

REACTION TIME

ONLINE COURSE

The **Introduction to BioGraph Infiniti: Reaction Time Online Course** is the essential guide to professionals learning how to use their Infiniti system for continuous performance testing (CPT) and sport-related reaction time training. Whether you are a beginner just getting started, or an advanced user looking for a refresher, this course is appropriate for the training needs of clinicians, researchers or general health practitioners looking for expert guidance on the functionality, power and versatility of the Infiniti platform.

Using the Reaction Time Suite as a reference point, users learn how to successfully set up and record reaction time data up to an accuracy of less than a millisecond. Within the context of the three continuous performance testing protocols (single, variable, choice), all four sections of the software solution will be examined:

- Basic reaction time
- Reaction time with physiology
- Reaction time with EEG
- Reaction time with Sports

To better facilitate comprehension of the hardware and software features, this course encourages participants through guided “hands-on” data collection. This course is accredited by BCIA to fulfill the continuing education requirements for recertification.

ONLINE COURSE BENEFITS

- No travel expense: learn from the comfort of your own home or office.
- All courses are private to ensure both individual attention and scheduling that suits your needs.
- The course has a total of 4-hours of online instruction. The 4 hours are divided into two 2-hour lessons.
- While following course objectives, instructors are able to modify goals to best suit your interests.

OBJECTIVES AND OUTCOMES

At the end of this course, participants:

- Will have acquired a strong understanding of their reaction time equipment and how the timing measurements are collected.
- Will know how to record a reaction time assessment, review reaction time and psychophysiological response data, as well as run a reaction time training session.
- Will be able to explain the unique differences between the three different CPT protocols: single, variable and choice.
- Will be able to alter reaction time stimuli and timing to suit the needs of different potential clients.
- Can generate a report for statistical analysis, within and between sessions.

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Orientation to Reaction Time, the Hardware, the Sensors, and the Software

Learn how to connect the hardware together and how it generates the timing measurements. For getting started with the software, the AV-Sync test will be the first aspect examined, followed by an overview of the continuous performance testing protocols (single, variable choice). The initial focus will be using the basic reaction time aspect of the software suite. Modifying the presented stimuli and timing will also be covered.

Adding Physiology, EEG and Sports, Review Data, and Generating a Report

Branching off from the basic reaction time components, this lesson moves to measuring reaction time and physiology/EEG measurements. Data review and report generation will take place, in order to better understand the analysis of psychophysiological data within the paradigm of reaction timing. Finally, the course will finish with recording sport-specific reaction time scenarios and showing how the user can add unique stimuli rendering the protocols rewarding for their specific client base.





To Register

Purchase the selected online course directly from the Thought Technology website or by contacting Thought Technology's Workshop Coordinator:

Directly from the Website:

Go to "<http://thoughttechnology.com/index.php/online-overview>" and purchase the desired course either separately or included with a complete system. You will then be contact by the Workshop Coordinator to schedule the course.

By contacting the Workshop Coordinator:

Tel: 1-800-361-3651 ext. 135
Tel: (514) 489-8251 ext. 135; Fax: (514) 489-8255
E-mail: workshops@thoughttechnology.com

Cancellation Policy

Cancellations must be received in writing if requested prior to 1 week before the course commencement date. You will receive credit towards a future course minus an administration fee of US\$ 50. Cancellations after this date forfeit registration fee. Thought Technology Ltd. reserves the right to cancel the course with full refund.

Please be advised ALL online training courses have a 1 YEAR EXPIRATION Date of Use from date of purchase. After which, all paid online training course fees will be NONREFUNDABLE.