



Junction 2012 Seminar Teacher Application

DUE SUNDAY FEBRUARY 26

Dear prospective teacher,

We're glad you're interested in joining the seminar team for Junction 2012! We are excited to see your application and perhaps meet you at an interview. There is no need to feel intimidated if you have not taught before, since one of Junction's goals is to introduce undergraduate and graduate students to teaching in a fun and unique environment.

Before you begin this application, please be sure to read about Junction and the seminar teaching position on [our Web site](#). Be sure to review the seminar teaching job requirements [here](#) and also look over the program from the students' perspective (the daily schedule, selection of core classes, and description of the seminar program) [here](#).

The application (on the following page) consists of 4 parts:

1. Basic information
2. Questions about teaching for Junction and a proposal for a single 75-minute course
3. Questions about social engineering at Junction and a proposal for an event or activity
4. Your availability for a group interview

Please turn in all parts by **Sunday, February 26**. You can fill out the PDF form using Adobe Acrobat (available in the WinAthena clusters at MIT) or any software that allows you to add text to a PDF, and e-mail the completed form to junction@mit.edu. If you have Adobe Reader, you may also fill and print the form (as Reader will not allow you to save it) and turn in a photocopy of your finished application to the MIT ESP office, Stratton Student Center, 84 Massachusetts Avenue, Rm. 467 on the 4th floor. If you do this, we recommend you keep your original application for your records. Applicants will be contacted for interviews no later than Tuesday, February 28.

Feel free to e-mail us if you have any questions while filling out your application, or even if you would like to bounce a class or activity idea off of us before creating a final course proposal. We're friendly, we promise!

~ The Junction 2012 team

Important Dates and Deadlines	
E-mail junction@mit.edu with intent to apply	ASAP
This application due	February 26
Interviews offered	latest February 28
Interviews conducted	March 3 – 8
Results of interviews sent	March 11
Deadline to accept job offers	March 16
First seminar teachers' meeting	TBD, March 18 – 20



Junction 2012 Seminar Teacher Application

0. **Before you do anything else**, please e-mail junction@mit.edu letting us know of your intent to submit this application. In your e-mail please include your school, department or major, and year (if applicable).

1. Basic information

First name: _____ Last name: _____

School: _____

Department or major(s): _____

E-mail: _____ Cell #: _____

How did you hear about Junction? _____

2. Teaching

- A. **Please list or briefly summarize your experience teaching** (your own classes, being a LA or TA, tutoring, etc.) If you have not taught before, that's fine too, just let us know. Feel free to also include experience as a camp counselor, or other experiences where you were responsible for minors, that you find relevant.

- B. In 200 words or fewer, please describe why you want to be a seminar teacher for Junction this summer.



Junction 2012 Seminar Teacher Application

C. *What do you like to teach?* Please rate each of the following subject categories from 1–5 as follows:

Scale:	Blank	I don't particularly want to teach in this subject area
	1	I'm willing to teach in this subject area
	3	I would be happy to teach in this subject area
	5	I'm <u>really really excited</u> to teach in this subject area!

For each category you rank, please also provide one to three examples of classes you might teach in that subject area. These responses are not meant to be the classes you will actually end up teaching for Junction's seminar block, but rather to give an idea of where your interests lie regarding subjects you might teach.

EXAMPLE ANSWER: Physical Sciences 4 - Planetary Geology, Ocean Chemistry

Physical sciences _____

Biological sciences _____

Engineering _____

Mathematics _____

Computer science _____

Social sciences _____

Languages and literatures _____

Visual or performing arts _____

Sports and games _____

Other hobbies _____

Academic skills _____

(interviewing, organization, study skills, etc.)

Any categories we forgot?



Junction 2012 Seminar Teacher Application

D. Sample lesson plan

Please describe a 75-minute class that you'd be exceptionally excited to teach during the Junction 2012 seminar block. Be sure to include:

- * What material you would cover
- * How you would structure the 75-minute block of class
- * Detailed plans for any demos or activities
- * Any other details you feel are important or relevant

If the class would be taking place outside of a normal classroom (e.g. outdoors, in a gymnasium, in a kitchen, in a lab), please also make note of this.

Junction seminar classes may span a wide range of levels and difficulties, but should have very few or no prerequisites. They should provide students opportunities to “get their feet wet” in subjects they would not encounter in a typical high school setting, or otherwise introduce new games, arts, skills, etc. They should be as interactive as possible (not just 100% lecture), and should be exciting and enjoyable for the students.

Please be prepared to present and answer questions about your lesson plan at a group interview, as well as give a **10-minute teaching sample** based on this lesson plan, as if you were really teaching the class. You will have access to a board and projector. The interviewer and your interview-mates will act as your students.



Junction 2012 Seminar Teacher Application

3. Social Engineering

A. *What types of interactions with students would you most enjoy?*

Please rate each of the following activities on a scale of 1–5 as follows:

- 1 I would prefer to avoid this type of interaction
- 3 I'm happy to do this, but won't seek it out over other things
- 5 I'm really looking forward to this type of interaction with students

_____ Talking about academic subjects

_____ Talking about college, research or your own experiences

_____ Playing card games or board games

_____ Playing sports or outdoor / active games

_____ Giving guidance on students' personal or social issues

Other? _____

B. As a team, Junction's seminar teachers also plan and run activities for the students. Past activities have included dance parties, capture-the-flag tournaments, picnics, talent shows, museum trips and movie nights.

Please propose one specific activity that you would be excited to help organize and run this summer. Describe the activity thoroughly and be sure to include types of space or supplies required, the number of volunteers/staff members needed to run the activity, and any other relevant details. The activity may be program-wide (for ~ 90–120 students) or for a smaller group of students of any size.

Please be prepared to present and answer questions about your activity plan at the interview.



Junction 2012 Seminar Teacher Application

4. Availability

Please check **as many dates/times as possible** when you can be available for a group interview (includes dinner):

- | | | |
|-------------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> Sat 3/4 4:30 – 7:00 PM | <input type="checkbox"/> Mon 3/6 5:30 – 8:00 PM | <input type="checkbox"/> Wed 3/8 5:00 – 7:30 PM |
| <input type="checkbox"/> Sun 3/5 4:30 – 7:00 PM | <input type="checkbox"/> Mon 3/6 7:00 – 9:30 PM | <input type="checkbox"/> Thu 3/9 5:00 – 7:30 PM |
| <input type="checkbox"/> Mon 3/6 4:30 – 7:00 PM | <input type="checkbox"/> Tues 3/7 5:00 – 7:30 PM | <input type="checkbox"/> Thu 3/9 7:00 – 9:30 PM |

Will you need a projector to present your teaching sample or activity plan? Yes No

Do you have any dietary restrictions? Vegan Vegetarian Other _____

Please check **as many dates/times as possible** when you can be available for the first seminar teacher group meeting (if hired):

- | | |
|--------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Sun 3/18 6:00 – 8:00 PM | <input type="checkbox"/> Mon 3/19 6:00 – 8:00 PM |
| <input type="checkbox"/> Mon 3/19 7:30 – 9:30 PM | <input type="checkbox"/> Wed 3/20 5:30 – 7:30 PM |

After you apply

The Interview. Seminar teacher applicants are interviewed together in small groups. Depending on how many applications we receive, we may or may not be able to offer interviews to all of the applicants. If you are offered an interview, you can expect:

- *To describe your course proposal (question 2, part D) to the group and teach a 10-minute sample of your course.* For the sample, you can expect to have access to a board and/or projector if needed. The interviewer and your interview-mates will pretend to be your students. You and your interview-mates will then be asked to give constructive feedback on each others' course proposals and sample teaching.
- *To describe your activity proposal (question 3, part B) to the group.* You and your interview-mates will also give constructive feedback on each others' activity proposals.

The interview is informal. While we are serious about professionally running an awesome summer program, we're also a bunch of undergrads. Feel free to show up in jeans and a t-shirt, or whatever you're most comfortable in (if you show up in a Jedi costume or an Oscar Meyer Wiener suit, we might give you a few funny looks... but really, we'll take you just as seriously without the slacks and tie.) The interview will include either lunch or dinner, depending when it is scheduled.

On March 11, you will hear back from us with a decision. You will have a week to decide if you would indeed like to take the job. Extensions may be granted on a case-by-case basis, as needed. Note that if you do accept, you will be making a firm commitment to teach for us this summer and to fulfil all of the job requirements over the spring.

The first meeting of the seminar teacher group will occur on one of the dates mentioned above: 3/18, 3/19 or 3/20, and all hired teachers will be required to attend.