

Tusculum College/Pellissippi State Transfer Checklist
Secondary Education/Mathematics (7-12)*

* This program does NOT lead to an associate's degree from Pellissippi State. Students who wish to earn an associate's degree should follow the general associate of science degree requirements outlined in the PSTCC Catalog & Handbook or consult their advisor.

PSTCC Course Prefix & Number	PSTCC Course Title	Tusculum Course Prefix & Number	Tusculum Course Title
General Education			
OST 1211	Word/Excel/PowerPoint	CISC 100	Computer as a Tool
*****	No equivalent; take at Tusculum	CISC 216	Computer as a Classroom Support System
ENGL 1010	English Composition I	ENGL 110	Composition & Practice
ENGL 1020	English Composition II	ENGL 111	Composition, Research, & Rhetoric
GEOL 1310	Concepts of Earth Science	EVSC 111	Environmental Science
HIST 1010 or 1020 or 1110 or 1120	Western Civilization I or II or World Civilization I or II	HIST 101 or 102	The West & the World I or II
HIST 2010 or 2020	U.S. History I or II	HIST 201 or 202	U.S. History I or II
MATH 1730	Precalculus	MATH 102	College Algebra
*****	No equivalent; take at Tusculum (only needed for students with freshman standing)	OREN 105	Extended Freshman Experience
HMSE 1100	Concepts of Fitness & Wellness (Regents course)	PHED 201	Foundations of Physical Fitness & Wellness
PSY 1010	General Psychology	PSYC 101	Essentials of Psychology
PSY 2400	Human Development Through the Lifespan	PSYC 200	Developmental Psychology
PSY 2100	Psychology of Human Development	PSYC 305	Educational Psychology
*****	No equivalent; take at Tusculum	RELG 330	The Hebrew & Christian Traditions
SOC 1010	General Sociology	SOCI 101	Principles & Social Institutions
ART 1720 or ART 1730 or HUM 2500 or MUS 1030 or THEA 1030	Western Art I or Western Art II or Exploring Art & Music or Music Appreciation or Introduction to Theatre	MUSC 101 or THEA 104 or VISA 110	One course in Arts
Major			
*****	No equivalent; take at Tusculum	EDUC 419	Content Area Reading
MATH 1910	Calculus I	MATH 104	Calculus I
MATH 1920	Calculus II	MATH 204	Calculus II
MATH 2120	Differential Equations	MATH 300	Elementary Differential Equations
MATH 2110	Calculus III	MATH 304	Calculus III
ELEC	One of the following sequences:	ELEC	One of the following sequences:
CSIT 1020- CSIT 1400	Intro. to Computer Science Data Structures	CISC 105 CISC 110	Problem Solving & Algorithm Development and Introduction to Programming I
CHEM 1110- CHEM 1120	General Chemistry I and II	CHEM 101 CHEM 102	Chemistry I and II
PHYS 2010-	Non-Calculus Based Physics I & II	PHYS 101	General Physics I and II

2020 or PHYS 2110- 2210	or Calculus Based Physics I & II	PHYS 102	
MATH ELEC	Any 6 of the following: (courses with an asterisk are highly recommended for Praxis preparation)	MATH ELEC	Any 6 of the following: (courses with an asterisk are highly recommended for Praxis preparation)
MATH 1730	Precalculus	MATH 103	Trigonometry
*MATH 1630	Finite Mathematics	*MATH 111	Finite Mathematics
*****	No equivalent; take at Tusculum	*MATH 205	Geometry
*MATH 1530	Elementary Probability & Statistics	*MATH 215	Elementary Statistics
*****	No equivalent; take at Tusculum	*MATH 301	Abstract Algebra
*MATH 2010	Matrix Algebra	*MATH 350	Linear Algebra
*****	No equivalent; take at Tusculum	MATH 360	Numerical Analysis
*****	No equivalent; take at Tusculum	MATH 405	Complex Analysis
*****	No equivalent; take at Tusculum	MATH 410	Partial Differential Equations
*****	No equivalent; take at Tusculum	MATH 415	Differential Equations II
*****	No equivalent; take at Tusculum	MATH 420	Real Analysis
*****	No equivalent; take at Tusculum	MATH 450	Independent Study in Mathematics
Professional Education			
EDU 2010	Intro to Teaching & Technology	EDUC 200	History & Philosophy of Education
*****	No equivalent; take at Tusculum	EDUC 320	Classroom Discipline & Management
*****	No equivalent; take at Tusculum	HGLN 337	Assessment & Evaluation
*****	No equivalent; take at Tusculum	EDUC 342	Learning Environments 7-12
*****	No equivalent; take at Tusculum	EDUC 452	Student Teaching Seminar
*****	No equivalent; take at Tusculum	EDUC 456	Enhanced Student Teaching: Secondary
*****	No equivalent; take at Tusculum	SPED 101	Survey of Regular & Special Populations Within the School Environment