



Drafting

DRF 162: Blueprint Reading II

DRF 162 Emphasizes industrial prints, auxiliary views, pictorial drawings, simplified drafting procedures, production drawing, operation sheets, tool drawing, assembly drawings, and detailed prints. Lecture 1 hour. Laboratory 3 hours. Total 4 hours per week.

Table with 11 columns: Class Number, Credits, Days, Dates, Time, Location, Building, Room, Class Section, Instruction Mode, Instructor. Row 1: 64625, 2, ~T~~~~, 03/17/2015 - 03/17/2015, 10:30 AM - 1:00 PM, Main Campus, Grayson Hall, 0127, 95H, Hybrid, Powell,Deniese A

This is a hybrid (in-class/online) course. In Class Meeting Dates are as follows: 1/8; 1/13; 2/10; 3/17; 4/21; 4/28 from 10:30-12:30 in Room 127 Grayson.

Table with 11 columns: Class Number, Credits, Days, Dates, Time, Location, Building, Room, Class Section, Instruction Mode, Instructor. Row 1: 64625, 2, ~T~~~~, 04/21/2015 - 04/21/2015, 10:30 AM - 1:00 PM, Main Campus, Grayson Hall, 0127, 95H, Hybrid, Powell,Deniese A

This is a hybrid (in-class/online) course. In Class Meeting Dates are as follows: 1/8; 1/13; 2/10; 3/17; 4/21; 4/28 from 10:30-12:30 in Room 127 Grayson.

Table with 11 columns: Class Number, Credits, Days, Dates, Time, Location, Building, Room, Class Section, Instruction Mode, Instructor. Row 1: 64625, 2, ~T~~~~, 04/28/2015 - 04/28/2015, 10:30 AM - 12:30 PM, Main Campus, Grayson Hall, 0127, 95H, Hybrid, Powell,Deniese A

This is a hybrid (in-class/online) course. In Class Meeting Dates are as follows: 1/8; 1/13; 2/10; 3/17; 4/21; 4/28 from 10:30-12:30 in Room 127 Grayson.

Table with 11 columns: Class Number, Credits, Days, Dates, Time, Location, Building, Room, Class Section, Instruction Mode, Instructor. Row 1: 64625, 2, ~R~~, 01/08/2015 - 04/29/2015, 10:30 AM - 1:00 PM, Main Campus, Grayson Hall, 0127, 95H, Hybrid, Powell,Deniese A

This is a hybrid (in-class/online) course. In Class Meeting Dates are as follows: 1/8; 1/13; 2/10; 3/17; 4/21; 4/28 from 10:30-12:30 in Room 127 Grayson.

Economics

ECO 120: Survey of Economics

ECO 120 Presents a broad overview of economic theory, history, development, and application. Introduces terms, definitions, policies, and philosophies of market economies. Provides some comparison with other economic systems. Includes some degree of exposure to microeconomic and macroeconomic concepts.

Lecture 2-3 hours.

Table with 11 columns: Class Number, Credits, Days, Dates, Time, Location, Building, Room, Class Section, Instruction Mode, Instructor

|       |   |         |                         |                   |                  |         |   |    |        |                |
|-------|---|---------|-------------------------|-------------------|------------------|---------|---|----|--------|----------------|
| 63052 | 3 | MTWRFSU | 01/08/2015 - 04/29/2015 | 2:01 AM - 2:02 AM | Virtual (Online) | Virtual | 1 | 95 | Online | Bailey,Danny S |
|-------|---|---------|-------------------------|-------------------|------------------|---------|---|----|--------|----------------|

### ECO 201: Principles of Economics I

ECO 201 Introduces macroeconomics including the study of Keynesian, classical, monetarist principles and theories, the study of national economic growth, inflation, recession, unemployment, financial markets, money and banking, the role of government spending and taxation, along with international trade and investments. Lecture 3 hours per week.

| Class Number | Credits | Days    | Dates                   | Time              | Location         | Building | Room | Class Section | Instruction Mode | Instructor          |
|--------------|---------|---------|-------------------------|-------------------|------------------|----------|------|---------------|------------------|---------------------|
| 64060        | 3       | MTWRFSU | 01/08/2015 - 04/29/2015 | 2:22 AM - 2:23 AM | Virtual (Online) | Virtual  | 1    | 95            | Online           | Anderson,Timothy J. |

### ECO 202: Principles of Economics II

ECO 202 Introduces the basic concepts of microeconomics. Explores the free market concepts with coverage of economic models and graphs, scarcity and choices, supply and demand, elasticities, marginal benefits and costs, profits, and production and distribution. Lecture 3 hours per week.

| Class Number | Credits | Days    | Dates                   | Time              | Location         | Building | Room | Class Section | Instruction Mode | Instructor          |
|--------------|---------|---------|-------------------------|-------------------|------------------|----------|------|---------------|------------------|---------------------|
| 63053        | 3       | MTWRFSU | 01/08/2015 - 04/29/2015 | 2:02 AM - 2:03 AM | Virtual (Online) | Virtual  | 1    | 95            | Online           | Anderson,Timothy J. |

## Education

### EDU 199: Trait Writing for the Elementary and Middle School

EDU 199: Supervised Study in Education (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            |
|--------------|---------|--------|-------------------------|-------------------|-------------|--------------|------|---------------|------------------|-----------------------|
| 70897        | 3       | M~~~~~ | 01/12/2015 - 06/08/2015 | 4:30 PM - 6:30 PM | Main Campus | Wythe County | 0001 | 50            | In Person        | Phillips,Jennifer Ann |

## Electricity

### ELE 127: Residential Wiring Methods

ELE 127 Studies wiring methods and standards used for residential dwellings. Provides practical experience in design, layout, construction, and testing of residential wiring systems by use of scaled mock-ups. Lecture 1-2 hour. Laboratory 2-3 hours. Total 4-5 hours per week.

| Class Number   | Credits | Days    | Dates                   | Time              | Location           | Building             | Room | Class Section | Instruction Mode | Instructor      |
|--|---------|---------|-------------------------|-------------------|--------------------|----------------------|------|---------------|------------------|-----------------|
| 64067  |         | ~T~R~~~ | 01/08/2015 - 04/29/2015 | 4:00 PM - 4:50 PM | Crossroads (Galax) | Crossroads Institute | 0225 | 72            | In Person        | Choate,Daniel R |
| Enroll in ELE 127, 73L to register for this class section.             |         |         |                         |                   |                    |                      |      |               |                  |                 |
| 64069  | 3       | ~T~R~~~ | 01/08/2015 - 04/29/2015 | 4:50 PM - 6:05 PM | Crossroads (Galax) | Crossroads Institute | 0220 | 73L           | In Person        | Choate,Daniel R |
| Enrolling in this class automatically registers student in ELE 127,72. |         |         |                         |                   |                    |                      |      |               |                  |                 |
| 72206  | 3       | ~~~R~~~ | 01/08/2015 - 04/29/2015 | 1:00 PM - 3:00 PM | Crossroads (Galax) | Crossroads Institute | 0130 | 74L           | In Person        | Choate,Daniel R |

### ELE 135: National Electrical Code - Residential

ELE 135 Studies purposes and interpretations of the national electrical code that deals with single and multi-family dwellings, including state and local regulations. Lecture 2-3 hours. Laboratory 2-4 hours. Total 4-5 hours per week.

| Class Number | Credits | Days    | Dates                   | Time              | Location           | Building             | Room | Class Section | Instruction Mode | Instructor      |
|--------------|---------|---------|-------------------------|-------------------|--------------------|----------------------|------|---------------|------------------|-----------------|
| 64150        | 3       | M~W~~~~ | 01/08/2015 - 04/29/2015 | 9:10 PM - 9:40 PM | Crossroads (Galax) | Crossroads Institute | 0171 | 75H           | Hybrid           | Choate,Daniel R |

### ELE 151: Electrical Troubleshooting

ELE 151: Electrical Troubleshooting ( 3-4 credits) Teaches troubleshooting as applied to residential wiring and/or electrical appliances. Lecture 2-3 hours. Laboratory 3 hours. Total 5-6 hours per week.

| Class Number  | Credits | Days    | Dates                   | Time              | Location           | Building             | Room | Class Section | Instruction Mode | Instructor      |
|---|---------|---------|-------------------------|-------------------|--------------------|----------------------|------|---------------|------------------|-----------------|
| 64082   |         | M~W~~~~ | 01/08/2015 - 04/29/2015 | 4:00 PM - 4:50 PM | Crossroads (Galax) | Crossroads Institute | 0171 | 72            | In Person        | Choate,Daniel R |
| Enroll in ELE 151, 73L to register for this class section.            |         |         |                         |                   |                    |                      |      |               |                  |                 |
| 64083   | 3       | M~W~~~~ | 01/08/2015 - 04/29/2015 | 4:50 PM - 6:05 PM | Crossroads (Galax) | Crossroads Institute | 0225 | 73L           | In Person        | Choate,Daniel R |
| Enrolling in this class automatically registers student in ELE151,72. |         |         |                         |                   |                    |                      |      |               |                  |                 |

## Emergency Medical Services

### EMS 157: ALS - Trauma Care

EMS 157 - ALS - Trauma Care (3 credits) Continues the Virginia Office of Emergency Medical Services Intermediate and/or Paramedic curricula. Utilizes techniques which will allow the student to utilize the assessment findings to formulate a field impression and implement the treatment plan for the trauma patient.

Prerequisites: Current EMT-B certification and EMS 151. 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     |
|--------------|---------|---------|-------------------------|-------------------|-------------|------------|------|---------------|------------------|----------------|
| 64283        | 3       | M~W~~~~ | 01/08/2015 - 04/29/2015 | 7:00 PM - 8:20 PM | Main Campus | Smyth Hall | 0130 | 80            | In Person        | Announced, T B |

Student should register for this class at SWVCC. Class will also meet March 28-29 from 9a-6p.

### EMS 159: Special Populations

EMS 159 ALS - Special Populations ( 2 CR) Continues the Virginia office of Emergency Medical Services Intermediate and/or Paramedic curricula. Focuses on the assessment and management of speciality patients including obstetrical, neonates, pediatric, and geriatrics. Prerequisites: EMS 151 and EMS 153. Pre or co-requisite: EMS 155. Lecture 1 hour. Laboratory 2 hours. Total 3 hours per week.

| Class Number | Credits | Days    | Dates                   | Time               | Location    | Building   | Room | Class Section | Instruction Mode | Instructor     |
|--------------|---------|---------|-------------------------|--------------------|-------------|------------|------|---------------|------------------|----------------|
| 64288        | 2       | M~W~~~~ | 01/08/2015 - 04/29/2015 | 8:20 PM - 10:10 PM | Main Campus | Smyth Hall | 0130 | 80            | In Person        | Announced, T B |

Student should register for this class at SWVCC.

### EMS 201: EMS Professional Development

EMS 201 - EMS Professional Development (2 credits) Prepares students for Paramedic certification at the National Registry Level by fulfilling community activism, personal wellness, resource management, ethical considerations in leadership and research objectives in the Virginia Office of Emergency Medical Services Paramedic curriculum. Lecture 2 hours per week.

| Class Number | Credits | Days    | Dates                   | Time              | Location    | Building   | Room | Class Section | Instruction Mode | Instructor     |
|--------------|---------|---------|-------------------------|-------------------|-------------|------------|------|---------------|------------------|----------------|
| 64293        | 2       | ~~~R~~~ | 01/08/2015 - 04/29/2015 | 6:00 PM - 8:15 PM | Main Campus | Smyth Hall | 0130 | 80            | In Person        | Announced, T B |

Student should register for this class at SWVCC. Class will also meet Jan. 31 from 9a-4p.

### EMS 211: Operations

EMS 211 Operations ( 2 CR) Prepares the student in the theory and application of the following: medical incident command, rescue awareness and operations, hazardous materials incidents, and crime scene awareness. (Conforms to the current Virginia Office of Emergency Medical Services curriculum for EMT-Paramedics.) Lecture 1 hour. Laboratory 2 hours. Total 3 hours per week.

| Class Number | Credits | Days    | Dates                   | Time               | Location    | Building   | Room | Class Section | Instruction Mode | Instructor     |
|--------------|---------|---------|-------------------------|--------------------|-------------|------------|------|---------------|------------------|----------------|
| 64298        | 2       | ~~~R~~~ | 01/08/2015 - 04/29/2015 | 8:20 PM - 10:40 PM | Main Campus | Smyth Hall | 0130 | 80            | In Person        | Announced, T B |

Student should register for this class at SWVCC. Class will also meet March 29 from 9a-4p.

## Engineering

### EGR 120: Introduction to Engineering

Introduces the engineering profession, professional concepts, ethics, and responsibility. Reviews hand calculators, number systems, and unit conversions. Introduces the personal computer and operating systems. Includes engineering problem solving techniques using computer software.

| Class Number | Credits | Days    | Dates                   | Time              | Location    | Building     | Room | Class Section | Instruction Mode            | Instructor     |
|--------------|---------|---------|-------------------------|-------------------|-------------|--------------|------|---------------|-----------------------------|----------------|
| 71272        | 2       | M~W~~~~ | 01/08/2015 - 04/29/2015 | 3:30 PM - 4:45 PM | Main Campus | Carroll Hall | 0219 | 1V            | Interactive Classroom Video | Announced, T B |

### EGR 246: EGR 246 Mechanics of Materials

EGR 246 Mechanics of Materials (3 cr.) - Teaches concepts of stress, strain, deformation, internal equilibrium, and basic properties of engineering materials. Analyses axial loads, torsion, bending, shear and combines loading. Studies stress transformation and principle stresses, column analysis and energy principles. Prerequisite: EGR 140. Lecture 3 hours per week.

| Class Number | Credits | Days    | Dates                   | Time              | Location    | Building     | Room | Class Section | Instruction Mode            | Instructor     |
|--------------|---------|---------|-------------------------|-------------------|-------------|--------------|------|---------------|-----------------------------|----------------|
| 71273        | 3       | ~T~R~~~ | 01/08/2015 - 04/29/2015 | 8:00 AM - 9:15 AM | Main Campus | Carroll Hall | 0219 | 1V            | Interactive Classroom Video | Announced, T B |