



Biology

BIO 141: Human Anatomy and Physiology I

BIO 141 Integrates anatomy and physiology of cells, tissues, organs, and systems of the human body. Integrates concepts of chemistry, physics, and pathology. Lecture 3 hours. Laboratory 2-3 hours. Total 5-6 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45503 	4	M~~~~~	08/21/2017 - 12/18/2017	2:00 PM - 4:40 PM	SUMMIT	Marion Summit Center	0217	42L	In Person	Spraker,Deanna K
Enrolling in the lab automatically registers student for BIO 141-42.										
51736 	4	~W~~~~	08/21/2017 - 12/18/2017	2:00 PM - 4:40 PM	SUMMIT	Marion Summit Center	0217	43L	In Person	Announced,T B

BIO 142: Human Anatomy and Physiology II

BIO 142 Integrates anatomy and physiology of cells, tissues, organs, and systems of the human body. Integrates concepts of chemistry, physics, and pathology. Lecture 3 hours. Laboratory 2-3 hours. Total 5-6 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45507 		M~W~~~~	10/16/2017 - 12/11/2017	9:30 AM - 12:15 PM	CREI	Crossroads Institute	0220	74	In Person	Becker,Elizabeth Anne
Enroll in BIO 142-75L to register for this class - this is an accelerated 8 week course. Course begins 10/16 and ends 12/11.										
45510 	4	M~W~~~~	10/16/2017 - 12/11/2017	2:00 PM - 4:40 PM	CREI	Crossroads Institute	0211	75L	In Person	Becker,Elizabeth Anne
Enrolling in this lab automatically registers student for BIO 142-74. Course begins 10/16 and ends 12/11.										

BIO 150: Introductory Microbiology

BIO 150 Studies the general characteristics of microorganisms. Emphasizes their relationships to individual and community health. Lecture 3 hours. Recitation and laboratory 3 hours. Total 6 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
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 45514		MTWRFSU	08/21/2017 - 12/18/2017	1:43 AM - 1:44 AM	VIRTUAL	Virtual	1	95	Online	Hedrick, Mary Ann Arnold
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Enroll in BIO 150-96LH or BIO 150-97LH to register for this class.

 45515	4	~T~~~~	09/19/2017 - 09/19/2017	5:30 PM - 7:00 PM	MAIN	Fincastle Hall	0107	96LH	Hybrid	Hedrick, Mary Ann Arnold
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This is a hybrid lab which consists of both online and in-class labs. This lab will meet for 4 in-class labs. The required lab meeting dates are Sept. 19, Sept. 26, Oct. 17, Oct. 24 in Fincastle Hall room 107 from 5:30 p.m. to 7 p.m.

 45515	4	~T~~~~	09/26/2017 - 09/26/2017	5:30 PM - 7:00 PM	MAIN	Fincastle Hall	0107	96LH	Hybrid	Hedrick, Mary Ann Arnold
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 45515	4	~T~~~~	10/17/2017 - 10/17/2017	5:30 PM - 7:00 PM	MAIN	Fincastle Hall	0107	96LH	Hybrid	Hedrick, Mary Ann Arnold
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 45515	4	~T~~~~	10/24/2017 - 10/24/2017	5:30 PM - 7:00 PM	MAIN	Fincastle Hall	0107	96LH	Hybrid	Hedrick, Mary Ann Arnold
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 45518	4	~T~~~~	09/19/2017 - 09/19/2017	2:00 PM - 3:30 PM	MAIN	Fincastle Hall	0107	97LH	Hybrid	Hedrick, Mary Ann Arnold
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 45518	4	~T~~~~	09/26/2017 - 09/26/2017	2:00 PM - 3:30 PM	MAIN	Fincastle Hall	0107	97LH	Hybrid	Hedrick, Mary Ann Arnold
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 45518	4	~T~~~~	10/17/2017 - 10/17/2017	2:00 PM - 3:30 PM	MAIN	Fincastle Hall	0107	97LH	Hybrid	Hedrick, Mary Ann Arnold
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45518 	4	~T~~~~	10/24/2017 - 10/24/2017	2:00 PM - 3:30 PM	MAIN	Fincastle Hall	0107	97LH	Hybrid	Hedrick,Mary Ann Arnold
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Building

BLD 99: Carpentry

BLD 99: Supervised Study in Building (1-5 credits) Assigns problems for independent study incorporating previous instruction and supervised by the instructor. May be repeated for credit. Variable hours.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45642 	1	~T~R~~~	08/21/2017 - 12/18/2017	8:30 PM - 9:20 PM	CREI	Crossroads Institute	0162	71L	In Person	Announced,T B

BLD 101: Construction Management I

BLD 101 Construction Management I (3 CR) Presents overviews of all phases of construction project management. Introduces students to philosophy, responsibilities, methodology, and techniques of the construction process. Introduces topics related to the construction and design industries, organizations, construction contracts, bidding procedures, insurance, taxes, bonding, cost accounting, business methods, including basic computer usage, safety and general project management procedures. Lecture 3 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45630 	3	~~W~~~~	08/21/2017 - 12/18/2017	5:50 PM - 7:05 PM	CREI	Crossroads Institute	0206	75H	Hybrid	Hill,Dewayne S

Hybrid class will meet each week at Crossroads.

BLD 110: Introduction to Construction



Covers basic knowledge and requirements needed in the construction trades. Introduces use of tools and equipment, with emphasis on construction safety, including personal and tool safety. Provides a working introduction to basic blueprint reading and fundamentals of construction mathematics. Lecture 3 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45631 	3	~~W~~~~	08/21/2017 - 12/18/2017	5:50 PM - 7:15 PM	CREI	Crossroads Institute	0224	75H	Hybrid	Announced,T B

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
Hybrid class will meet each week at Crossroads.										


BLD 131: Carpentry Framing I

BLD 131 - Carpentry Framing I - Presents an introduction to carpentry with emphasis on residential construction. Covers safety on the job, appropriate use of power tools, basic construction techniques, an introduction to working drawings, and the team approach to residential buildings. Presents an introduction to selection and use of ladders and scaffolds, basic form removal and demolition, and use of basic first aid. Includes the concepts of carpentry framing for floors, walls, ceilings, porches and decks. Includes theoretical and practical application as well as the concepts of carpentry framing for roof, truss installation and door and window installation. Lecture 3 hours. Laboratory 4 hours. Total 7 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45639 		~T~R~~~	08/21/2017 - 12/18/2017	5:30 PM - 7:10 PM	CREI	Crossroads Institute	0224	72	In Person	Announced,T B
45640 	5	~T~R~~~	08/21/2017 - 12/18/2017	7:10 PM - 8:25 PM	CREI	Crossroads Institute	0221	71L	In Person	Announced,T B


BLD 140: Principles of Plumbing Trade I

Studies the plumbing trade, the structure of the plumbing trade, apprenticeship standards, job safety, tools of the trade, the approved installation of plumbing materials, types of sanitary drainage pipe and piping layout of sanitary piping.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45647 	3	~T~~~~~	08/21/2017 - 12/18/2017	5:30 PM - 7:50 PM	CREI	Crossroads Institute	0225	72	In Person	Announced,T B

BLD 141: Prin of Plumbing Trade II

Studies the sizing of sanitary drainage and vent piping for single family dwelling, two-story, single-family dwellings, duplex residence, apartment building, and multi-story building.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45651 	3	~~~R~~~	08/21/2017 - 12/18/2017	5:30 PM - 7:50 PM	CREI	Crossroads Institute	0220	72	In Person	Announced,T B