



Scientific Workplace Preparation, CCC

The College Credit Certificate (CCC) in Scientific Workplace Preparation prepares students for entry-level employment in a science or engineering laboratory. It improves the student's communication, information technology, and math skills while developing basic scientific laboratory skills. Students completing this certificate can continue their studies by enrolling in the Science and Engineering Technology, AS degree.

Credits earned in a CCC may be applied toward completion of the AS Degree in Science and Engineering Technology or the Associate in Arts Degree.

Course (Mark <input checked="" type="checkbox"/> when complete)		Credits	Available In-Person	Available Online
COMMUNICATION 1	ENC 1101: COMPOSITION 1 <input type="checkbox"/>	3	✓	✓
COMMUNICATION 2	<u>CHOOSE ONE:</u> - ENC 1102: COMPOSITION II <input type="checkbox"/> - ENC 2210: TECHNICAL COMMUNICATION <input type="checkbox"/> - SPC 1017: FUNDAMENTALS OF COMMUNICATION STUDIES <input type="checkbox"/> - SPC 2608: INTRODUCTION TO PUBLIC SPEAKING <input type="checkbox"/>	3	✓	✓
HUMANITIES	ANY GEN. ED. CORE HUMANITIES <input type="checkbox"/>	3	✓	✓
MATHEMATICS	ANY GEN. ED. CORE MATHEMATICS <input type="checkbox"/>	3	✓	✓
SOCIAL SCIENCE	ANY GEN. ED. CORE SOCIAL SCIENCE <input type="checkbox"/> (RECOMMENDED: AMH 2010, AMH 2020, OR, POS 2041*) <input type="checkbox"/>	3	✓	✓
CHEMISTRY	<u>CHOOSE ONE:</u> - CHM 2025/L: INTRODUCTION TO COLLEGE CHEMISTRY WITH LAB <input type="checkbox"/> - CHM 1020C: CHEMISTRY FOR SUSTAINABLE FUTURE <input type="checkbox"/> - CHM 2045/L: GENERAL CHEMISTRY I WITH LAB <input type="checkbox"/> - CHM 2032/L: GENERAL CHEMISTRY FOR HEALTH SCIENCES WITH LAB <input type="checkbox"/>	4	✓	✓
NATURAL SCIENCE ELECTIVE	<u>CHOOSE ANY 6-7 CREDITS FROM THE FOLLOWING:</u> - BSC 1005: SURVEY OF BIOLOGY (3) <input type="checkbox"/> - BSC 1005L: SURVEY OF BIOLOGY LAB (1) <input type="checkbox"/> - BSC 1010/L: GENERAL BIOLOGY WITH LAB (4) <input type="checkbox"/> - BSC 1085C: ANATOMY AND PHYSIOLOGY I (4) <input type="checkbox"/> - BSC 1086C: ANATOMY AND PHYSIOLOGY II (4) <input type="checkbox"/> - CHM 2025/L: INTRO. TO COLLEGE CHEMISTRY WITH LAB (4) <input type="checkbox"/> (IF NOT TAKEN ABOVE) - CHM 2045/L: GENERAL CHEMISTRY I WITH LAB (4) <input type="checkbox"/> (IF NOT TAKEN ABOVE) - CHM 2210/L: ORGANIC CHEMISTRY I WITH LAB (5) <input type="checkbox"/> (IF NOT TAKEN ABOVE) - CHM 2211/L: ORGANIC CHEMISTRY II WITH LAB (5) <input type="checkbox"/> - CHM 2032/L: GEN. CHEM. FOR HEALTH SCI. WITH LAB (4) <input type="checkbox"/> (IF NOT TAKEN ABOVE) - MCB 2010C: MICROBIOLOGY (4) <input type="checkbox"/> - HUN 1201: HUMAN NUTRITION (3) <input type="checkbox"/> - PHY 1007C: PHYSICS FOR THE HEALTH SCIENCES (3) <input type="checkbox"/> - PHY 1020C: FUNDAMENTALS OF THE PHYSICAL WORLD (3) <input type="checkbox"/> - PHY 2053/L: COLLEGE PHYSICS I WITH LAB (5) <input type="checkbox"/> - PHY 2054/L: COLLEGE PHYSICS II WITH LAB (5) <input type="checkbox"/> - PHY 2048/L: GENERAL PHYSICS I WITH LAB (5) <input type="checkbox"/>	6 - 7**	✓	✓
Total Certificate Credits		26 - 27**		

★ Add a specialized College Credit Certificate (CCC) to your Associate's or Bachelor's Degree by substituting your electives. It may be possible to add certain certificates without additional credits or tuition. Work closely with your Academic Advisor to plan!

On-campus classes listed here may not be available at all FSW locations every semester.
Program curriculum and admissions criteria are subject to change. Always check the website for program updates: <https://www.fsw.edu/sopa>

*Students pursuing Associate's or Bachelor's Degrees may be required to complete the Florida Civic Literacy Requirement. Speak with your Advisor for details.

**Total credits may exceed the numbers shown here, based on which courses are selected. Work closely with your Academic Advisor to plan.