

Sinclair/Tech Prep College Credit Options for AY 2017-18

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				
May be taught by or in conjunction with other core/academic teachers				
	Course	Course Name	Semester Hours	
	<i>BIO</i>	<i>1107/1108</i>	<i>Human Biology with Lab</i>	3
	<i>BIO</i>	<i>1111/1117</i>	<i>General Biology I with Lab</i>	4
	<i>BIS</i>	<i>1120</i>	<i>Introduction to Software Applications</i>	3
	<i>BIS</i>	<i>1201</i>	<i>Keyboarding & Document Formatting</i> NEW	3
	<i>BIS</i>	<i>1301</i>	<i>Advanced Document Formatting & Keyboarding</i> NEW	3
	<i>BIS</i>	<i>1400</i>	<i>Customer Service</i>	3
	<i>FIN</i>	<i>2450</i>	<i>Personal Finance</i>	3
	<i>MAN</i>	<i>1107</i>	<i>Foundations of Business</i>	3
	<i>MAT</i>	<i>1110</i>	<i>Math for Technologists</i>	3
	<i>MAT</i>	<i>1120</i>	<i>Business Mathematics</i>	3
	<i>MAT</i>	<i>1130</i>	<i>Allied Health Mathematics</i>	3
	<i>MAT</i>	<i>1370</i>	<i>Intermediate Algebra</i> <i>NOTE: AY17-18 is the last year for this course</i>	5
	<i>MET</i>	<i>1131</i>	<i>PC Applications for Engineering Technology</i>	1
	<i>MRK</i>	<i>2225</i>	<i>Sales Fundamentals</i>	3

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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
EGV	1501	<i>Environmental Assessment & Analysis</i>	3
FST	1555	Hazardous Waste Operations & Emergency Response (HAZWOPER)	3
Articulated Credits			
AUT	1100	Basic Automotive Systems (A1 Industrial Power Technology ONLY)	2

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A2 Animal Science & Management

Course		Course Name	Semester Hours
Articulated Credits			
VET	1100	Introduction to Animal Careers	1

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Arts & Communication

B0 Media Arts

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

There currently are no identified Sinclair CTAG equivalents.

B1 Performing Arts

Course		Course Name	Semester Hours
Proficiency Credit Granted via Portfolio Review			
THE	1194	Applied Theatre Technology I	1

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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 Basics	4
VIS	1110	Design Drawing	4
VIS	1140	Design Processes I	4
VIS	1250	Print Production	4

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Business & Administrative Services/Finance/Marketing

C4 Business & Administrative Services, G2 Finance, S5 Marketing

Course		Course Name	Semester Hours
Proficiency Credits			
<i>ACC</i>	<i>1100</i>	<i>Small Business Accounting</i>	3
<i>ACC</i>	<i>1210</i>	<i>Introduction to Financial Accounting</i>	3
<i>MAN</i>	<i>1110</i>	<i>International Business</i>	3
<i>MAN</i>	<i>2110</i>	<i>Introduction to Project Management (no credits awarded in 2016-17)</i>	3
<i>MAN</i>	<i>2150</i>	<i>Management & Organizational Behavior</i>	3
<i>MRK</i>	<i>2100</i>	<i>Foundations of Marketing</i>	3

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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	6
CAT	1741	*Residential Electrical Systems	3
CAT	1810	*Construction Techniques I (NCCER Core)	3
CAT	1820	*Construction Techniques II (NCCER Carpentry Level 1)	3
EET	1181	*Electrical Construction I (NCCER Electrical Level 1)	3

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Education & Training

E0 Early Childhood Education

Course		Course Name	Semester Hours
Articulated/Proficiency Credits			
[†] <i>ECE</i>	<i>1100</i>	<i>Introduction to Early Childhood Education</i>	3
[†] <i>ECE</i>	<i>1101</i>	<i>Introductory Child Development</i>	3
Proficiency Credits			
<i>EDU</i>	<i>1103</i>	<i>Educational Technology (no credits awarded in 2016-17)</i>	3
[†] ECE teachers must have Learning Outcomes on file with Nancy Sikora for students to qualify for articulated award credit for ECE 1100 and ECE 1101. In order for students to receive proficiency credit for ECE 1100 and ECE 1101, Tech Prep teachers must have Sinclair adjunct faculty status, and students must meet course requirements as outlined by the ECE Department.			

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Education & Training
E1 Teaching Professions

Course		Course Name	Semester Hours
Proficiency Credits			
<i>EDU</i>	1103	<i>Educational Technology (no credits awarded in 2016-17)</i>	3

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Engineering & Science Technologies – Engineering (PLTW)
F6 Engineering & Design

Course		Course Name	Semester Hours
Proficiency Credits			
BTN	1110	Biotechnology & Bioethics (Medical Intervention – MI)	3
CAT	1161	Introduction to Civil & Architectural Technology (CEA)	2
CAT	1201	Construction Methods & Materials	4
EET	1198	Digital Technology (DT)	2
EGR	1128	Robotics in Computer Integrated Manufacturing (CIM) Systems	3
<i>MET</i>	1231	<i>Introduction to Drafting & Design Using Inventor (formerly MET 1101 and MET 1201)</i>	4
MET	1241	Principles of Engineering (POE)	2
MET	1281	Engineering Design & Development (EDD)	2
Please note: Credit for PLTW courses is processed via a PLTW form only.			
Articulated Credits			
CAM	1107	Principles of Manufacturing	3
CAM	1109	Fundamentals of Tooling & Machining	3
CAM	1141	Shop Floor Calculations I	3

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Engineering & Science Technologies – Engineering & Design
F6 Engineering & Design

Course		Course Name	Semester Hours
Proficiency Credits			
CAT	1201	Construction Methods & Materials	4
<i>MET</i>	1231	<i>Introduction to Drafting & Design Using Inventor</i>	4
Articulated Credits			
CAM	1107	Principles of Manufacturing	3
CAM	1109	Fundamentals of Tooling & Machining	3
CAM	1110	Advanced Machine Operations NEW	3
CAM	1141	Shop Floor Calculations I	3
MET	1301	*SolidWorks Basics	3

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Health Science – Medical Bioscience/Biomedical Science (PLTW)

J0 Medical Bioscience

Course		Course Name	Semester Hours
Proficiency Credits			
<i>CJS</i>	<i>2205</i>	<i>Introduction to Criminal Investigation & Forensic Science</i>	3
<i>BIO</i>	<i>1107/1108</i>	<i>Human Biology (Human Body Systems - HBS) - PLTW only</i>	3
BTN	1110	Biotechnology & Bioethics (Medical Intervention - MI) - PLTW only	3
Please note: Credit for PLTW courses is processed via a PLTW form only.			
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
[†] Non-PLTW Tech Prep teachers may also elect to have students complete proficiency tests with Sinclair Biology instructor Susan Luken for BTN credit.			

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Health Science – Allied Health and Nursing

JM Allied Health & Nursing, J7 Health Information Management

Course		Course Name	Semester Hours
Proficiency Credits			
<i>ALH</i>	<i>1101</i>	<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

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Health Science – Dental Assisting

JM Allied Health & Nursing

Course		Course Name	Semester Hours
Proficiency Credits			
<i>ALH</i>	<i>1101</i>	<i>Introduction to Healthcare Delivery</i>	2
<i>DEH</i>	<i>1102</i>	<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

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Health Science – Exercise Science and Sports Medicine

J6 Exercise Science & Sports Medicine

Course		Course Name	Semester Hours
Proficiency Credits			
<i>ALH</i>	<i>1101</i>	<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

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Hospitality & Tourism

L0 Culinary Arts, L1 Hospitality

Course		Course Name	Semester Hours
Proficiency Credits			
HMT	1112	Food Principles & Basic Preparation	4
HMT	1126	Baking I	2
MAT	1125	Math for the Culinary Arts Baking & Pastry Arts Professional NEW	3

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Human Services

M1 Cosmetology

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

There currently are no identified Sinclair CTAG equivalents.

Information Technology

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

Course		Course Name	Semester Hours
Proficiency Credits			
<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
<i>GEO</i>	<i>1107</i>	<i>Introduction to Geographic Information Systems (GIS)</i>	4

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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>	3
Proficiency Credit Granted via Portfolio Review			
VIS	1100	Design Basics	4
VIS	1110	Design Drawing	4
VIS	1140	Design Processes I	4
VIS	1250	Print Production	4

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Law and Public Safety

P1 Criminal Justice, P6 Firefighting and Emergency Medical Services

Course		Course Name	Semester Hours
Proficiency Credits			
<i>CJS</i>	<i>1105</i>	<i>Criminal Law</i>	3
<i>CJS</i>	<i>1125</i>	<i>Policing</i>	3
<i>CJS</i>	<i>1155</i>	<i>Homeland Security Issues & Administration</i>	3
<i>CJS</i>	<i>1165</i>	<i>Corrections</i>	3
<i>CJS</i>	<i>2130</i>	<i>Terrorism & Counter-Terrorism</i>	3
<i>CJS</i>	<i>2205</i>	<i>Introduction to Criminal Investigation & Forensic Science</i>	3

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Manufacturing Technologies

R7 Manufacturing Operations

Course		Course Name	Semester Hours
Proficiency Credits			
<i>MET</i>	<i>1231</i>	<i>Introduction to Drafting & Design Using Inventor (formerly MET 1101 and MET 1201)</i>	4
OPT	1100	Tooling & Machining Metrology	2
Articulated Credits			
CAM	1107	Principles of Manufacturing	3
CAM	1109	Fundamentals of Tooling & Machining	3
CAM	1110	Advanced Machine Operations NEW	3
CAM	1141	Shop Floor Calculations I	3
MET	1301	*SolidWorks Basics	3

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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 courses.			

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Transportation Systems – Aviation

TA Air Transportation

Course		Course Name	Semester Hours
Proficiency Credits			
From the General Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	1116	*Regulations for Maintenance	3
AVT	1118	*Weight & Balance	3
AVT	1213	*Corrosion	3
AVT	1141	Principles of Aviation Leadership	2
AVT	2237	*Aircraft Inspections	3
From the Airframe Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	1136	*Sheet Metal	4
AVT	1218	*Utility Systems	6
From the Powerplant Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	2129	*Propellers	4
AVT	2219	*Turbine Engines	4
Articulated Credits			
From the Airframe Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	1105	Orientation to Aviation	2
AVT	1116	Regulations for Maintenance	3
AVT	2125	Developments in Aviation	2

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JROTC

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

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Courses/Credit Options Removed

Courses removed due to curricular changes at the college, inactivity by partner programs, or being newly identified as a CTAG opportunity.

BIS	1100	Introduction to Keyboarding
BIS	1200	Keyboarding & Document Formatting I
BIS	1250	Specialized Business Software Application
MAT	1270	Beginning Algebra
OPT	1198	Excel for Engineering Technology
MAN	2159	Supply Chain Management Concepts & Applications
HVA	1201	Basic HVAC Systems with Cooling (EPA card)

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