Welcome to the Rutgers Data Science Bootcamp

Orientation Overview

What Will I Learn?

By the end of this session, you will:

Get to know your instructional and support staff members

See how to successfully navigate your bootcamp portal

See how virtual classes work and successfully complete this first session

Configure multiple technologies that will play a vital role in your toolkit of success

Be aware of the career services available to you and how to access them

Understand the minimum requirements in order to successfully graduate from this bootcamp

ELIZABETH WALSH (SHE/HERS/ELLA)

Student Success Manager

Curriculum Design and Instructional Technology, MS
University at Albany, SUNY

English, BA
Education, BA
New Jersey City University

I live in the Hudson Valley in Orange County, NY.

I love half-marathons, mountain biking, and audio books.

You can reach me at ewalsh@bootcampspot.com

Paul Arias
Instructor

About me
- Ph.D. Mech. Engr. - U. Michigan
- B.S. Mech. Engr. - Rutgers
- Rutgers supercomputing (4 years)

Hobbies and interests
- Traveling with family
- Musical Schola
- Photography

James Newman
Teaching Assistant

Graduated from Full Stack Coding Bootcamp in 2018.

Has been a teaching assistant in 8 bootcamps.

Love solving problems and the challenges development always bring me, spending time with my irish doodle puppy, and snowboarding.

Arin Mukherjee
Teaching Assistant

Education
BS in MATHS/ BS in Computer management
Information Systems

Currently an **Enterprise Architect at BCBS NJ**

I enjoy watching StarTrek, playing soccer and
programming with Python

Jim Morris

Associate Vice President, Rutgers University
Rutgers Division of Continuing Studies

Getting to Know Your Classmates

To complete this activity, you need to perform the following steps:

1. Live the golden rule.

2. Turn on your video and unmute your microphone (video is **mandatory**).

3. Break the ice in your breakout room! We're about to embark on a difficult journey together. You have FIVE minutes to share ONE UNIQUE FUN FACT ABOUT YOURSELF.

4. Come back and report to us the MOST INTERESTING FUN FACT YOU HEARD!

Suggested Time: 10 Minutes

Bootcamp Experience

What does "for working professionals" mean?

What it means:

- Only 2 virtual classes per week

- Support from instructional staff on weekends and evenings

- Curriculum built around common real-world scenarios

- 20+ hours of studying, reading, working

What it DOESN'T mean:

- You can commit less time than our in-person offering

- You'll need less discipline to complete the course

- You can restart the course again at a later date

- You won't be challenged!

Life in the Boot Camp

01

Online Lessons

Every week will present new lessons to install and learn new tools, all ==anchored on a real-world project.==

02

Live Support

We'll come together weekly to cement the concepts from your self-paced learning.

Structured classes, office hours, and study halls provide ==additional support== throughout the week.

03

Weekly Challenge

Each week, you'll submit a challenge assignment around the module's technologies.

During the course, you will have 3 ==group projects==, spaced throughout the curriculum, that integrate skills from the previous weeks and provide a valuable work product.

Managing Expectations

Part-Time Online Data Analytics Program

- 24-week online program
- Study part-time while maintaining your existing professional, educational or personal obligations
- Learn through a blend of scheduled instructor-led online classes two days per week and engaging content and projects to work through on your own schedule
- Dedicate 4 hours of scheduled in-class time per week and a minimum of 20+ hours outside of class on self-paced learning and hands-on projects

Ways to Get Help

1. Attending Office Hours as often as possible.
   a. This is your recitation, the place to ask all the questions you need to.
2. Using AskBCS on Slack 24/7.
3. Re-watch recordings.
4. Tutoring
   a. Central Tutoring is now 7 days behind assigning students to a tutor.
   b. Please do not hesitate to e-mail me if your request has gone unanswered.
5. Ask for an extension in case of emergency only.
   a. E-mail me at ewalsh@bootcampspot.com. Tell me the full name of your cohort and the reason you need an extension and documentation. Let's work together to figure out the time needed for the assignment.
6. Give weekly feedback.
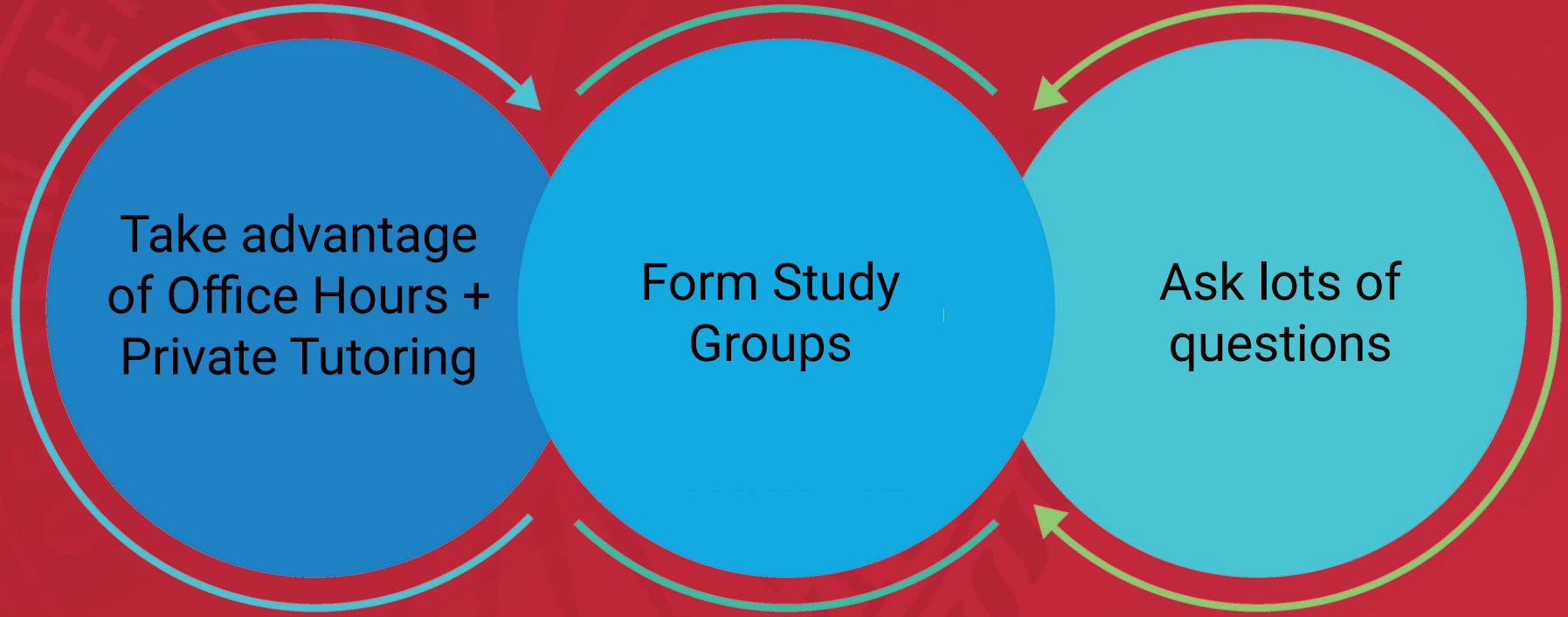   a. Your feedback is why I'm here today.
7. Anything else happening?

We will teach you how to fish, but we won't *give* you the fish.
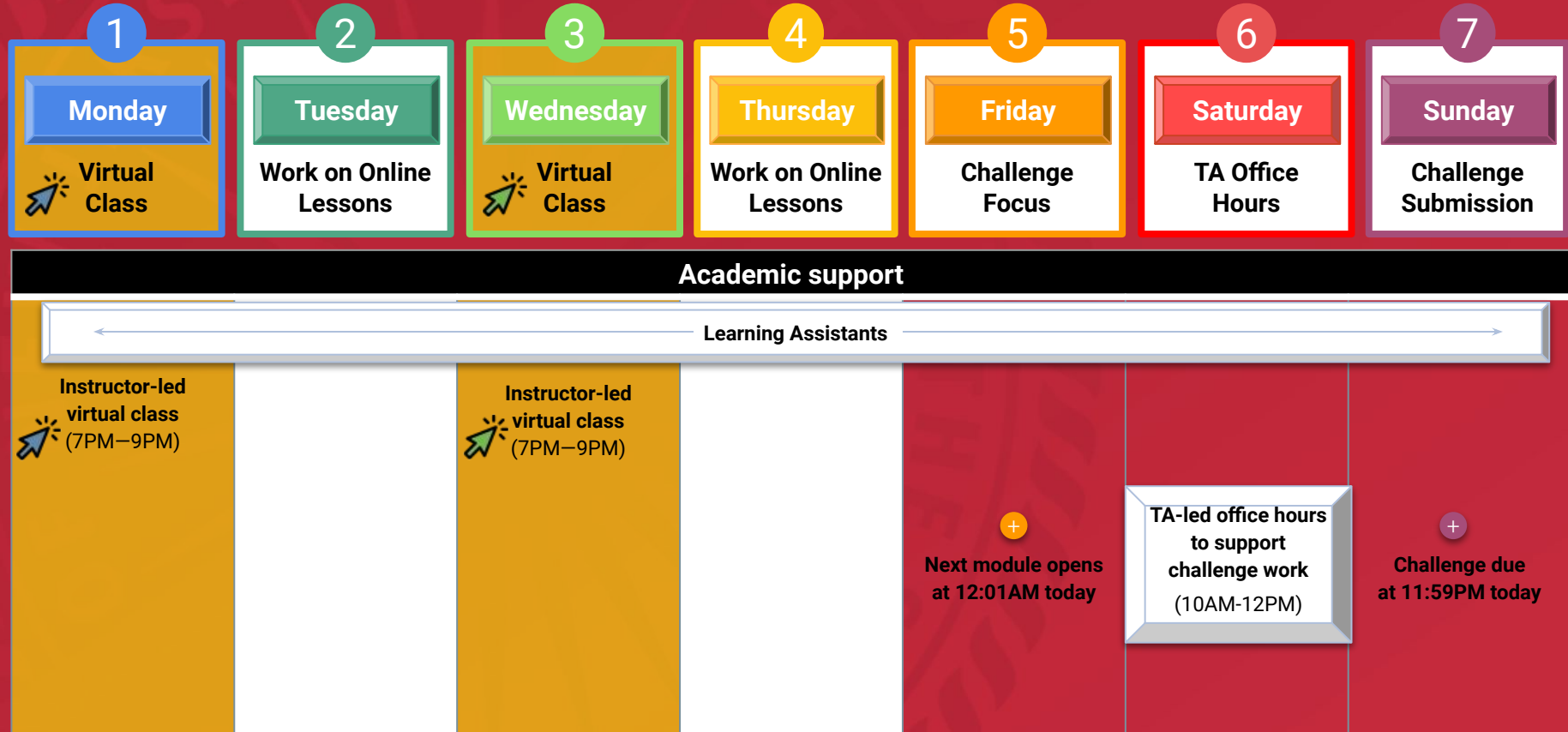
Tips for Success [KEEP FOR MW]

Use a calendar (digital or physical) to plan out your weeks

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
7:00 AM	Commute to office						
7:30 AM							
8:00 AM	Workday (8 hours)						
8:30 AM						Homework (4 hours)	
9:00 AM							Homework (2 hours)
9:30 AM							
10:00 AM							
10:30 AM							
11:00 AM							
11:30 AM							
Noon							
12:30 PM							
1:00 PM							
1:30 PM							Homework (2 hours)
2:00 PM							
2:30 PM							
3:00 PM							
3:30 PM						Homework (2 hours)	
4:00 PM							
4:30 PM							
5:00 PM	Commute to office						
5:30 PM							Homework (2 hours)
6:00 PM	Dinner Break						
6:30 PM	Office Hours		Office Hours	Homework (3 hours)	Homework (2 hours)		
7:00 PM	Instructor-led virtual class	Homework (2 hours)	Instructor-led virtual class			Homework (2 hours)	
7:30 PM							
8:00 PM							
8:30 PM							
9:00 PM							
9:30 PM							

Tips for Success

Take advantage of Office Hours + Private Tutoring

Form Study Groups

Ask lots of questions

Weekly Calendar

1	2	3	4	5	6	7
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**	**Sunday**
Virtual Class	Work on Online Lessons	Virtual Class	Work on Online Lessons	Challenge Focus	TA Office Hours	Challenge Submission

Academic support

Learning Assistants

Instructor-led virtual class (7PM–9PM)

Instructor-led virtual class (7PM–9PM)

Next module opens at 12:01AM today

TA-led office hours to support challenge work (10AM-12PM)

Challenge due at 11:59PM today

Minimum Graduation Requirements

These are the <u>minimum</u> graduation requirements.

Miss no more than 8 Virtual Classes

Have no more than 2 incomplete Challenge assignments

Participate in all class projects

Tuition Paid in Full

Bootcamp Spot

What will I use Bootcampspot (Canvas) for?

Here's what you'll do in Bootcamp Spot:

View course content and lecture videos

Submit Challenge assignments as files, text or links to GitHub

Take quizzes and assessments

Connect and participate in your Virtual Classes with Zoom

View your grades and module progress

Find information on and connect with Career Services

Collaboration in Slack

Slack is the shared virtual workspace where your class will interact during and outside of class hours:

- This class requires a lot of collaboration, so being able to share messages and files quickly is crucial for our success!

- After creating an account, be sure to bookmark the URL in your browser for easy access.
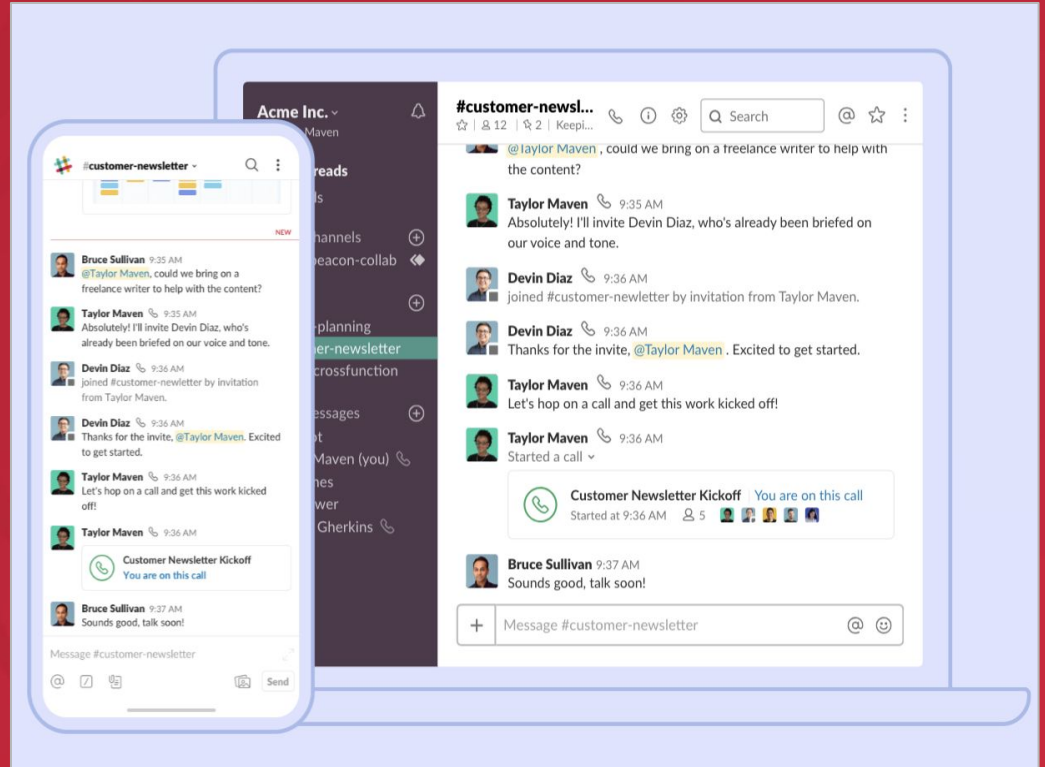
AskBCS Learning Assistant

Within the Slack workspace, you should see an App called AskBCS Learning Assistant

Our team of LAs work during the daytime to help you get unstuck with your self-paced lessons.

They're available:

24/7!

TA Office Hours

Our TAs will hold Office Hours to provide support outside of normal class times.

We will hold these sessions weekly, as per the availability of each TA.

These sessions will be targeted toward the most challenging topics, so we will regularly poll you as a class to ensure you are getting the most out of them possible!

Monday and Wednesday: 6:30 PM - 7:00 PM

Saturdays: 10:00 AM - 12:00 PM

Install Weekend

For our first set of Office Hours, we will be reviewing the downloads and installs from the prework to make sure you're ready for class! The first sessions can be seen below:

Install Weekend Schedule

Saturday, January 22, 2022

Check Slack!

Career Services
Becoming Employer-Competitive

Milestones to Career Success

All Career Milestones

Home
Navigator
Modules
Syllabus
Grades
Zoom
Billing
Career Services
Career Events
Student Support

Intro to Career Services: Employer-Ready vs Employer-Competitive

This brief overview provides an introduction to Career Services and how we support you in becoming Employer-Competitive.

Assignment Details ›

Milestone: Pave Your Pathway

For this submission, you will learn how to research target roles based on your background, interests, and skills, and you'll develop a professional brand statement that you can use for a variety of purposes (e.g. your resume, LinkedIn and other online profiles). Once you've developed your statement, you'll submit it to a Career Material Advisor for feedback.

Assignment Details ›

Milestone: Develop Your Resume

For this submission, you will develop a competitive resume, and submit it to a Career Material Advisor for feedback.

Assignment Details ›

Milestone: Polish Your Online Presence

For this submission, you will update your GitHub and LinkedIn profiles to meet employer-competitive standards, and submit links to your Career Material Advisor for feedback.

Assignment Details ›

My Final Tips

1. You have chosen the right learning opportunity.

2. Prioritize your learning.

3. Don't let the big picture overwhelm you.

4. Believe in yourself.

5. Focus on long-term benefits, not short-term obstacles.

6. Don't let technology let you down.

7. Know how you learn best.

8. Don't be afraid to ask questions.

9. Revisit what you've learned and apply it.

10. Lifelong learning is worth it.
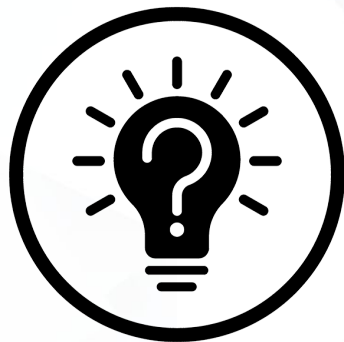
Questions

Drop Date
February 2, 2022
2-2-22

End Date
7/6/2022

Have questions after this session?

Email: ewalsh@bootcampspot.com