# Francis Marion University Dual Credit

**Spring 2021**

Francis Marion University offers dual enrollment courses to qualified students both in-person at The Continuum and online. In-person courses meet twice/week for 75 minutes; labs meet in-person once/week.

To apply as a new student, visit www.fmarion.edu.

## Continuum – Face-to-Face Courses

**BIOL 104 Human Biology (4 credit hours)** – Lecture ONLINE; Lab – Face-to-Face once/week
Basic biology of humans and how to interpret emerging technologies such as DNA fingerprinting and genetic engineering. The process of doing science is emphasized. This course includes both lecture and lab.

**BUSI 150 Introduction to Business (3 credit hours)**
Introduces the fundamental functions and activities of modern business organizations. Topics include: an overview of the economic system, accounting and record keeping, marketing, management, finance, information systems, legal issues, business ethics, and international business. In addition, careers in business and entrepreneurship are considered.

**CS 150 Microcomputers and Software Applications I (3 credit hours)**
Introduction to microcomputer hardware and software. Topics include computer fundamentals, word processing, electronic spreadsheet, databases, and other microcomputer application areas. Solutions for several problems using microcomputers and commercial software will be required.

**ENGL 102 Rhetoric, Genre, and Research (3 credit hours)**
*The grade of C or higher in English 101 is required for the student to advance to English 102.*
Complex composition assignments involving rhetorical strategies, critical reading, and formal research. Practice performing multiple research methods, evaluating and documenting sources, synthesizing research, and developing original arguments. Emphasis on analyzing genre to inform writing strategies and research methods, preparing students to transfer knowledge about genre and composition to other writing contexts.

**ENGR 201 Engineering Graphics (3 credit hours) – *tentative***
Students are introduced to the fundamental principles of engineering graphics – sketching, line drawing, projections, and solid modeling. Students will learn how to apply engineering graphics principles to generate and interpret technical drawings and solid models. Computer Aided Design software (such as AutoCAD and Solidworks) will be used.

**HIST 102 United States History Since 1877 (3 credit hours)**
*(Students must take HIST 101 and HIST 102 to receive the high school U.S. History credit.)*
General survey of the United States from 1877 to the present, emphasizing major political, economic, social, and intellectual developments.

**HIST 104 European History Since the French Revolution (3 credit hours)**
General survey of European civilization from the French Revolution to the present with emphasis on major social, economic, intellectual, and political developments.

**MATH 111 College Algebra II (3 credit hours)**
*Must have completed all four required high school math courses to enroll.*
The study of polynomials, their operations and factoring, operations with and simplifying rational expressions, roots and radicals, quadratic equations and inequalities, graphs of non-linear functions and the conic sections; exponents and logarithmic functions.

**MATH 134 Probability and Statistics (3 credit hours)**
*Must have completed all four required high school math courses to enroll.*
Elementary topics in probability and statistics are covered, including sampling methods, descriptive statistics, counting and probability, discrete and normal distributions, central limit theorem, confidence, intervals, hypothesis testing, simple linear regression, and correlation.

**POL 101 United States Government (3 credit hours)**
An examination of the United States political institutions with particular attention to the principles, processes, structure, and functions of the national government.

**PSY 206 Introductory Psychology (3 credit hours)**
Survey of the biological, experimental (including sensory processes, learning, memory, and motivation), social, personality, and developmental processes. In addition to these content areas, an understanding of scientific methodology will be studied.

## Online Courses

**ART 101 Introduction to Art (3 credit hours) – ONLINE ONLY**
Patterns of perception and understanding are established through analysis of major works of painting, sculpture, and architecture in a historical survey.

**BUSI 206 – Legal and Social Environment of Business (3 credit hours) – ONLINE ONLY**
Study of the legal environment of business in general with emphasis on ethics, creditor's rights and bankruptcy, business organizations, government regulations, and the protection of property and other interests.

**ECON 203 Microeconomics (3) – ONLINE ONLY**
*Must have completed all four required high school math courses to enroll.*
Introduction to the role of individuals in economic decision-making, the determination of relative prices and output, and problems associated with resource allocation, monopoly, government regulation, and international trade.

**EDUC 190 Foundations of Education (3) – ONLINE ONLY**
*(Students who have taken Teacher Cadet already have credit for this course.)* Teacher candidates will be provided with current information about the cultural, legal, societal, and economic information and introduced to the Education and Economic Development Act that impact school systems and thus teachers and students. Class discussions will include the historical and philosophical roots of education and the function of schools in a culturally diverse society.

**EDUC 192 Foundations of Curriculum and Instruction (3) – ONLINE ONLY**
(Prerequisite/Corequisite: EDUC 190 or Teacher Cadet) This course provides foundations in learning and motivation theory, classroom management, and individual differences in students. Special emphasis is on

cognitive functioning and classroom interaction as influenced by gender, community, and socioeconomic status.

**POL 101 United States Government (3 credit hours) – In-Person and Online**
An examination of the United States political institutions with particular attention to the principles, processes, structure, and functions of the national government.

**PSY 206 Introductory Psychology (3 credit hours) – In-Person and Online**
Survey of the biological, experimental (including sensory processes, learning, memory, and motivation), social, personality, and developmental processes. In addition to these content areas, an understanding of scientific methodology will be studied.

**SPAN 101 Elementary Spanish I (3 credit hours) – ONLINE ONLY**
An introduction of basic Spanish grammar and vocabulary with an emphasis on oral and written comprehension and communication. Includes use of technology to enhance linguistic proficiency and cultural awareness.

**SPAN 102 Elementary Spanish II (3 credit hours) – ONLINE ONLY**
*The grade of C or higher in SPAN 101 is required for the student to advance to SPAN 102.*
Further development of oral and written comprehension and communication in the target language. Continued use of technology to enhance linguistic proficiency and cultural awareness.

## Spring 2021 Schedule – The Continuum

| Monday/Wednesday 8:30-9:45am | Monday/Wednesday 10:00-11:15am | Tuesday/Thursday 8:30-9:45am | Tuesday/Thursday 10:00-11:15am | Thursday 8:30-11:15am | Friday 8:30-11:15am |
|---|---|---|---|---|---|
| ENGL 102 | CS 150 | BUSI 150 | ENGL 102 | BIOL 104 Lab | BIOL 104 Lab |
| PSYC 206 | ENGL 102 | ENGL 102 | HIST 102 | | |
| ENGR 201 | POLI 101 | HIST 104 | MATH 134 | | |
| | PSYC 206 | MATH 111 | | | |

## Online Courses

ART 101
BIOL 104 – Lecture Only
BUSI 206
ECON 203
EDUC 190
EDUC 192
POLI 101
PSYC 206
SPAN 101
SPAN 102