

Sinclair/Tech Prep College Credit Options for AY 2019-20

Tech Prep students have an opportunity to earn college credit in their respective program pathways. These credits may be transcribed onto a Sinclair transcript as Articulated Award credit (AA), Proficiency credit (A#, B#, or C#), or CTAG transfer credit (CR).

Courses available to ALL program pathways <i>May be taught by or in conjunction with other core/academic teachers</i>			
Course		Course Name	Semester Hours
Proficiency Credits			
<i>BIO</i>	<i>1107/1108</i>	<i>Human Biology with Lab</i>	<i>3</i>
<i>BIS</i>	<i>1120</i>	<i>Introduction to Software Applications</i>	<i>3</i>
<i>BIS</i>	<i>1201</i>	<i>Keyboarding & Document Formatting</i>	<i>3</i>
<i>BIS</i>	<i>1301</i>	<i>Advanced Document Formatting & Keyboarding</i>	<i>3</i>
<i>BIS</i>	<i>1400</i>	<i>Customer Service</i>	<i>3</i>
<i>MAN</i>	<i>1107</i>	<i>Foundations of Business</i>	<i>3</i>
<i>MAT</i>	<i>0200</i>	<i>Algebra II</i>	<i>3</i>
<i>MAT</i>	<i>0300</i>	<i>Algebra III</i>	<i>3</i>
<i>MAT</i>	<i>1110</i>	<i>Math for Technologists</i>	<i>3</i>
<i>MAT</i>	<i>1120</i>	<i>Business Mathematics</i>	<i>3</i>
<i>MAT</i>	<i>1130</i>	<i>Mathematics in Health Sciences</i>	<i>3</i>
<i>MET</i>	<i>1131</i>	<i>Personal Computer Applications for Engineering Technology</i>	<i>1</i>

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Agricultural & Environmental Systems

A0 Agribusiness & Production Systems, A1 Industrial Power Technology, A3 Agriculture, Food & Natural Resources Bioscience, A5 Horticulture, A6 Natural Resource Management

Course		Course Name	Semester Hours
Proficiency Credits			
ACC	1100	<i>Small Business Accounting</i>	3
FST	1555	Hazardous Waste Operations & Emergency Response (HAZWOPER)	3
Articulated Credits			
AUT	1100	Consumer Automotive (A1 Industrial Power Technology ONLY)	2

A2 Animal Science & Management

Course		Course Name	Semester Hours
Proficiency Credits			
VET	1102	<i>Introduction to Veterinary Technology I</i> NEW	2
VET	1202	<i>Introduction to Veterinary Technology II</i> (Vet Tech Only) NEW	2

Arts & Communication

B0 Media Arts

Course		Course Name	Semester Hours
Proficiency Credits			
JOU	2101	Introduction to Journalism	3

There currently are no identified Sinclair CTAG equivalents.

B2 Visual Design and Imaging

Course		Course Name	Semester Hours
Proficiency Credits			
CIS	1350	<i>Web Site Development with HTML & CSS</i>	3
Proficiency Credit Granted via Portfolio Review			
VIS	1100	Design Foundations	4
VIS	1110	Design Drawing	4
VIS	1140	Design Processes I	4
VIS	1250	Print Production	4

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Business & Administrative Services/Finance/Marketing

C4 Business & Administrative Services, G2 Finance, S5 Marketing

Course		Course Name	Semester Hours
Proficiency Credits			
ACC	1100	<i>Small Business Accounting</i>	3
FIN	2450	<i>Personal Finance</i>	3
MAN	1110	<i>International Business</i>	3
MAN	2150	<i>Management & Organizational Behavior</i>	3
MRK	2100	<i>Foundations of Marketing</i>	3
MRK	2225	<i>Sales Fundamentals</i>	3

Construction Technologies

DD Structural Systems, DE Mechanical, Electrical, & Plumbing, DF Construction Design & Management

Course		Course Name	Semester Hours
Articulated Credits			
CAT	1701	Construction Craft Skills/Concrete	4
CAT	1721	Structural Framing Systems	4
CAT	1810	*Construction Techniques I (NCCER Core or Career Connections)	3
CAT	1820	*Construction Techniques II (NCCER Carpentry Level 1 or Career Connections)	3
EET	1181	*Electrical Construction I (NCCER Electrical Level 1 or Career Connections)	2

Education & Training

E0 Early Childhood Education

Course		Course Name	Semester Hours
Articulated/Proficiency Credits			
No Courses Offered			

E1 Teaching Professions

Course		Course Name	Semester Hours
Proficiency Credits			
No Courses Offered			

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Engineering & Science Technologies – Engineering & Design

F6 Engineering & Design

Course		Course Name	Semester Hours
Proficiency Credits			
CAM	1110	Advanced Machine Operations	3
Articulated Credits			
CAM	1107	Principles of Manufacturing	3
CAM	1109	Fundamentals of Tooling & Machining	3
MET	1301	*SolidWorks Basics	4

Health Science – Allied Health and Nursing

JM Allied Health & Nursing, J7 Health Information Management

Course		Course Name	Semester Hours
Proficiency Credits			
ALH	1101	<i>Introduction to Healthcare Delivery</i>	2
Articulated Credits			
ALH	1120	*Nurse Aide Training	4
ALH	1130	*Basic Life Support Training for Healthcare Provider	1
ALH	1132	*Heartsaver First Aid, CPR & AED	1

Health Science – Dental Assisting

JM Allied Health & Nursing

Course		Course Name	Semester Hours
Proficiency Credits			
ALH	1101	<i>Introduction to Healthcare Delivery</i>	2
DEH	1102	<i>Introduction to Dental Hygiene</i>	1
Articulated Credits			
ALH	1130	*Basic Life Support Training for Healthcare Provider	1
ALH	1132	*Heartsaver First Aid, CPR & AED	1

Health Science – Exercise Science and Sports Medicine

J6 Exercise Science & Sports Medicine

Course		Course Name	Semester Hours
Proficiency Credits			
ALH	1101	<i>Introduction to Healthcare Delivery</i>	2
Articulated Credits			
ALH	1130	*Basic Life Support Training for Healthcare Provider	1
ALH	1132	*Heartsaver First Aid, CPR & AED	1

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Health Science – Medical Bioscience

J0 Medical Bioscience

Course		Course Name	Semester Hours
Proficiency Credits			
<i>BIO</i>	<i>1107/1108</i>	<i>Human Biology w/Lab</i>	3
Articulated Credits			
ALH	1130	*Basic Life Support Training for Healthcare Provider	1
ALH	1132	*Heartsaver First Aid, CPR & AED	1
BTN	1110	Biotechnology & Bioethics	3
BTN	1120	Laboratory Safety & Regulatory Compliance	2

Hospitality & Tourism

L0 Culinary Arts, L1 Hospitality

Course		Course Name	Semester Hours
Proficiency Credits			
<i>MAT</i>	<i>1125</i>	<i>Math for the Culinary Arts Baking & Pastry Arts Professional</i> NEW	3
HMT	1126	Baking I	2

Human Services

M1 Cosmetology

Course		Course Name	Semester Hours
Proficiency Credits			
<i>ACC</i>	<i>1100</i>	<i>Small Business Accounting</i>	3
<i>BIS</i>	<i>1400</i>	<i>Customer Service</i>	3

Information Technology

N0 Information Support & Services, N2 Networking, N3 Programming & Software Development

Course		Course Name	Semester Hours
Proficiency Credits			
<i>CIS</i>	<i>1111</i>	<i>Introduction to Problem Solving & Computer Programming</i> NEW	3
<i>CIS</i>	<i>1350</i>	<i>Web Site Development with HTML & CSS</i>	3
<i>CIS</i>	<i>2165</i>	<i>Database Management</i>	3

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Information Technology

N1 Interactive Media

Course		Course Name	Semester Hours
Proficiency Credits			
<i>CIS</i>	<i>1350</i>	<i>Web Site Development with HTML & CSS</i>	<i>3</i>
Proficiency Credit Granted via Portfolio Review			
VIS	1100	Design Foundations	4
VIS	1110	Design Drawing	4
VIS	1140	Design Processes I	4
VIS	1250	Print Production	4

Law and Public Safety

P1 Criminal Justice, P6 Firefighting and Emergency Medical Services

Course		Course Name	Semester Hours
Proficiency Credits			
<i>CJS</i>	<i>1103</i>	<i>Constitutional Law & Evidentiary Procedures</i> NEW	<i>3</i>
<i>CJS</i>	<i>1105</i>	<i>Criminal Law</i>	<i>3</i>
<i>CJS</i>	<i>1155</i>	<i>Homeland Security Issues & Administration</i>	<i>3</i>
<i>CJS</i>	<i>2205</i>	<i>Introduction to Criminal Investigation & Forensic Science</i>	<i>3</i>

Manufacturing Technologies

R7 Manufacturing Operations

Course		Course Name	Semester Hours
Proficiency Credits			
OPT	1100	Tooling & Machining Metrology	2
CAM	1110	Advanced Machine Operations	3
Articulated Credits			
CAM	1107	Principles of Manufacturing	3
CAM	1109	Fundamentals of Tooling & Machining	3
MET	1301	*SolidWorks Basics	4

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Transportation Systems – Automotive

T9 Ground Transportation

Course		Course Name	Semester Hours
Articulated Credits			
AUT	1100	Consumer Automotive	2
AUT	1108	[†] Automotive Engine Systems	4
AUT	1114	[†] Automotive Electrical/Electronic Systems I	3
AUT	1116	[†] Automotive Steering & Suspension Systems	3
AUT	1165	[†] Automotive Brake Systems	3
[†] Students must successfully complete an ASE student certification exam with a passing grade of 70% or higher to be awarded credit for the above identified course.			

Transportation Systems – Aviation

TA Air Transportation

Course		Course Name	Semester Hours
Proficiency Credits – Only Sinclair approved adjunct Instructors can only award a proficiency letter grade.			
AVT	1101	Introduction to Unmanned Aerial Systems NEW	2
AVT	1103	Remote Pilot (UAS) Ground School NEW	1
AVT	1141	Principles of Aviation Leadership	2
Articulated Credits			
AVT	1105	Orientation to Aviation	2
AVT	2125	Developments in Aviation	2

JROTC

Course		Course Name	Semester Hours
Articulated Credits			
AVT	1141	Principles of Aviation Leadership	2
AVT	2125	Developments in Aviation	2

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Project Lead the Way (PLTW)

Engineering

Course		Course Name	Semester Hours
Proficiency Credits			
CAT	1161	Introduction to Civil & Architectural Technology (CEA)	2
MET	1231	Introduction to Drafting & Design Using Inventor (IED)	4

Project Lead the Way (PLTW) credit is achieved through successful completion of the PLTW examination process as administered by a certified high school instructor at the conclusion of each high school PLTW course.

In order to receive credit for Sinclair course(s), the student must achieve a high school course grade of “B” or above and receive a percentage of 70% or higher on the EoC (End of Course) exam.

Credit for PLTW course(s) are processed via the PLTW credit capture form in accordance with the PLTW office at Sinclair Community College.

Please visit the PLTW website @ www.pltwohio.org for more information regarding the PLTW program.

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)

Courses/Credit Options Moved or Removed

The following course options are removed are due to curricular changes at the college, inactivity by partner programs, classified as an OTM (Ohio Transfer Module), TAG (Transfer Assurance Guideline) course, or being newly identified as a CTAG (Career-Technical Assurance Guideline) opportunity or due to Federal and/or State regulations.

Courses designated as an approved OTM, TAG or CTAG course cannot be offered through Tech Prep bilateral agreements per the Ohio Department of Higher Education.

Course		Description	Designation
AVT	1116	Regulations for Maintenance	FAA Regulations Cannot Guarantee Credit
AVT	1118	Weight & Balance	No Longer Available
AVT	1136	Sheet Metal	No Longer Available
AVT	1213	Corrosion	No Longer Available
AVT	1218	Utility Systems	No Longer Available
AVT	2129	Propellers	No Longer Available
AVT	2219	Turbine Engines	No Longer Available
AVT	2237	Aircraft Inspections	No Longer Available
CAM	1141	Shop Floor Calculations	Replaced with MAT 1110
CJS	1125	Policing	TAG
CJS	2130	Terrorism & Counter-Terrorism	No Longer Available
ECE	1100	Introductory to Early Childhood Education	CTAG
EGV	1501	Environmental Assessment & Analysis	No Longer Aligns to Active Sinclair Programs
MAN	2110	Introduction to Project Management	No Longer Available
THE	1106/1107	Stagecraft w/ Lab	TAG
VET	1100	Introduction to Animal Careers	Replaced with VET 1102 and VET 1202

Project Lead the Way (PLTW)

Engineering & Biomedical Sciences

Course		Description	Designation
EET	1198	Digital Technology (DT)	No Longer Available
EGR	1128	Robotics in Computer Integrated Manufacturing (CIM)	No Longer Available
MET	1241	Principles of Engineering (POE)	No Longer Available
MET	1281	Engineering Design & Development (EDD)	No Longer Available

Course		Description	Designation
BIO	1107/1108	Human Biology (Human Body Systems – HBS)	No Longer Available
BTN	1110	Biotechnology & Bioethics (Medical Intervention – MI)	No Longer Available

Any questions or concerns or help needed regarding CTAG's and its processes, please contact the ODE's West Region Coordinator, Pam Hunt, at the following email and/or phone number: pamela.hunt@sinclair.edu or 937-512-2275

Document Key:

*Credit Awarded by State or National Accreditation via credit capture process.

Copies of cards or certificates must be submitted to MVTPC before credit can be posted.

NEW Indicates courses that are new or have been added to a program pathway for 2018-19.

Bold and Italicized Type = Courses available on eLearn (D2L)