

Ivy Tech Spring 2018 Schedule of Classes at JCLC

Begins January 16 / Ends May 12

For more information or to get registered,
call Ryan Keller at 812-519-2923 Or Email: rkeller2@ivytech.edu

ACCT 102 Managerial Accounting

TransferIN 3 Credits

Monday: 6:00-8:50pm

Prerequisites: ACCT 101. Emphasizes managerial accounting concepts, general versus cost accounting systems, cost behavior, cost-volume profit analysis, standard cost systems, responsibility accounting, incremental analysis, and capital investment analysis.

AGRI 100 Introduction to Agriculture

3 Credits / Tuesday: 6:00-8:50pm

Prerequisites: None. Presents an overview of agriculture emphasizing the diversity of agricultural careers including crop production, forestry and horticulture, as well as large and small animal production for meat, milk, wool and companionship.

AGRI 117 Soil Science

3 Credits / Wednesday: 6:00-9:50pm

Prerequisites: None. Classification and characterization of soils and differences between soils, including physical, chemical, and biological properties. Relation of soils to land use and tillage, erosion, drainage, moisture supply and aeration practices. Relationship of soil properties to plant nutrition and to fertilizer chemistry, use, and management.

APHY 102 Anatomy and Physiology II

3 Credits Wednesday: 6:00-9:50pm

Prerequisites: APHY 101 and demonstrated competency through appropriate assessment or earning a grade of "C" or better in MATH 023 or MATH 080. Continues the study of the interrelationships of the systems of the human body. Introduces students to the study of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems.

APHY 201 Advanced Human Physiology

4 Credits / Tuesday & Thursday: 6:00-8:20pm

Prerequisites: Successful completion of APHY 101 and APHY 102, or equivalent. Provides a study of human physiology for students entering health-oriented fields. Emphasizes the study of the function of cells, the nervous, muscular, circulatory, respiratory, urinary, digestive and endocrine systems, and their homeostatic mechanisms and system interaction. Focuses laboratory exercises on clinically relevant measurement of human function. Includes lab.

BIOL 101 Introduction Biology

3 Credits

Monday & Wednesday: 3:00-4:50pm

Prerequisites: Demonstrated competency through appropriate assessment or earning a grade of "C" or better in ENGL 093 and ENGL 083 or ENGL 095, and MATH 023 or MATH 080 or FOUN 071. Introduces the basic concepts of life. Includes discussion of cellular and organismal biology, evolution, ecology, and interaction among all living organisms. Addresses applications of biology in a global community.

BOAT 207

Integrated Microsoft Office Applications

3 Credits / Wednesday: 6:00-8:50pm

Prerequisites: Demonstrated competency through appropriate assessment or earning a grade of "C" or better in ENGL 083 and ENGL 093, or ENGL 095 and MATH 023 or higher. Emphasizes the identification and practice of the appropriate use of technology to communicate and solve business problems and aid in decision making. Focuses primary attention to developing business problem-solving skills and decision-making skills using Microsoft Access and Excel. Also explores the advanced integration features associated with Microsoft Word and PowerPoint.



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BOAT 216 Business Communications **3 Credits / Monday: 12:00-2:50pm**

Prerequisites: ENGL 111. Emphasizes analysis of business communication environments—cultural, organizational, technological, international, and interpersonal—and the use of communications standards to direct the choice of oral and written communication methods and techniques. It includes practice in writing a variety of messages used to communicate in business and industry with an emphasis on the potential impact of the message on the receiver as a basis for planning and delivering effective business communications.

BUSN 101 Introduction to Business **TransferIN 3 Credits** **Monday: 6:00-8:50pm**

Prerequisites: Demonstrated competency through appropriate assessment or earning a grade of "C" or better in ENGL 083 and ENGL 093, or ENGL 095. Examines the American business system in relation to the economic society. Studies business ownership, organization principles and problems, management, control facilities, administration, and development practices of American business enterprises.

COMM 101 Fundamentals of Public Speaking **TransferIN 3 Credits** **Thursday: 3:00-5:50pm**

Prerequisites: Demonstrated competency through appropriate assessment or earning a grade of "C" or better in: ENGL 093 and ENGL 083 or ENGL 095 or FOUN 071. Introduces fundamental concepts and skills for effective public speaking, including audience analysis, outlining, research, delivery, critical listening and evaluation, presentational aids, and use of appropriate technology. *Students who apply to and are admitted in to the American Honors at Ivy Tech Program, may be able to enroll in the honors section of this course. Please talk with an advisor or visit www.ivytech.edu/honors for additional information.*



English Composition **TransferIN 3 Credits** **ENGL 111-JNJ**

Monday: 9:00am-11:50am

Or

ENGL 111-JRJ

Wednesday: 6:00-8:50pm

Prerequisites: Demonstrated competency through appropriate assessment or earning a grade of "C" or better in ENGL 093 and ENGL 083 or ENGL 095. English Composition is designed to develop students' abilities to think, organize, and express their ideas clearly and effectively in writing. This course incorporates reading, research, and critical thinking. Emphasis is placed on the various forms of expository writing such as process, description, narration, comparison, analysis, persuasion, and argumentation. A research paper is required. Numerous in-class writing activities are required in addition to extended essays written outside of class. *Students who apply to and are admitted in to the American Honors at Ivy Tech Program, may be able to enroll in the honors section of this course. Please talk with an advisor or visit www.ivytech.edu/honors for additional information.*

ENGL 202 Creative Writing **TransferIN 3 Credits** **Monday: 12:00-2:50pm**

Prerequisites: ENGL 111. This course introduces students to opportunities for self-expression in one or more literary genres - fiction, poetry, drama, and the creative essay.

ENGL 206 Introduction to Literature **TransferIN 3 Credits** **Wednesday: 12:00-2:50pm**

Prerequisites: ENGL 111. Development of basic strategies for critically reading and interpreting poetry, fiction, and drama; introduction to the premises and motives of literary analysis and critical methods associated with various literary concerns through class discussion and focused writing assignments.



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INDT 290 Special Topic Industrial Tech

3 Credits / Monday: 4:00-7:50pm

Prerequisites: Program Chair Approval. This course provides students with the opportunity to develop strong professional presence skills, such as communication, networking, interviewing, and ethical problem solving.

MTTC 208 CNC Mill Programming

3 Credits / Thursday: 6:00-9:50pm

Prerequisite: None. Introduces three axis CNC milling machine programming. Develops the theory of programming in the classroom with applications of the program accomplished on industry-type machines. Studies terminology of coordinates, cutter paths, angle cutting, and linear and circular interpolation.

IVYT 111 Student Success in University Transfer

1 Credit / Monday: 8:00-8:50am

Prerequisites: None. This course provides students with an overview of skills and strategies necessary to successfully complete a degree or certificate from Ivy Tech Community College and to transfer to a four-year institution. Students focus on developing an individualized transfer plan focused on reaching their educational, career, and life objectives.

MTTC 209 CNC Lathe Programming

3 Credits / Wednesday: 6:00-9:50pm

Prerequisites: Program Advisor Approval. Introduces two axis CNC lathe programming. Develops the theory of programming in the classroom with applications of the program accomplished on industry-type machines. Studies terminology of coordinates, cutter paths, angle cutting, and linear and circular interpolation.

MATH 023 Essentials of Algebra

3 Credits / Thursday: 6:00-8:50pm

Prerequisites: IVYT 101 or IVYT 120 and demonstrated competency through appropriate assessment and demonstrated math competency through appropriate assessment and demonstrated reading competency through appropriate assessment or successful completion of ENGL 083 or ENGL 095.

Corequisites: IVYT 101 or IVYT 120. Reviews signed numbers and basic linear equations. Concentrates on integer exponents, scientific notation, linear equations and inequalities, literal equations, polynomial operations, polynomial factoring, graphing linear equations, and applications.

PSYC 101 Introduction to Psychology

TransferIN 3 Credits / Thursday: 3:00-5:50pm

Prerequisites: Demonstrated competency through appropriate assessment or earning a grade of "C" or better in ENGL 093 and ENGL 083. Corequisites: ENGL 073 or ENGL 075 and ENGL 111. The course focuses on biological foundations, learning processes, research methodologies, personality, human development and abnormal and social psychology. Students who apply to and are admitted in to the American Honors at Ivy Tech Program, may be able to enroll in the honors section of this course. Please talk with an advisor or visit www.ivytech.edu/honors for additional information.

MATH 100 Intermediate Algebra

3 Credits Tuesday: 6:00-8:50pm

Prerequisites: IVYT 101 or IVYT 120 and demonstrated competency through appropriate assessment or a grade of "C" or better in MATH 023. Corequisites: IVYT 101 or IVYT 120. Reviews linear equations, inequalities, graphing, and factoring algebraic expressions. Concentrates on properties of integer and rational exponents, systems of linear equations, radicals, radical equations, quadratic equations, functions including their graphs, and applications. Successful completion of this course does not meet ITCC math requirements for graduation.

SOCI 111 Introduction to Sociology

TransferIN 3 Credits

Thursday: 6:00-8:50pm

Prerequisites: Demonstrated competency through appropriate assessment or earning a grade of "C" or better in ENGL 093 and ENGL 083 or ENGL 095. Introduces students to the major theoretical paradigms of the science of human society, including fundamental concepts, descriptions, and analyses of society, culture, socialization processes, social institutions, social change, social stratification and the application of this understanding to everyday living. *Students who apply to and are admitted in to the American Honors at Ivy Tech Program, may be able to enroll in the honors section of this course. Please talk with an advisor or visit www.ivytech.edu/honors for additional information.*

MTTC 101 Introduction to Machining

3 Credits / Tuesday: 6:00-9:50pm

Prerequisites: None. Instructs the student in shop safety, industrial terminology, tools and machine tooling, measurement and layout. Includes laboratory exercises to begin project completion of turning, milling, and grinding applications. This course incorporates mandatory certification assessment for the National Institute of Metalworking Skills Measurement, Materials and Safety Job Planning, Benchwork, and Layout Certification.

