

## MCEF UPGRADE CLASSES DESCRIPTION AND SCHEDULE



**Electrical Journey Prep:** This course covers AC current, DC current, 3 phase electrical, electrical theory, NEC® code and load calculations. You must have had four years or more experience in the electrical field preparing to take the state journeyman's exam. A current NEC® code book is required for this class.

Location	Day	Time	Start Date	End Date	Cost
Hinds– Raymond	TH	6-10 pm	11/3/11	12/8/11	\$250
MGCC– Jeff Davis	TH	6-10 pm	11/3/11	12/8/11	\$250
Hinds– Raymond	TH	6-10 pm	6/7/12	7/12/12	\$250
MGCC– Jeff Davis	TH	6-10 pm	6/7/12	7/12/12	\$250

**Plumbing Journey Prep:** This course covers plumbing definitions, general DWV sizing, water system sizing, traps and injection connections, indirect wastes, plumbing fixtures and waster, and Uniform Plumbing Codes.

Location	Day	Time	Start Date	End Date	Cost
Hinds– Rankin	TH	6-10 pm	11/3/11	12/8/11	\$250
MGCCC– Jeff Davis	TH	6-10 pm	11/3/11	12/8/11	\$250
Hinds– Rankin	TH	6-10 pm	6/7/12	7/12/12	\$250
MGCCC– Jeff Davis	TH	6-10 pm	6/7/12	7/12/12	\$250

**Motor Controls:** This course covers applications and operating principles of solid state controls, reduced-voltage starters, adjustable frequency drives, troubleshooting procedures, sizing, installation, control circuit pilot devices and basic relay logic. This class is limited to 12 students and is for the experienced electrical craft professional.

Location	Day	Time	Start Date	End Date	Cost
Hinds– Raymond	MON	6-10 pm	11/7/11	12/12/11	\$250
MGCCC– Jeff Davis	MON	6-10 pm	11/7/11	12/12/11	\$250
Hinds– Raymond	TUE	6-10 pm	5/1/12	6/5/12	\$250
MGCCC– Jeff Davis	TUE	6-10 pm	5/1/12	6/5/12	\$250

**Advanced Transformers:** This course covers various types of transformers and their applications. It will also provide information on selecting, sizing, installing, connections, construction, protection and grouping of the devices. This class is limited to 12 students and is for the experienced electrical craft professional.

Location	Day	Time	Start Date	End Date	Cost
Hinds– Raymond	TUE	6-10 pm	10/18/11	11/22/11	\$350
MGCCC– Jeff Davis	TUE	6-10 pm	10/18/11	11/22/11	\$350
Hinds– Raymond	TH	6-10 pm	5/3/12	6/7/12	\$350
MGCCC– Jeff Davis	TH	6-10 pm	5/3/12	6/7/12	\$350

**High Voltage Cable Splicing:** This course described methods of terminating and splicing conductors of all types and sizes including preparing and taping conductors. This is an overview of NEC® and cable manufacturers' requirements for HV terminations and splicing. This class is limited to 12 students and is for the experienced electrical craft professional.

Location	Day	Time	Start Date	End Date	Cost
Hinds– Raymond	WED	6-10 pm	11/2/11	12/7/11	\$350
MGCCC– Jeff Davis	WED	6-10 pm	11/2/11	12/7/11	\$350
Hinds– Raymond	WED	6-10 pm	5/2/12	6/6/12	\$350
MGCCC– Jeff Davis	WED	6-10 pm	5/2/12	6/6/12	\$350

**Finishing and Grading:** Introductory class on grades and finishes designed for those with the desire to understand planning grades, profiles, site layout, common stake markings, finish grade stakes and measuring devices. This course will use actual road and site plans. There will be flexibility for advanced students to be involved in more advanced projects.

Location	Day	Time	Start Date	End Date	Cost
MCEF Office	TUE	6-9 pm	10/18/11	11/15/11	\$250
MCEF Office	TUE	6-9 pm	3/20/12	4/17/12	\$250

**Crew Leadership:** This course is designed to assist the recently promoted crew leader and is beneficial for anyone in management. It will cover basic leadership skills and explains different leadership styles, communication, delegating and problem solving, job-site safety. The crew leader's role in safety is also discussed.

Location	Day	Time	Start Date	End Date	Cost
MCEF Office	TUE	6-9 pm	10/20/11	11/17/11	\$250
MCEF Office	TUE	6-9 pm	2/2/12	3/1/12	\$250

**Command Construction Spanish:** This is a 16 hour mini course designed to introduce Command Construction Spanish to superintendents, foremen and other job site supervisors. This course will provide those with a supervisory role the basic tools needed to provide direction and instruction to their Spanish-speaking employees.

Location	Day	Time	Start Date	End Date	Cost
MCEF Office	WED	6-8 pm	10/19/11	12/7/11	\$250
AGC Office-Gulfport	TH	6-8 pm	10/20/11	12/8/11	\$250

**Mentoring New Employees:** This 3-hour workshop will discuss generational differences and provide crew leaders and supervisors with onsite and mentoring techniques that will help reduce turnover and awkward transition for new workers. Newly hired employees require mentoring in order for them to transition smoother into the work place

Location	Day	Time	Date	Cost
MCEF Office	TUE	1-4 pm	11/15/11	\$80
AGC—Gulfport	TH	1-4 pm	11/17/11	\$80
ICC—Tupelo	TUE	1-4 pm	11/22/11	\$80
MCEF Office	TUE	1-4 pm	4/17/12	\$80
AGC—Gulfport	TH	1-4 pm	4/19/12	\$80
ICC—Tupelo	TUE	1-4 pm	4/24/12	\$80

**Davis-Bacon Workshop:** This 2 hour workshop will cover the U. S. Department of Labor procedures for federally funded projects, wage determinations, journey rates, fringe benefits, on-the-job training reports (OJT) and reporting requirement and the Apprenticeship Standards.

Location	Day	Time	Date	Cost
ABC—Pearl	TUE	9-11am	9/7/11	Free
AGC—Gulfport	TH	9-11am	9/8/11	Free

**Safety Summit:** Breakout sessions that include confined space, fall protection, arc and spark, aerial lift, crisis management, work zone safety, MDOT law enforcement, crane safety & regulations, fall protection, behavior based safety and Workers' Comp. CEU credits offered.

Location	Day	Time	Date	Cost
MS Trade Mart	WED	8 am-3 pm	2/29/12	\$75

**Classes sponsored by:**

Mississippi Construction Education Foundation  
 290 Commerce Park Drive, Suite B ▪ Ridgeland, MS 39157  
 Phone: 601-605-2989 ▪ Fax: 601-605-2987 ▪ [www.mcef.net](http://www.mcef.net).



## UPGRADE CLASS REGISTRATION

**Advance Transformer - \$350 – 6 – 10 pm**

- HCC-Raymond 10/18/11 – 11/22/11
- MGCCC-JD 10/18/11 – 11/22/11
- HCC-Raymond 5/3/12 – 6/7/12
- MGCCC-JD 5/3/12 – 6/7/12

**High Voltage Cable Splicing - \$350 – 6 – 10 pm**

- HCC-Raymond 11/2/11 – 12/7/11
- MGCCC-JD 11/2/11 – 12/7/11
- HCC-Raymond 5/2/12 – 6/6/12
- MGCCC-JD 5/2/12 – 6/6/12

**Command Construction Spanish - \$250 – 6 – 8 pm**

- MCEF Office 10/19/11 – 12/7/11
- AGC-Gulfport 10/19/11 – 12/7/11

**Mentoring New Employees - \$80 – 1-4 pm**

- MCEF Office 11/15/11
- AGC-Gulfport 11/17/11
- ICC-Tupelo 11/22/11
- MCEF Office 4/17/12
- AGC-Gulfport 4/19/12
- ICC-Tupelo 4/24/12

**Crew Leadership - \$250 – 6 – 9 pm**

- MCEF Office 10/20/11 – 11/17/11
- MCEF Office 2/2/12 – 3/1/12

**Motor Controls - \$250 – 6 – 10 pm**

- HCC-Raymond 11/7/11 – 12/12/11
- MGCCC-JD 11/7/11 – 12/12/11
- HCC-Raymond 5/1/12 – 6/5/12
- MGCCC-JD 5/1/12 – 6/5/12

**Plumbing Journey Prep - \$250 – 6 – 10 pm**

- HCC-Rankin 11/3/11 – 12/8/11
- MGCCC-JD 11/3/11 – 12/8/11
- HCC-Rankin 6/7/12 – 7/12/12
- MGCCC-JD 6/7/12 – 7/12/12

**Electrical Journey Prep - \$250 – 6 – 10 pm**

- HCC-Raymond 11/3/11 – 12/8/11
- MGCCC-JD 11/3/11 – 12/8/11
- HCC-Raymond 6/7/12 – 7/12/12
- MGCCC-JD 6/7/12 – 7/12/12

**Finishing and Grading - \$250 – 6 – 9 pm**

- MCEF Office 10/18/11 – 11/15/11
- MCEF Office 3/20/12 – 4/17/12

**Safety Summit - \$75 (Individual) – 8 am – 3:30 pm**

- MS Trade Mart –Jackson 2/29/12

**Davis-Bacon Workshop – Free – 9 – 11 am**

- MSABC-Pearl 9/7/11
- MSAGC-Gulfport 9/8/11

Send completed registration form to:

Mississippi Construction Education Foundation, 290 Commerce Park Dr., Suite B., Ridgeland, MS 39157 \*  
 PH: 601-605-2989 FAX: 601-605-2987 \* Email: [cindy@mcef.net](mailto:cindy@mcef.net)

Participant Name: \_\_\_\_\_ PH: (\_\_\_\_) \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_  
 (Street/P. O. Box) City State Zip

Payment must accompany registration. Credit cards accepted.

Check enclosed for \$ \_\_\_\_\_  Invoice – P. O. # \_\_\_\_\_

VISA  MasterCard Card# \_\_\_\_\_ 3-Digit \_\_\_\_\_

Expiration Date: \_\_\_\_\_  
 Mo Year