

COURSE SCHEDULE

Basic syngo Course (part № CT8CUSYNCT)

The **Basic syngo CT Course** is designed for the CT Technologist who has limited or no experience on the Siemens CT user interface. Lectures and hands-on sessions will introduce the technologist to the basic software operation as implemented on Siemens' multi-slice CT systems, including patient database management, viewing (2D evaluation), filming and 3D post-processing (MPR, MIP and SSD.) The relationship between the various possible selections of available scanning parameters and their effect on image quality will be discussed. Through the use of scanning simulation software (**not an actual CT system**), an overview of the basic principles of scanning including scan protocol creation and customization on the *syngo* platform will be included.

The classroom setting provides an optimal environment for learning without distractions and many opportunities for questions and answers.

It is recommended that this course be attended before on-site applications training for a new system. It may be attended afterwards, if necessary.

No CT experience required

Day 1:

- **Introductory comments and information**
- **Lectures of User Interface and Demonstration:**
 - **Turning System on/off**
 - **Mouse and Keyboard**
 - **Patient Browser**
- **Database Management**
- **Patient Registration**
- **2D Image Review and Evaluation (Viewing Task Card)**
- **Filming Images (Filming Task Card)**

Day 2:

- **Review of Day One**
- **Lecture on 3D Post Processing Programs (MPR, MIP, SSD) and Demonstration of 3D Task Card**

Day 3:

- **3D Post-Processing Quiz**
- **Lecture on System Hard Ware**
- **Lecture on Image Quality**
- **Lecture on Multi Slice Spiral**
- **Lecture and Demonstration of Examination Task Card**

Day 4 (half day):

- **Demonstration of CT Scanners**