




Education

EDU 200: Introduction To Teaching As A Profession

EDU 200 Provides an orientation to the teaching profession in Virginia, including historical perspectives, current issues, and future trends in education on the national and state levels. Emphasizes information about teacher licensure examinations, steps to certification, teacher preparation and induction programs, and attention to critical shortage areas in Virginia. Includes supervised field placement (recommended: 40 clock hours) in a K-12 school. Prerequisite: Successful completion of 24 credits of transfer courses. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

Table with 11 columns: Class Number, Credits, Days, Dates, Time, Location, Building, Room, Class Section, Instruction Mode, Instructor. It lists five instances of EDU 200 (Class Number 40391) with specific dates and times. Each instance includes a 'REQUIRED' note about meeting dates: 8/28, 9/11, 9/18, 10/2, 10/16, 11/6, and 12/4 in Carroll Hall room 228 from 4:30 p.m. to 6:45 p.m.


Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
40391 	3	M~~~~~	12/04/2017 - 12/04/2017	4:30 PM - 6:45 PM	MAIN	Carroll Hall	0228	95H	Hybrid	Galyean, Teresa A

REQUIRED: This Hybrid class will meet on the following dates: 8/28, 9/11, 9/18, 10/2, 10/16, 11/6 and 12/4 in Carroll Hall room 228 from 4:30 p.m. to 6:45 p.m.

## Electricity


### ELE 110: Home Electric Power

Covers the fundamentals of residential power distribution, circuits, panels, fuse boxes, breakers, transformers. Includes study of the national electrical code, purpose and interpretation.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45632 	3	M~W~~~~	08/21/2017 - 12/18/2017	4:00 PM - 4:50 PM	CREI	Crossroads Institute	0171	72	In Person	Choate, Daniel R


### ELE 115: Basic Electricity


ELE 115: Basic Electricity (2-3 credits) Covers basic circuits and theory of fundamental concepts of electricity. Presents a practical approach to discussion of components and devices. Lecture 2-3 hours per week. Pre-requisite is MTE 1.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45634 	3	M~~~~~	08/21/2017 - 12/18/2017	5:50 PM - 7:15 PM	CREI	Crossroads Institute	0224	75H	Hybrid	Choate, Daniel R

### ELE 173: Commercial Wiring Methods

ELE 173 Commercial Wiring Methods ( 3 CR) - Covers electrical wiring methods and standards used for commercial buildings and provides a comprehensive study of the national electrical code that deals with commercial wiring installations including state and local regulations. Includes building wiring as well as the wiring of electrical equipment and appliances in a commercial environment. Prerequisite: ENF 1. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.



Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45635 		~T~R~~~	08/21/2017 - 12/18/2017	4:00 PM - 4:50 PM	CREI	Crossroads Institute	0171	72	In Person	Choate, Daniel R

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45636 	3	~T~R~~~	08/21/2017 - 12/18/2017	4:50 PM - 5:50 PM	CREI	Crossroads Institute	0138	71L	In Person	Choate, Daniel R

## Energy Technology



### ENE 105: Solar Thermal Active and Passive Technology

ENE 105 - Solar Thermal Active and Passive Technology (4 credits) Provides a comprehensive study of thermal technology as it applies to collector types and ratings, open-loop versus closed-loop and system sizing. Introduces hydronics, hot water, and pool heating applications. Provides an introduction to fluid dynamics and chemistry as it applies to system installation and maintenance. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45625 		~T~R~~~	08/21/2017 - 12/18/2017	4:00 PM - 5:15 PM	CREI	Crossroads Institute	0170	72	In Person	Quesenberry, Ivan S
45626 	4	~T~R~~~	08/21/2017 - 12/18/2017	5:15 PM - 6:30 PM	CREI	Crossroads Institute	0139	71L	In Person	Quesenberry, Ivan S

### ENE 120: Solar Power - Photovoltaic and Thermal

ENE 120 - Solar Power - Photovoltaic and Thermal (4 Credits) Studies the production and conversion of electrical energy from modular to grid power systems. Covers the storage of energy, thermal solar capture, and storage for residential and commercial applications. Covers energy conversion and storage equipment based on size and efficiency. Prerequisite: ELE 157 or equivalent. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.



Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
45637 		~T~R~~~	08/21/2017 - 12/18/2017	6:00 PM - 7:15 PM	CREI	Crossroads Institute	0171	72	In Person	Choate, Daniel R
45638 	4	~T~R~~~	08/21/2017 - 12/18/2017	7:15 PM - 8:30 PM	CREI	Crossroads Institute	0162	71L	In Person	Choate, Daniel R

## Engineering

### EGR 245: EGR 245 Engineering Mechanics - Dynamics

EGR 245 Engineering Mechanics - Dynamics (3 cr.) - Presents approach to kinematics of particles in linear and curvilinear motion. Includes kinematics of rigid bodies in plane motion. Teaches Newton's second law, work-energy and power, impulse and momentum, and problem solving using computers. Lecture 3 hours per





week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
49643 	3	M~W~~~~	08/21/2017 - 12/18/2017	9:30 AM - 10:45 AM	SUMMIT	Marion Summit Center	0207	45SV	Interactive Classroom Video	Tidwell,James Thomas
Delivered by Virginia Highland.										
49644 	3	M~W~~~~	08/21/2017 - 12/18/2017	9:30 AM - 10:45 AM	MAIN	Fincastle Hall	0218	95SV	Interactive Classroom Video	Tidwell,James Thomas
Delivered by Virginia Highland.										

## English

### ENG 111: College Composition I

ENG 111: College Composition I (3 Credits) Introduces students to critical thinking and the fundamentals of academic writing. Through the writing process, students refine topics: develop and support ideas; investigate, evaluate, and incorporate appropriate resources; edit for effective style and usage; and determine appropriate approaches for a variety of contexts, audiences, and purposes. Writing activities will include exposition and argumentation with at least one researched essay. Lecture 3 hours per week.

Class Number	Credits	Days	Dates	Time	Location	Building	Room	Class Section	Instruction Mode	Instructor
48096 	3	M~W~~~~	08/21/2017 - 12/18/2017	9:30 AM - 10:45 AM	MAIN	Carroll Hall	0225	1	In Person	Sprano,Peter A
48097 	3	M~W~~~~	08/21/2017 - 12/18/2017	11:00 AM - 12:15 PM	MAIN	Carroll Hall	0228	2	In Person	Settle,Jason
48098 	3	~T~R~~~	08/21/2017 - 12/18/2017	11:00 AM - 12:15 PM	MAIN	Carroll Hall	0225	3	In Person	Sprano,Peter A
48099 	3	~T~R~~~	08/21/2017 - 12/18/2017	9:30 AM - 10:45 AM	CREI	Crossroads Institute	0170	72	In Person	Settle,Jason