

# Digital ENGINEERING



## Ansys SPEOS Basic Training

- ▶ Customizable modules
- ▶ Flexible schedule
- ▶ HRD Corp Accredited Trainers
- ▶ Location of your choice  
(CYBERNET MALAYSIA training room or on-site training at your company)



### Program Overview

In this course, participants will learn how to use Ansys SPEOS for optical simulation. No prior experience is assumed although ray optics knowledge is a plus. You will learn how the model, configure the sensor, and source. This course is mainly designed for absolute beginners but it also serves as a refreshing course for those who are familiar with the software.

The training contents overleaf can be customized according to your needs.



#### Inquiries:

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<http://www.cybernet.asia/> | [information@cybernet.asia](mailto:information@cybernet.asia)

# Training Schedule

## Day 1

|               |   |
|---------------|---|
| 09:00 – 12:00 | <b>Module 1: Introduction</b><br>Key Topics: <ul style="list-style-type: none"> <li>• Introduction to SPEOS</li> <li>• GUI brief introduction</li> <li>• Preference Settings</li> <li>• SpaceClaim modules</li> <li>• Optical Simulation modules</li> </ul>             |
| 12:00 – 13:00 | Lunch   |
| 13:00 – 16:00 | <b>Module 2: Geometry Modelling</b><br>Key Topics: <ul style="list-style-type: none"> <li>• Files &amp; Project Directory</li> <li>• Import &amp; export others format</li> <li>• Sketch Module – Basic Operation</li> <li>• Design Module – Basic Operation</li> </ul> |

## Day 2

|               |   |
|---------------|---|
| 09:00 – 12:00 | <b>Module 3: Optical Simulation</b><br>Key Topics: <ul style="list-style-type: none"> <li>• Materials Configuration</li> <li>• Source Configuration</li> <li>• Sensor Configuration</li> <li>• Simulation Configuration</li> <li>• Result Analysis</li> </ul> |
| 12:00 – 13:00 | Lunch   |
| 13:00 – 16:00 | <b>Module 4: Miscellaneous</b><br>Key Topics: <ul style="list-style-type: none"> <li>• Viewer Module</li> <li>• Editor Module</li> <li>• Geometry Properties Module</li> </ul>  |

# Trainer Profile



## Loh Kah How

Application Engineer (HRD Corp Accredited Trainer)  
CYBERNET SYSTEMS MALAYSIA SDN.BHD.

Loh has a Bachelor's degree in Electronic Engineering (Telecommunication) from the Department of Electronic Engineering at University Teknikal Melaka Malaysia. He works at CYBERNET MALAYSIA since 2022 as an Optics & Photonics Application Engineer and provides pre-sales and post-sales support for Ansys Zemax, Lumerical and Speos. Loh has industry experience in designing horticulture illumination using Zemax and power supply & power distribution in solar systems, indoor & outdoor illumination product design, development, prototyping and product failure analysis.

### Why learn with CYBERNET?



A leading CAE company headquartered in Tokyo Japan. Providing CAE solutions and services to their customers in Japan and overseas since 1985.



CYBERNET MALAYSIA is a Channel Partner of Ansys in the ASEAN region.



In-house application engineers with multi-industry experience.

## Registration Form

|              |                            |
|--------------|----------------------------|
| Course title | Ansys SPEOS Basic Training |
| Date(s)      |                            |
| Time         |                            |
| Venue        |                            |
| Course fee   |                            |
| Closing date |                            |

|                |  |
|----------------|--|
| Organization   |  |
| Address        |  |
| Contact person |  |
| Designation    |  |
| Mobile         |  |
| Work telephone |  |
| Email          |  |

|                |  |
|----------------|--|
| Participant(s) |  |
| Name           |  |
| Designation    |  |
| Email          |  |
| Course title   |  |

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| Participant(s) |  |
| Name           |  |
| Designation    |  |
| Email          |  |
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|----------------|--|
| Participant(s) |  |
| Name           |  |
| Designation    |  |
| Email          |  |
| Course title   |  |

## Payment Method

Please remit payments to

|                |  |
|----------------|--|
| Bank           | Mizuho Bank (Malaysia) Berhad  |
| Bank address   | Level 27, Menara Maxis, Kuala Lumpur City Centre, 50088 Kuala Lumpur, Malaysia |
| Beneficiary    | CYBERNET SYSTEMS MALAYSIA SDN. BHD.  |
| Account Number | 888 0055 764 (Currency: MYR)   |

### Terms & Conditions:

- 1) This workshop is HRD Corp claimable.
- 2) Please contact us 1 week prior to the course date, in the event there is an increase in the number of participants.
- 3) Additional participants will be charged accordingly.
- 4) Cancellation within less than 7 business days prior to the course date, is subject to a service charge equals to 50% of the course fee.
- 5) There is no change in the course fee if the number of participants are less than 2 persons.

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