

# 2020-2021 Transfer Guide

## Pellissippi State Community College

### Computer Engineering / Computer Science (Path Leads to a General A.S. Degree)

#### Courses and Course Sequence

This sequence can be followed by students who begin college-level work in the fall semester. Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Prior to registering each semester, the student is expected to consult with his/her advisor.

#### Program Requirements

FALL Semester 1	Hours
CISP 1010 – Computer Science I*	4
COLL 1000 – First Year Seminar	1
ENGL 1010 – English Composition I	3
ENS 1510 – Engineering Fundamentals I	4
MATH 1910 – Calculus I	4
<sup>1</sup> SBS – Social/Behavioral Sciences Elective	3

SPRING Semester 2	Hours
CISP 2410 – Assembly & Computer Organization*	4
ENGL 1020 – English Composition II	3
MATH 1920 – Calculus II	4
<sup>2</sup> CHEM 1110—General Chemistry	4

FALL Semester 3	Hours
CISP 1020 – Computer Science II	4
COMM 2045 – Public Speaking	3
HIST 2210 – Early Western Civilization or HIST 2310 – Early World History	3
<sup>3</sup> HUM/FA – Humanities/Fine Arts Elective	3

SPRING Semester 4	Hours
<sup>4</sup> ENGL – Literature Elective	3
HIST 2220 – Modern Western Civilization or HIST 2320 – Modern World History	3
<sup>3</sup> HUM/FA – Humanities/Fine Arts Electiv3s	3
<sup>2</sup> PHYS 2110—Calculus Based Physics	4
<sup>1</sup> SBS – Social/Behavioral Sciences Elective	3
<b>Total Credit Hours Needed for Degree</b>	<b>63</b>

*Students planning to transfer to UTK must have completed their last 30 semester hours of credit at UT Knoxville and at least 60 semester hours of credit at a four-year college or university. During the final 30 hours, up to two courses outside a student's major may be taken at another institution as long as the student has 25% of coursework for the degree completed at UT Knoxville ([https://catalog.utk.edu/content.php?catoid=24&navoid=3079#Transfer\\_Admission](https://catalog.utk.edu/content.php?catoid=24&navoid=3079#Transfer_Admission)).*

**NOTE:** While not a requirement for the AS degree at Pellissippi State, for **COMPUTER ENGINEERING**, students may complete ECE 1020 and ECE 2020, ENS 1520 and MATH 2010, MATH 2110, MATH 2120 at Pellissippi State for transfer to UTK.

While not a requirement for the AS degree at Pellissippi State, for **COMPUTER SCIENCE**, students may complete ENS 1520, MATH 2010 at Pellissippi State for transfer to UTK. For more information on requirements to transfer to UTK as a Junior, contact the UTK Engineering Advising Center at: 865-974-4008.

<sup>1</sup>SBS - For a list of courses, see the College Catalog, General Education section.

<sup>2</sup>CHEM 1110 and PHYS 2110 both must be completed for Computer Engineering majors. CHEM 1010 or CHEM 1110 or PHYS 2110 must be completed for Computer Science majors. Computer Science students may take any other natural science general education elective to fulfill the requirements of the A.S. degree.

<sup>3</sup>HUM/FA - For a list of courses, see the College Catalog, General Education section.

<sup>4</sup>ENGL - Chosen from ENGL 2035, ENGL 2055, ENGL 2110, ENGL 2120, ENGL 2150, ENGL 2210, ENGL 2220, ENGL 2310, ENGL 2320, ENGL 2430; ENGL 2510, ENGL 2520.