024 res.	<p>MS Office Pro Plus 2016 (Specs for Office 365 - CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Win 8.1 up), (MacOS 10.13)</p> <p>Adobe CC (Specs to run any CC app - CPU: Intel i5, RAM: 8GB, OS: Win 10 (64bit), Video: 2GB RAM, 1280x800)</p> <p>Audacity Audio Editor 2.x - (Specs for Office 365 - CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Win 8.1 up)</p> <p>Newsroom (current Burli Wkstn. specs - CPU: any that support Windows 10, OS: Windows 8 or 10, Display: 17", 1280x1024 res.)</p> <p>Premiere Pro (Specs to run any CC app - CPU: Intel i5, RAM: 8GB, OS: Win 10 (64bit), Video: 2GB RAM, 1280x800)</p> <p>Wordpress (Specs for Server 5.2 - CPU: 1GHz, RAM 512MB, Web Server: Apache or Nginx, PHP 7.3, MySQL 5.015)</p>
Medical Laboratory Science - H837		
Medical Laboratory Technician - H299	CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Windows 8.1 up	MS Office Pro Plus 2013/ 2016 , (Specs for Office 365 - CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Win 8.1 up)
Mobile Applications Development - B990	Windows or MAC computer (Laptop or Desktop) relatively new with moderate system requirements. Minimum 16 GB of RAM and 500 GB SSD Hard drive. Contact the program coordinator for the current specification requirements	<p>Latest Operating Systems.</p> <p>Current Browsers.</p> <p>Software needs will be addressed by each individual course.</p> <p>Most required software will be free to use or free to use as a student.</p> <p>Contact the program coordinator for further information</p>
Motive Power Technician - T167		
Music Theatre Performance - A887		
Native Community Worker - K306		
Native Community Worker - K308		
Native Early Childhood Education - K951		
Nursing BScN - H850		
Nursing BScN - K950		
Occupational Therapist Assistant / Physiotherapist Assistant - K893		
Office Administration - Executive - B226	CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Windows 8.1 up	<p>MS Office Pro Plus 2013/ 2016, (Specs for Office 365 - CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Windows 8.1 up)</p> <p>Sage 50 (Specs for Sage 50 v2020 - CPU: 2GHz, RAM: 4GB, OS: Windows 7 up, Video: 1280x800)</p>
Office Administration - Executive (Fast Track) - K231	CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Windows 8.1 up	<p>MS Office Pro Plus 2013/ 2016, (Specs for Office 365 - CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Windows 8.1 up)</p> <p>Sage 50 (Specs for Sage 50 v2020 - CPU: 2GHz, RAM: 4GB, OS: Windows 7 up, Video: 1280x800)</p>
Office Administration - General - B227	CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Windows 8.1 up	<p>MS Office Pro Plus 2013/ 2016, (Specs for Office 365 - CPU: 1.6GHz, dual core, RAM: 4GB/64bit OS, 2GB/32bit OS, OS: Windows 8.1 up)</p> <p>Sage 50 (Specs for Sage 50 v2020 - CPU: 2GHz, RAM: 4GB, OS: Windows 7 up, Video: 1280x800)</p>

Office Administration - Health Services - B228	CPU:2GGHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, Video:1366x768	MS Office Pro 2013/2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Windows 8.1 up) Sage (Specs for Sage 50 v2020-CPU:2GHz, RAM:4GB, OS: Windows 7 up, Video:1280x800) Mindtap - CPU:1.8GHz multicore, RAM:2GB, Display:1366x768, DirectX 64MB SAM - CPU:1.8GHz multicore, RAM:2GB, Display:1366x768, DirectX 64MB Java Runtime 6.x (Specs for v7,8-CPU:Pentium2, 266Mhz, RAM:128MB, OS:Windows 7-SP1) Accuro EMR (CPU:2GHz, RAM:2GB, OS:Windows 8, 10, Video:1024x768)
Office Administration - Health Services - M228	CPU:2GGHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, Video:1366x768	MS Office Pro Plus 2013 / 2016 (Specs for Sage 50 v2020 -CPU:1GHz,Pro/Prem. Ed., RAM:4GB, OS: Windows 7, 8.1 or 10) Sage (Specs for Sage 50 v2020-CPU:2GHz, RAM:4GB, OS: Windows 7 up, Video:1280x800) MindTap - CPU:1.8GHz multicore, RAM:2GB, Display:1366x768, DirectX 64MB SAM - CPU:1.8GHz multicore, RAM:2GB, Display:1366x768, DirectX 64MB Java Runtime 6.x (Specs for v7,8-CPU:Pentium2, 266Mhz, RAM:128MB, OS:Windows 7-SP1) Accuro EMR (CPU:2GHz, RAM:2GB, OS:Windows 8, 10, Video:1024x768)
Office Administration - Health Services (Fast Track) - K238	CPU:2GGHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, Video:1366x768	MS Office Pro Plus 2013 / 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Windows 8.1 up) Sage (Specs for Sage 50 v2020-CPU:2GHz, RAM:4GB, OS: Windows 7 up, Video:1280x800) MindTap - CPU:1.8GHz multicore, RAM:2GB, Display:1366x768, DirectX 64MB SAM - CPU:1.8GHz multicore, RAM:2GB, Display:1366x768, DirectX 64MB Java Runtime 6.x - (Specs for v7,8-CPU:Pentium2, 266Mhz, RAM:128MB, OS:Windows 7-SP1) Accuro EMR (CPU:2GHz, RAM:2GB, OS:Windows 8, 10, Video:1024x768)
Paralegal - B897		
Paralegal - Accelerated - B959		
Paramedic - H840		
Paramedic - K940		
Personal Support Worker - H932		
Personal Support Worker - K933		
Pharmacy Technician - H812	CPU:i3, RAM:8MB,OS:Windows 10	Kroll 9.1.2.0 (not found) Pharmaclik - (Recommended CPU:i5, RAM:16MB, OS:Windows 10) Apothecare 2.x - (CPU:Pentium 4, RAM:128MB)
Plumbing Techniques - T954		
Police Foundations - B819		
Police Foundations (Fast Track) - K919		
Power Engineering Technician - T942		
Power Engineering Techniques - T940		
Power Engineering Technology - Mechanical - T941		
Powerline Technician - K766		
Practical Nursing - H863		
Practical Nursing - K963		
Pre-Health Sciences Pathway to Advanced Diplomas and Degrees - C904		
Pre-Health Sciences Pathway to Advanced Diplomas and Degrees - K904		
Pre-Service Firefighter Education and Training - T876		
Protection, Security and Investigation - B803		

Protection, Security and Investigation (Fast Track) - K813		
Public Relations - B791	CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM , 1280x800	MS Office Pro Plus 2016 (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Windows 8.1 up) Adobe CC (Specs to run any CC app-CPU:Intel i5, RAM:8GB, OS:Win10(64bit), Video:2GB RAM, 1280x800), (MacOS 10.13) Audacity Audio Editor 2.x (Specs for Audacity v2.4.1 - CPU:1GHz, RAM:2GB, OS:Windows 10 (32 or 64 bit))
Respiratory Therapy - H795		
Social Service Worker - Gerontology - B895		
Social Service Worker - Gerontology - M995		
Sport & Recreation Management - B904	CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS	MS Office Pro Plus 2013/ 2016 , (Specs for Office 365 - CPU:1.6GHz,dual core, RAM:4GB/64bit OS, 2GB/32bit OS, OS:Windows 8.1 up)
Tourism - Travel - B826		Viasinc (online E-Learning)
Veterinary Technician - H258	CPU:Intel i5 (Not AMD), RAM:4GB, OS: Windows 8 Pro (64 bit), Display:19" monitor	Alisvet 772 (PC Workstn Specs - CPU:Intel i5 and up, (NOT AMD), RAM:4GB, OS:Windows 8 Pro 64bit)) AVImark (Desktop Wkstn specs - CPU:Intel i3, RAM:4GB, OS:Windows 8.1 Pro and up, Video:19" monitor)
Web and Interactive Advertising - B792		
Welding Techniques - T949		
Woodworking Technician - T805	CPU:2.5GHz, RAM:8GB, OS:Windows 8.1 Pro (64bit), Display:1920x1080, OpenGL	AutoCAD 2019 (AutoCAD 2020 Specs - OS:Windows 7-SP1(64bit),Windows 8.1(64bit), Windows 10(64bit), CPU:2.5GHz,RAM 8GB, Display:1920x1080) Cabinet Vision Solid 9.x (CPU:1GHz, RAM: 2GB, OS:Windows 8.1 or 10 Pro versions, Video:OpenGL, 1360x768 res.)