

Landscape Architect Registration Examination Preparatory Courses

Performance Sections

Grading & Drainage

Section E (Regular)

April 9-11, 2010

Site Design

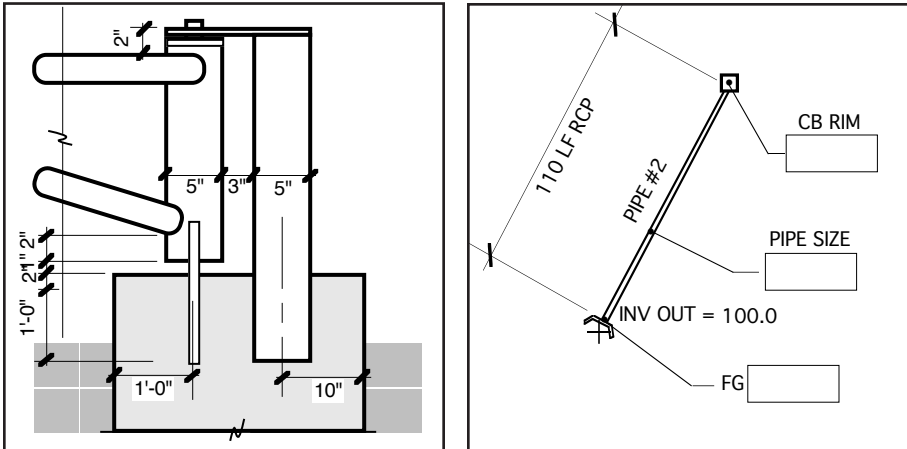
Section C

April 23-25, 2010

Grading & Drainage

Section E (Advanced)

April 30-May 2, 2010



Freeman & Jewell Landscape Architecture

Freeman & Jewell

Landscape Architecture

1422 Peralta Avenue
Berkeley, CA 94702

Freeman & Jewell Landscape Architecture is once again offering our popular series of preparatory courses for candidates taking the Landscape Architect Registration Examination. The courses are generally offered four times each year in Northern California, usually four to six weeks prior to the examination dates. Our classes have attracted students from 24 states, Canada, and Germany.

CLARB has changed the timing of the multiple choice sections of the examination in 2006. As a result, we have altered our schedule from past years. Our review courses will generally be offered as follows:

Three day courses in April and October covering:
Section C: Site Design

Three day courses in April and October covering:
Section E: Grading, Drainage and Stormwater Management

Three day courses in January and July covering the three objective sections of the examination:

- A: Project and Construction Administration
- B: Inventory, Analysis and Program Development
- D: Design and Construction Documentation

Note: All of our classes are current with the 2006 exam format, and are updated every six months.

Grading & Drainage: Section E Bootcamp Landscape Architects Registration Examination

Through lecture, group discussion, and practice exercises, this intensive three day course focuses on preparing students to take Section E: Grading & Drainage of the Landscape Architects Registration Examination. The course includes a look at how the performance sections of the LARE are organized, what material is typically covered on the exam, strategy tips on attacking the vignettes and how the vignettes are evaluated by the licensing boards. The course covers the fundamentals of grading and drainage, intermediate-level concepts for grading and problem solving techniques applied to example exercises. Exercises of increasing difficulty will be given and reviewed during the course, ultimately reaching the level of the actual exam vignettes. Each student will receive a course syllabus containing approximately 130 pages of information pertinent to Section E and a minimum of 20 exercises and vignettes. Desk crits while working are part of the class.

The program includes

- Overview of the Exam and Section E
- An Introduction to Grading & Drainage
- Solving Watershed Planning Problems
- Grading Platforms
- Foundation Systems and Setting Finish Floors
- Accessibility Requirements
- Roadway Grading
- Grading Processes and Procedures
- Storm Drainage and Stormwater Management
- Vision Cone Problem Solving
- Elements of Storm Water Ponds and Dams
- Sizing Stormwater Basins
- Practical Techniques for Solving Vignettes
- Basic Exam Preparation Techniques

Students will complete timed problems covering basic skills required in grading and drainage design. The class takes a programmed approach to Section E, covering basic concepts and developing each subset of this section through the use of quick introductory exercises and building to solving full vignette problems typical of those encountered on the LARE. The instructor will provide tips on how to break problems down and conceptualize a plan of attack for developing solutions. The last day and a half of the course will be spent mainly working and then reviewing timed vignette-type problems typical of those on the exam.

Section E Who Should Attend

This course would benefit candidates for the LARE who are taking the exam for the first time, are having difficulty with Section E, or need a refresher on grading skills and their application to drainage systems. Landscape Designers, Architects, Design-Build Contractors, or Plan Reviewers who want to expand their knowledge of grading and drainage design and how it relates to the construction process may also benefit.

Instructor

Ray Freeman, is a principal of Freeman & Jewell Landscape Architecture and has more than 30 years of experience as a Landscape Architect. His specialty areas include site planning, layout and grading plans, sedimentation control, storm drainage and storm water management design, pond design, environmental permitting, and construction detailing. Mr. Freeman has taught this section of the LARE review since the Spring of 2000. He also taught grading and drainage in the Landscape Architecture program at the University of California at Berkeley between 1995-1999.

Date, Time and Location

April 9-11, 2010. Friday 9 am-6:30 pm, Saturday 9:00 am-6:30 pm, and Sunday 9 am-6 pm. Location: YMCA Point Bonita Conference Center, Golden Gate National Recreation Area, Marin County. A map and directions will be furnished upon enrollment. **This is our normal Section E review class.**

Each Participant will need to bring the following supplies

- Architect and Engineers scales
- Parallel glider, T-square or portable drafting board
- Adjustable triangle and small 45 & 30/60 triangles
- Circle templates
- Drafting tape
- Pencils or leadholders and erasers
- Highlighter
- Calculator with square root capability
- 12-inch roll of tracing paper
- Notepad

“I passed both sections, so first and foremost I would like to thank you for all of your help. I surely would have failed both without your class.”

Site Design

Section C Bootcamp

Landscape Architects Registration Examination

Through lecture, group discussion, and practice exercises, this intensive two day course focuses on preparing students to take Section C: Planning & Site Design of the LARE. The course includes an overview of Section C of the exam, the fundamentals of planning and design related skills necessary to pass this section, and problem solving techniques applied to example exercises. Each student will receive a course syllabus containing approximately 90 pages of information pertinent to Section C of the LARE.

The program includes

- Overview of the exam and Section C
- Graphic Conventions for Section C
- Pre-exam planning and preparation for the LARE
- Planning standards used in the Site Design section
- Typical types of problems encountered in Section C
- Site Analysis and Programming
- Vehicular and Pedestrian Circulation Systems
- Site Planning
- Accessibility Requirements
- Setting priorities in solving vignettes
- Implications of scale in using LARE design standards

Students will complete timed problems covering basic skills required in planning and site design. Lectures on topics tested by the exam and encountered in professional practice will be given each day. The class takes a programmed approach to Section C, covering basic concepts and developing each subset of this section through the use of quick introductory exercises and building to solving full vignette problems typical of those encountered on the LARE.

Class pin ups of a number of the vignettes will be done and solutions and issues discussed. Desk crits while working are part of the class. A total of 20 exercises will be given out.

Who Should Attend

This course would benefit candidates for the LARE who are taking the exam for the first time or are having difficulty with Section C.

Date, Time and Location

April 23-25, 2010. Friday 9 am-6:30 pm. Saturday 9 am-6:30 pm, and Sunday 9 am-6 pm. Location: YMCA Point Bonita Conference Center, Golden Gate National Recreation Area, Marin County. A map and directions will be furnished upon enrollment.

Each Participant will need to bring the following supplies

- Architect and engineers scales
- Parallel glider, T-square or portable drafting board
- Adjustable triangle and small 45 & 30/60 triangles
- Circle templates
- Drafting tape
- Pencils or leadholders and erasers
- Highlighter
- Calculator with square root capability
- 12-inch roll of tracing paper
- Notepad
- Scissors and several 8.5x11 sheets of stiff vellum

Comments by former students

“I want to thank you for a great Section C class. One of the keys for me that I learned in your class, was the use of templates for the circulation problems. Those definitely speeded up the problem solving, and kept me from getting to involved in a solution that wasn't the best.” Ed Armstrong, Sacramento, CA

“I passed both sections (C & E). This was my first try for both so I am really happy, excited, and relieved that I passed!! Both of your prep courses were extremely valuable.” Christina De Martini, San Francisco, CA Fall 03

“I'm pleased to let you know that I passed both the C and E June exams. Your review classes were a tremendous help in preparing for the exams and I really appreciate your dedication in offering the classes.”
Georgia Leung, Santa Cruz, CA Apr 07

“Just wanted to say thank you once again for a great class this spring. Scores were just posted and I wanted to let you know that I passed section C. I am happy to report that I am done!” Heather Armstrong, Ashland, OR, Apr 08

“The challenging exercises and vignettes were a real strength. The review after completing each exercise and vignette further strengthened my understanding. Instructor was fabulous. I learned everything I needed to know.”

Grading & Drainage: An Advanced Review of Section E Landscape Architects Registration Examination

Through lecture, group discussion, and practice exercises, this intensive three day course focuses on preparing students to take Section E: Grading & Drainage of the Landscape Architects Registration Examination. The course includes a brief review of factors critical to passing the performance sections of the LARE, strategy tips on attacking the vignettes and how the vignettes are evaluated by the licensing boards. *Fundamentals of grading will not be reviewed.* Instead this class will focus on building and reinforcing skills essential to successfully completing section E vignettes as currently occur on the LARE. There will be significant time dedicated to grading dams, ponds, headwalls and other common stormwater management facilities. Every vignette will be equal to or exceed the difficulty of exam vignettes. Each student will receive a course syllabus containing approximately 130 pages of information pertinent to Section E of the exam, 14 vignettes (some 2-part) and 9 smaller exercises. Desk crits while working are part of the class.

The program includes

- Overview of the Exam and Section E
- Basic Exam Preparation Techniques
- Practical Techniques for Solving Vignettes
- Accessibility Requirements
- Grading Processes and Procedures
- Grading as a Design Process
- Effects of Urbanization on Watersheds
- Storm Drainage and Stormwater Management
- Watershed Planning Problems
- Building Foundation Systems
- Interpretation of soils maps and reports
- Pond and dam components, functions and design
- Techniques for solving vision cone problems

Students will complete timed vignettes typical of those on Section E of the LARE. The class takes a programmed approach to Section E, with lectures covering concepts and techniques applicable to specific vignette types, followed by a timed vignette which tests the skills taught. Individual feedback will be given to students as they work. Each vignette will then be reviewed by the class as a whole. The instructor will provide tips on how to break problems down and conceptualize a plan of attack for developing solutions. All three days will generally follow this format.

Section E for Advanced Students Who Should Attend

This course would benefit candidates for the LARE who are having difficulty with Section E despite being familiar with grading plans in an office environment. It will also be very useful to students who lack an understanding of the fundamentals of stormwater management systems and their development using contours and spot elevations. Landscape Designers, Architects, Design-Build Contractors, or Plan Reviewers who want to expand their knowledge of grading and drainage design and how it relates to the construction process may also benefit.

Date, Time and Location

April 30-May 2, 2010. Friday 9 am-6:30 pm, Saturday 9:00 am-6:30 pm, and Sunday 9 am-6 pm. Location: YMCA Point Bonita Conference Center, Golden Gate National Recreation Area, Marin County. A map and directions will be furnished upon enrollment. **This class is intended as an advanced review. Please register for the April 9-11 class if you are not comfortable with your grading skills.**

Each Participant will need to bring the following supplies

- Architect and Engineers scales
- Parallel glider, T-square or portable drafting board
- Adjustable triangle and small 45 & 30/60 triangles
- Circle templates
- Drafting tape
- Pencils or leadholders and erasers
- Highlighter
- Calculator with square root capability
- 12-inch roll of tracing paper
- Notepad

“I passed both C & E! That means I have passed all 5 on the first try!!! -and I definitely attribute my success to your classes.”

Stacy Wons, Half Moon Bay, CA Summer & Fall 04

“I passed section C! So that does it for me, I am done! Both review classes were great and time well spent. “ Alex Schwartz, Portland, OR Spring & Fall 04

“Thank you so much for your help, I passed 4 of the 5 exams on the first try and I am sure that it is due to your classes and support. I feel that your study courses are a great investment! “ Sara Fix, Sacramento, CA Jul & Oct 08

For More Information

For specific information or questions, **E-mail** (*this is the preferred method for contact*) Rayfreeman3@comcast.net.

Phonel (510) 528-0375. You may also fax questions to this number. Please leave an e-mail address for replies.

Registration Deadlines

Enroll early! Class size is limited to a firm maximum of 26 in each session. Due to the requirements of our contract with the YMCA, the following deadlines have been set for registration:

April 9-11 Class: March 26, 2010..

April 23-25 Class: April 9, 2010.

April 30-May 2 Class: April 16, 2010.

Registration applications which are postmarked after the deadline for registration will be charged an additional \$25.00.

Cancellation & Refund Policy

Classes may be cancelled or rescheduled due to circumstances beyond our control. In the event a class is cancelled, a full refund will be made for that class.

If your plans change and you will not be able to attend a class for which you have registered, a refund (less a \$70 processing fee) will be given if the cancellation notice is received by the relevant registration deadlines given above. Cancellations after the deadline will be charged the full course fee unless we are able to fill the slot from our waiting list. If we are able to do so, the cancellation fee will be \$100.00.

About the location

The YMCA Point Bonita Conference Center is located between the Point Bonita Lighthouse and Rodeo Beach and is within the Golden Gate National Recreation Area. Their website is at <http://www.ymcasf.org/ptbonita/> The YMCA facility is within easy walking distance of the Point Bonita Lighthouse, Rodeo Beach and Rodeo Lagoon. Waterfowl and wildlife abound on and adjacent to the campus.

Comments by former students

"This course proved to be the deciding factor for me passing. As a project manager, I do grading plans quite often and people look to me for professional guidance. When I took your class, it became crystal clear that I was missing some key elements in my solutions. The practice vignettes in addition to the instructor's insight and experience was what I needed to pass." Darin Nordahl, Redding, CA.

"Its a bloody miracle! After 5 attempts, thousands of dollars and losing pounds of hair, I just found out that I passed my nemesis - Section E....and I owe it largely in part to your study session in San Francisco. Thanks to you I have now passed the LARE." Gyles Thornely, Aspen, CO Apr 07

"I passed multiple choice sections A, B, D, and Site Design section C the first time I took them. I will be taking Grading Section E for the first time in June. Thank you so much for all of your help and support throughout this process. I truly believe that I would not have even come close to passing if I had not taken your classes." Vicky Wilson, Stockton, CA Oct 07

"I am excited to let you know that I passed both sections C and E! I have no doubt that your review courses gave me the tools, momentum and confidence to pass. Your courses covered everything and more that was required to know on the exam. I would recommend anyone taking the test to avoid the anxiety and disappointment I felt after failing both sections in December to take your review course. I also want to thank you for your down to earth, supportive and "demystifying" approach to teaching the review courses." Mary Dewing, Modesto, CA, Apr 06

"Against all odds I passed the grading exam this time! I am so relieved and thankful that I found your class! No one offers the kind of class that you put so much work into--it is so valuable, I can't even tell you! Many thanks again from one happy camper in Michigan!" Nannette Alton, Lansing, MI, Oct 07

"I have now successfully passed all 5 sections. I credit you and your courses for that, and appreciate all that you taught us." Troy Cook, SLC, UT, Apr 08

"Very good at reinforcing basic skills in preparation for the exam. Instructor is great at explanations in a very straightforward manner. I found the practice vignettes to be incredibly valuable and appreciated the overview of each vignette."

"I just received the official letter from the State of Washington that I have passed Section C. Many thanks for the class! I could not have sorted out the program without all of your guidance." Wes Simmonds, Seattle, WA Apr 06

"Thank you for offering these classes...they are a great help in taking the test. I really think that the two (performance section) courses prepared me better than I ever could have done on my own." Valerie Peninno, Stockton, CA Fall 03

Complete the form and mail it to

Freeman & Jewell Landscape Architecture
1422 Peralta Avenue
Berkeley, CA 94702

1. Fees

Course fees are as follows:

April 9-11 Class E (Basic): \$445

April 23-25 Class C: \$445

April 30-May 2 Class E (Advanced): \$445

Multi-course discount: Subtract \$40 from total fee.

In order to receive the multiple course discount, you must sign up for both courses at the same time. Please note that we have added 2 hours of class time and a lunch to all of our courses as of fall 2009.

Registration applications which are postmarked after the deadline for registration will be charged an additional \$25.00. See previous page.

Lunch on all three days is included in the course fees. Complimentary soft drinks, coffee, tea, and bottled water are provided as part of the course. Light snacks are provided at breaks.

2. Room and Board Options

You may sign up to spend the night at the YMCA as part of the course package. You may also sign up for Breakfast and/or Dinner as well. Vegetarian or vegan option on all meals may be requested. Meals are cafeteria style, all you can eat. Bunkhouse style accommodations: You will need to bring your own sleeping bag or bedclothes, pillow, washcloth, towels, and toiletries. Flashlights are highly recommended for instructor-led night time hiking. The closest commercial eating establishments are in Sausalito, 15-20 minutes away.

The following options are available:

Option 1: Three nights stay with extra meals (Room: Thu, Fri, Sat ...Breakfast Friday thru lunch Sunday) [\$110]

Option 2: Two night stay with extra meals (Room: Fri, Sat ...Lunch Friday thru lunch Sunday) [\$80]

Option 3: Room Fri and Sat only, no extra meals. [\$40]

Linen: Pillows, sheets, blankets, washcloths and towels provided by the YMCA for your stay. [\$30]

Extra nights are \$30/person/night. Extra meals are \$11 each.

Due to planning requirements of the YMCA, you must sign up for the room and board options at the same time you register for classes.

Please return the Enrollment/Payment form on the next page with your check made out to Freeman & Jewell.

We are unable to accept credit cards. Please do not send cash.

Caltrans has recognized these courses as being eligible for reimbursement as an education/professional development expense.

In order to keep administrative costs down, we are unable to provide advanced documentation to governmental agencies in order for them to cut payment checks directly to us. Please apply for reimbursement after the course. We will be happy to provide certificates of completion upon your request. Acknowledgement of payment and receipts are sent to all registered parties.

Multiple Choice Sections

CLARB has changed the timeline for the exam to reflect computerization of the multiple choice sections of the LARE (Sections A, B and D). Accordingly, we have moved our review courses for Sections A, B and D of the LARE to January and July. Detailed information on these courses will be sent out about six weeks prior to the class dates.

"I passed!!!! Fourth time's a charm I guess. Your class absolutely made the difference, no doubt in my mind. Thanks for your service to the profession!"

Josh Sundloff, Kaysville, UT Apr 08

"I want to thank you for getting me over the hump. I thought I was close before I took your class, however, your class and teaching really helped to expose my weaknesses. I would gladly recommend your class. I was very impressed with your presentation and knowledge of the material." David Josephus, Durham, NC Apr 07

"I passed both C and E on the first try!!!! Your bootcamps made it happen. Thank you so much for providing such a wonderful service. I tell everyone your classes are essential. Now I have the proof!" Doug Woodruff, Salt Lake City, UT Oct 07

"If I had not gone to your class I would not have had a prayer in solving the problems on the December exam. I feel like I did very well, especially with the first 3 problems. I can definitely design a pond now and I am so much better at checking the grades as I go." Jeanine Thompson, Loudonville, NY, Oct 09

"I passed both C & E!!!! I'm ecstatic! I definitely couldn't have done it without your class! Thanks so much. The class was a great investment!"
Sherri Osaka, San Jose, CA Oct 08

3. Enrollment

Please enroll me in the following courses: (\$445 each)

- Grading & Drainage: Section E Bootcamp (Apr 9-11)
- Site Design: Section C Bootcamp (Apr 23-25)
- Grading & Drainage: An Advanced Review of Section E (Apr 30-May 2)

- I would like Option 1 (3 nights +5 extra meals) [\$110]
- I would like Option 2 (2 nights +4 extra meals) [\$80]
- I would like Option 3 (2 nights room only) [\$40]
- I would like Linen (bedding and towels) [\$30]

- I would like vegetarian meals (including lunch)
- I would like vegan meals (including lunch)

4. Payment

Number of courses: _____ Total course fees: \$ _____

Additional fees for room, board, linen options: \$ _____

I enclose a check for \$ _____ as full payment for all courses selected, as well as room and board options desired. **Make checks payable to: Freeman & Jewell.**

5. Customer Information (please print legibly)

Note: If you do not want your home address put on the class rosters, please provide your work mailing address instead.

Name: Mr. Ms. _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ (ofc) -shows on class roster-

_____ (h) -not shown on roster-

E-Mail: _____

Employer: _____

Additional comments by former students

“Thank you very much for your review course! I had taken the grading section three previous times and had also attended review courses by others, but found your course to be the most comprehensive, applicable and helpful in preparing me for this section of the exam. Thank you!” Melynda Miya, Hanford, CA Oct 03

“Your class was the extra boost that I needed to get me through Section E. Before taking your class I had failed Section E (4) times. Thank you for taking the time to offer an extensive review class for Sec E.” Chad Wallerstadt, Chicago, IL Oct 07

“I finally conquered my arch nemesis! I PASSED section E! Finally!! Your class was the icing on the cake that I needed. Thank you very much for all your help and support! I really appreciate it!” Sarah Moll, Denver, CO Apr 09

“I passed both C & E!!!! I'm am so excited!! It was my third try on E and my first attempt on C. I could not have done it without your review courses. It would be almost impossible for me to successfully study for these exams by myself, working independently and hours of drive time away from any study partners. Thanks so much for taking the time to do these courses, it's been a life saver for me.” Angie Feser, Helena, MT Spring & Fall 04

“I'm happy to report that your review course was exactly what I needed to finally get past Section E of the exam. Further proof of the benefit of your review course is found in comparing my various results on section E the four times that I had to take it. I had never passed more than a single vignette on section E. So the awesome turn around I managed this time was great.” Justin Ware, Stockton, CA Oct 04

“I just wanted to let you know I passed all of my tests the first time around and am quite happy. Thanks again for you course on sections C&E. Even though the classes were a good 9 hour drive from Salt Lake City, I would highly recommend them.” Reid Mitchell, Salt Lake City, UT Oct 05

“Thank you very much for all your efforts. I really appreciate all your time and every input! I passed all 5 sections with the June and August exams at my first time. I'm sure that I would not be able to achieve this without your prep course and all your help! I've strongly recommended your course to all the people that I know who are going to take the exams.” Juan Du, Albany, CA Spring & Summer 04

“I just wanted to let you know that I got my scores this morning and I PASSED both sections! Thanks for the great classes - I believe they made the difference.” Rebecca Colbert, Berkeley, CA Apr 06

“I can't believe it but I actually passed Section E. Your classes were absolutely fabulous and I recommend them to everybody. Thanks again for everything.” Lisa Friedlander, Berkeley, CA Sep 08