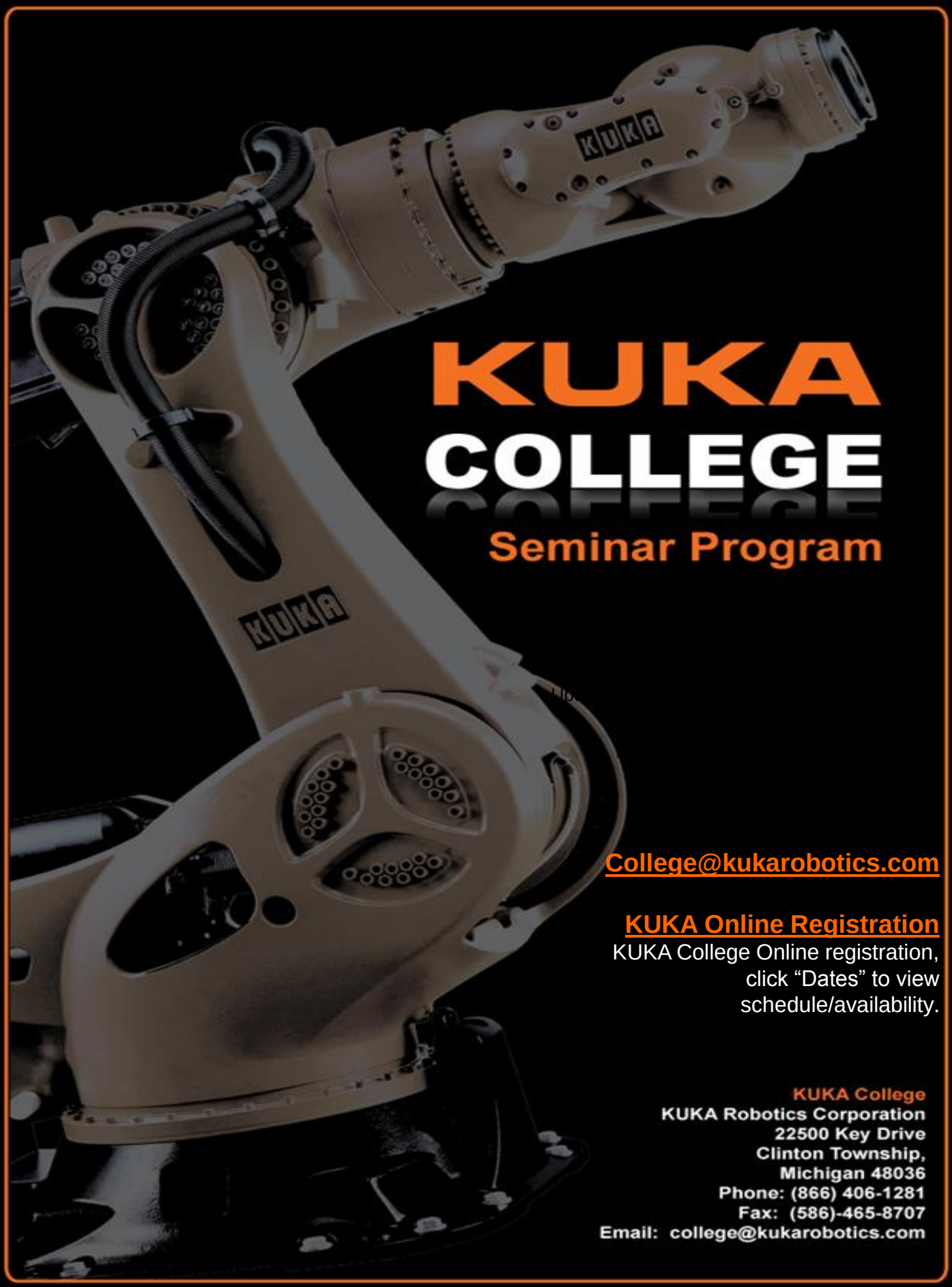
KUKA
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COLLEGE
Seminar Program
College@kukarobotics.com
KUKA Online Registration
KUKA College Online registration, click “Dates” to view schedule/availability.
KUKA College
KUKA Robotics Corporation
22500 Key Drive
Clinton Township,
Michigan 48036
Phone: (866) 406-1281
Fax: (586)-465-8707
Email: college@kukarobotics.com

KUKA

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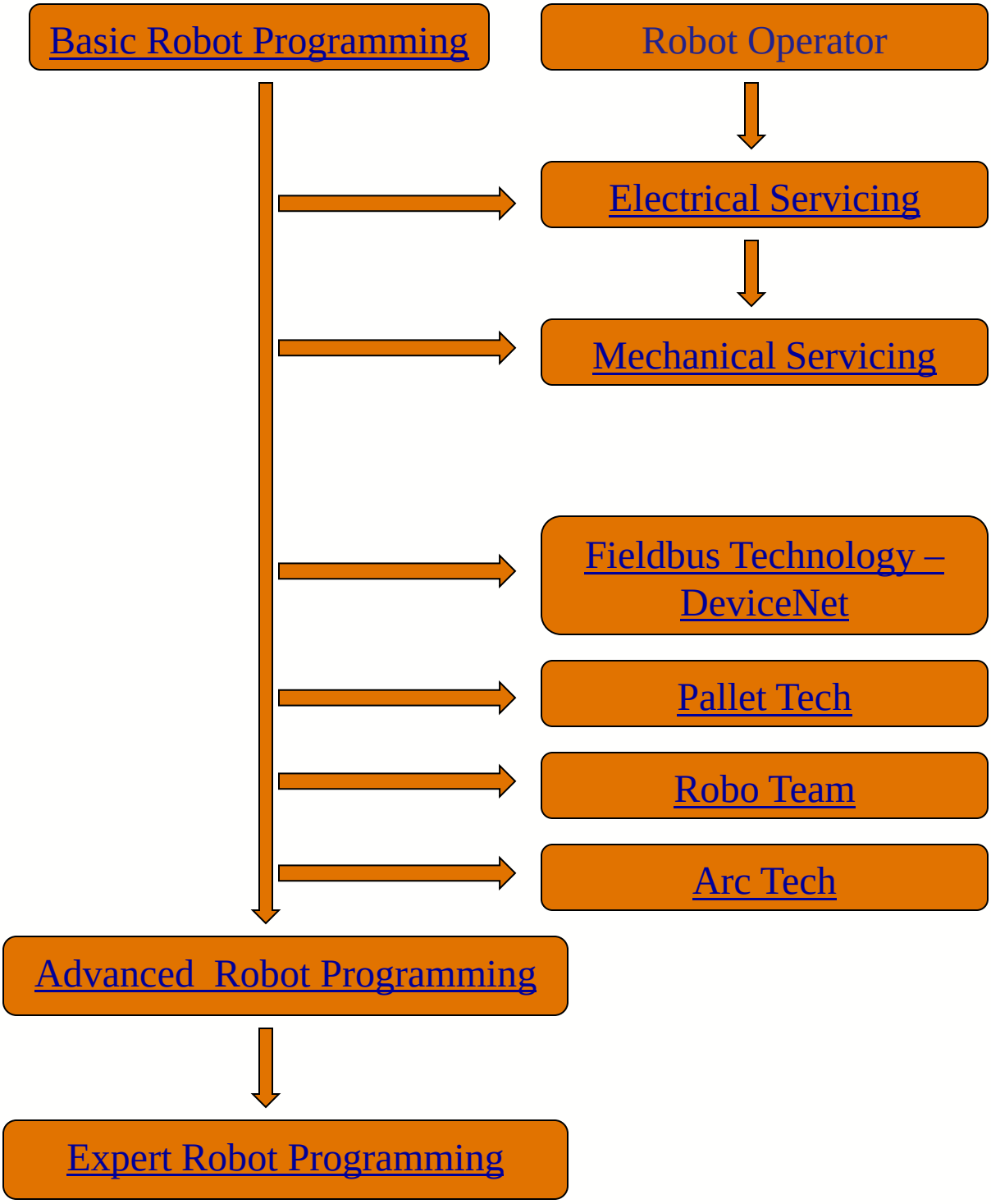
Basic Robot Programming
Robot Operator
Electrical Servicing
Mechanical Servicing
Fieldbus Technology – DeviceNet
Pallet Tech
Robo Team
Arc Tech
Advanced Robot Programming
Expert Robot Programming

# Robotic System Operator

**Seminar goal:**

This seminar is designed for production personnel who work with finished programs. The Robotic System Operator Seminar teaches the knowledge and skills required to keep production running smoothly in a robotic cell.

- how to operate a robot correctly and safely
- the modification and maintenance of robot application programs,
- and how to deal with simple faults.

**Topics covered:**

- Safety instructions
- Operating of the robot system
- Knowledge of the coordinate systems
- Selection and jogging with a suitable coordinate system
- Overview setup (mastering, tools & work pieces)
- Understanding the mastering procedure
- Basics of calibrating a work piece
- Usage of the navigator & archiving of programs
- Basics of motion programming
- Insert, delete and manipulate points
- Overview of simple logic programming
- Work with automatic mode

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Prerequisites:**

This seminar requires no special knowledge and is also suitable for complete beginners.

**Length of seminar:**
2 days – 8 hours

**Tuition fees:**
USD $ 1,400 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

**Contact:**
Training Coordinator
Tel: 586-465-8826
Fax: (586) 465- 8707
Toll Free: (800) 459-6691
college@kukarobotics.com

**Website:**
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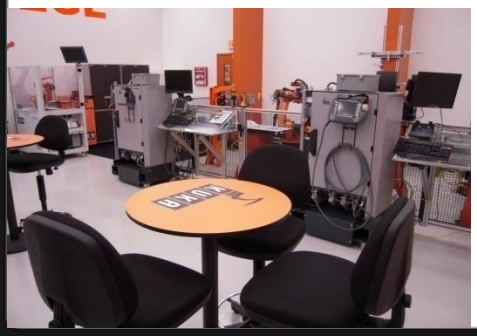

# Basic Robot Programming

**Seminar goal:**

This seminar provides training in the proper and safety-conscious operation an basic programming of a KUKA Industrial Robot and is recommend for any personal involved in programming, installing and servicing the system.

**Topics covered:**

- Proper use of the safety facilities for KUKA industrial robots
- Modification and maintenance of robot application programs and the
- Safety requirements for programmers
- Components of the robot system
- Operating the robot system
- (start-up, shut-down, manual traversing, program selection, automatic program execution)
- Commissioning the robot system (installation, connection, mastering, tool calibration)
- Creating simple application programs (programming of motion instructions and predefined application technology instructions)
- Integrating application programs into the main production program
- Archiving and maintenance of production programs
- Dealing with faults

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Specialized lunch menu request


**Prerequisites:**

- Familiarity with PCs and Windows is helpful
- Technical training (electrotechnical or mechanical)

**Length of seminar:**
4 days/34 hours

**Tuition fees:**
USD $ 1,700 per participant,

**Course dates:**
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# Advanced Robot Programming

**Seminar goal:**

The Advanced Robot Programming seminar is designed for programming personnel of KUKA industrial robots. Building on the Basic Robot Programming Seminar, programming knowledge and capabilities are extended and deepened in this seminar. The main emphasis of the seminar is the high-level programming language KRL.

**Topics covered:**

- Language elements of the KRL programming language
- Usage of the navigator at the expert level
- Programming subprograms and functions
- Usage of variables & declarations
- Programming of subprograms and functions
- Usage of data lists
- Knowledge of data manipulation
- Programming of motions in KRL
- Usage of system variables
- Signal exchange with a higher-level PLC

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Specialized lunch menu request

**Prerequisites:**

- **Basic Robot Programming seminar**
- Basic knowledge of a high-level programming language (e.g. Turbo Pascal)
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
4 days/34 hours

**Tuition fees:**
USD $ 1,700 per participant

**Course dates:**
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# Expert Robot Programming

**Seminar goal:**

The Expert Robot Programming seminar is designed for the advanced programming personnel for KUKA industrial robots. Building on the Advanced Robot Programming Seminar, programming knowledge and capabilities are extended and deepened in this seminar. The main emphasis of the seminar is application level programming in the KRL Robot Programming Language.

**Topics covered:**

- Robot programming as project work
- Robot anti-collision (programming of interlocks with robots)
- Programming of messages
- Programming of interrupts
- Programming of path related switches (trigger)
- Function of automatic fault handling
- Programming of a automatic return motion strategy
- Working with inputs & outputs (digital, analog)

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Specialized lunch menu request

**Prerequisites:**

- **Basic Robot Programming seminar**
- **Advanced Robot Programming seminar**

- Basic knowledge of a high-level programming language (e.g. Turbo Pascal)
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
4 days/34 hours

**Tuition fees:**
USD $ 1,700 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

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# Electrical Servicing KRC2

**Seminar goals:**

The Electrical Servicing KR C2 is designed for the personnel responsible for the electrical maintenance of robots with the KUKA robot controller KR C2. This seminar is also recommended for personnel involved in commissioning robot systems. The participants in this seminar are trained in the fundamentals of proper commissioning, fault diagnosis and troubleshooting for the electrical equipment of the robot system KR C2.

**Topics covered:**

- Proper use of the safety facilities for KUKA industrial robots
- Mode of operation of the individual components of the computer hardware and the drive system
- Removing and installing of controller components according to ESD regulations
- Block diagrams, wiring diagrams and circuit diagrams
- Commissioning a new robot system (installation, connection, start-up, mastering)
- Software installation work (WIN95 installation, KR C2 setup)
- Locating the cause of malfunctions (by interpreting indications and error messages, tracing signals on the basis of circuit diagrams)
- Correcting faults
- Removing and installing computer components in compliance with ESD regulations.

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Long sleeve shirt
- Safety shoes (steel toes)
- Specialized lunch menu request

**Prerequisites:**

- Electrical background
- Basic Robot Programming seminar or Robot Operation

**Length of seminar:**
4 days/34 hours

**Tuition fees:**
USD $ 1,700 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

**Contact:**
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Tel: 586-465-8826
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**Website:**
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# Maintenance for Small Robots – Controller type KRC2 sr

KUKA

**Seminar goals:**

The participants in this seminar are trained in the fundamentals of proper commissioning, maintenance and troubleshooting for the electrical and mechanical components of the small robot series (KR 5 sixx, KR 5 scara, KR 10 scara).

**Topics covered:**

- Use of the safety facilities for KUKA industrial robots
- Overview and function of the mechanical components
- Overview and function of the electrical components (controller PC, power unit, interfaces)
- Start-up of the robot system (installation, connecting cables, system adjustments, mastering)
- Mechanical and electrical maintenance (maintenance tables, cleaning, toothed belts adjustments, backup batteries, controller PC batteries and filter mat exchange)
- Repair (controller PC, fans, riser cage, hard drive, memory modules, PC cards and ESC-board exchange)
- Fault diagnosis and treatment

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Safety shoes (steel toes)
- Specialized lunch menu request

**Prerequisites:**

- Electrical background
- Basic Robot Programming seminar
- Familiarity with PCs and Windows is helpful

**Length of seminar:**
4 days/34 hours

**Tuition fees:**
USD $ 1,700 per participant

**Course dates:**
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# Mechanical Servicing KR Series

**Seminar goal:**

The Mechanical Servicing Seminar is designed for personnel responsible for the maintenance and repair of KUKA robot arms. The participants in this seminar are trained in the fundamentals of proper maintenance and mechanical repair work for robot arms in one of the robot categories of the KR series.

Robot categories:

- KR 6, KR 15
- KR 30, KR 45, KR 125, KR 150, KR 200, KR350
- KR 100 PA, KR 180PA, KR 60 P, KR 100P

**Topics covered:**

- Proper use of the safety facilities for KUKA industrial robots
- Mode of operation of the individual components of the robot arm
- Repair instructions and spare parts catalog
- Locating the cause of mechanical faults
- Correcting mechanical faults by replacing components
- Replacing components using the proper dismantling and assembly procedures
- Operating the robot controller to the extent necessary for putting the robot back into service (manual traversing, robot mastering)
- Creating test programs (test programs for individual axes)
- Preventive maintenance and servicing work
- Commissioning a new robot system (installation, connection, start-up, mastering)

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Safety shoes (steel toes)
- Specialized lunch menu request

**Prerequisites:**

- Mechanical training
- Basic Robot Programming seminar
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
3 Days

**Tuition fees:**
USD $ 1400 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

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**Website:**
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# Fieldbus DeviceNet KRC

**Seminar goal:**

The seminar is designed for the programming, maintenance, commissioning and design personnel who are involved in implementing the DeviceNet field bus system. This seminar provides training in, DeviceNet fundamentals, configuration and troubleshooting.

**Topics covered:**

- Mode of operation of DeviceNet
- Transmission protocol
- CANBUS DeviceNet topology
- Overview of the hardware and product range of the manufacturers Lütze, Beckhoff and Allen Bradley
- Setting up and commissioning DeviceNet
- Configuring DeviceNet in the KRC1 or KRC2 Controller

**Final assessment:**

- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Specialized lunch menu request

**Prerequisites:**

- Advanced Robot Programming seminar
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
2 days

**Tuition fees:**
USD $ 1000 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

**Contact:**
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**Website:**
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# Fieldbus Profibus KRC

**Seminar goal:**

The Profibus Field Bus Technology seminar is designed for the programming, maintenance, commissioning and design personnel who are involved in implementing Profibus field bus system in conjunction with the KRC robot controller. This seminar provides training in Profibus fundamentals, configuration and troubleshooting.

**Topics covered:**

- how Profibus works with KRC
- structure of a Profibus system
- Profibus and the KRC robot system
- generate a Profibus database
- KRC Profibus configuration
- coupling of Profibus modules
- diagnosis and error tracking

**Final assessment:**

- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Specialized lunch menu request

**Prerequisites:**

- Advanced Robot Programming seminar
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
1 day

**Tuition fees:**
USD $ 1000 per participant

**Course dates:**
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# Implementation of Handling/Palletizing Application

KUKA

**Seminar goal:**

The Implementation of a Handling/Palletizing Application Seminar is designed for programming and service personnel. In this seminar, the participants configure, set up and program a complete manufacturing cell for handling and palletizing, consisting of robot system, field bus system and application-specific equipment. In addition, participants carry out troubleshooting exercises for this application and acquire a thorough working knowledge of palletizing technology.

**Topics covered:**

- Safety facilities for robot grippers with special reference to handling systems and loading areas
- Configuring the electropneumatic components
- Proper calibration of the different gripper systems
- Configuring a robotic cell with a gripper system
- Creating different application programs for handling and palletizing tasks (stacking programs and search functions)
- Fault diagnosis and cycle time determination
- Stacking diverse components in any stacking pattern

**Final assessment:**

- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Specialized lunch menu request

**Prerequisites:**

- Advanced Robot Programming seminar
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
4 days

**Tuition fees:**
USD $ 2,000 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

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Tel: 586-465-8826
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college@kukarobotics.com

**Website:**
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KUKA Online Registration

# Robot Selection and Integration

**Seminar goal:**

The participants in this seminar are trained in the fundamentals of robot selection, mechanical integration, electrical integration and software integration. .

**Topics covered:**

- Safety facilities for KUKA industrial robots
- The KUKA robot range and its spectrum of applications
- Robot selection with regard to work envelope and load considerations
- Mode of operation of the individual components of the computer hardware and the drive system
- Overview of the electrical interfaces of the robot system for the integration of the periphery (I/O system, field buses)
- Mode of operation of the software components

**Final assessment:**

- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Safety shoes (steel toe)
- Specialized lunch menu request

**Prerequisites:**

- Technical training required

**Length of seminar:**
4 days

**Tuition fees:**
USD $ 1,700 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

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**Website:**
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KUKA Online Registration

# Operations RoboTeam

**Seminar goal:**

This seminar is designed for the operating personnel maintaining the RoboTeam systems or working with them on a routine basis. This seminar provides training in the proper and safety-conscious handling of a KUKA RoboTeam system and associated technology .

**Topics covered:**

- Overview of RoboTeam hard- and software components
- Operation of a operating system
- Daily startup and shut down
- Simulation of common faults and recovery
- Locating the cause of malfunctions

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Safety shoes (steel toes)
- Specialized lunch menu request

**Prerequisites:**

- Advanced Robot Programming seminar
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
4 days

**Tuition fees:**
USD $ 2,000 per participant

**Course dates:**
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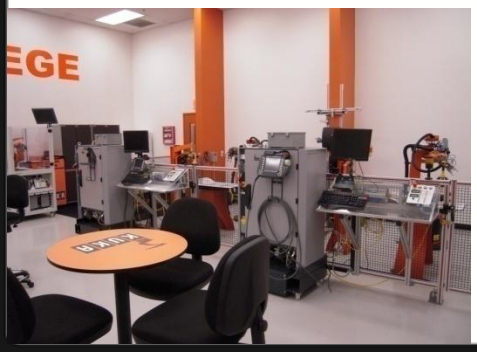

# Start-up & Configuration RoboTeam

**Seminar goal:**

The participants in this seminar are trained in the start-up of a RoboTeam applications. The students are trained to load software, wire, configure and calibrate a RoboTeam system.

**Topics covered:**

- Overview of RoboTeam hard- and software components
- Software installation work
- RoboTeam wiring
- RoboTeam specific network connections
- CellMap configuration
- Work Cell Diagram configuration
- Tool- and Base calibrating
- Robot root point calibrating
- Locating the cause of malfunctions

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Safety shoes (steel toes)
- Specialized lunch menu request

**Prerequisites:**

- Advanced Robot Programming seminar
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
2 days

**Tuition fees:**
USD $ 1,200 per participant

**Course dates:**
For current course dates, please view the KUKA College online class schedule and availability at KUKA Online Registration by clicking the “Dates” link or by contacting KUKA College directly.

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KUKA Online Registration

# Robot Programming RoboTeam

**Seminar goal:**

This seminar provides training in the proper and safety conscious handling of a KUKA RoboTeam system and associated technology. The target group :are robot programmers who work with KRL or predefined Inline-commands concerning RoboTeam functions

**Topics covered:**

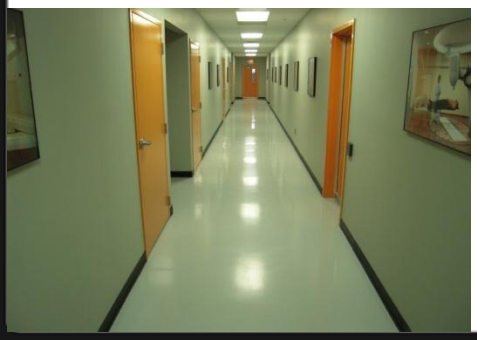
- Safety instructions for KUKA robots
- Overview of hard- and software for RoboTeam
- Introduction to Work Cell Diagram
- CellMap Simulation
- Operating and jogging a RoboTeam group
- Program synchronization
- Work space programming
- RoboTeam remote commands (option)
- Motion synchronization
- Load Sharing
- Process-dependent procedure
- Extended Master-Slave principle
- General conduct in specific operating situations

**Final assessment:**

- The course ends with an achievement test.
- A certificate is issued on successful completion of the course.

**Student requirements:**

- Long pants
- Specialized lunch menu request



**Prerequisites:**

- Advanced Robot Programming seminar
- Familiarity with PCs and Windows is helpful.

**Length of seminar:**
4 days

**Tuition fees:**
USD $ 2,000 per participant

**Course dates:**
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# Training at the customer's plant

KUKA

**Purpose:**

Training at the customer's plant represents a supplement to the courses offered in-house at KUKA Robotics USA.

In the event that no robots equipped for training purposes are available at the customer's plant, robots can be rented.

**Package prices for a one-week course*
(up to 6 participants):**

- USD $ 8,000 (plus instructor travel time and expenses)
- Price for each additional participant in connection with a package course
  USD $ 800 per participant per week

**Rental prices for the mobile college cell:**

- Mobile college cell
  USD $ 1,500 per week

- Installation and start-up
  USD $ 1,000

- Equipment transportation costs
  * The length of the training week and the daily hours of training are defined in the conditions of participation.

**General prerequisites for courses at the customer's plant:**

- 2 participants per robot
- Training room with whiteboard and overhead projector
- Robots must have been set up and put into operation
- EMT (electronic measuring tool)
- The following equipment is required for each robot:
  - 1 US keyboard (QWERTY)
  - 1 mouse with mouse pad
  - 1 VGA monitor
  - 1 input/output box (bus module)
- Multiple-socket outlets for monitor and printer

**Additional prerequisites for courses on operating and programming:**

- Each robot must be equipped with a writing pen
- Table in front of every training robot
- Flip-chart paper and adhesive tape

**Prerequisites for setting up the mobile college cell:**

- The supply connections listed beneath the illustration of the cell must be available at the installation location.
- A forklift which can lift the individual components of the cell (approx. 2.2 tons per piece) must be available at the installation location.
  Dates: by agreement
  See Terms And Conditions

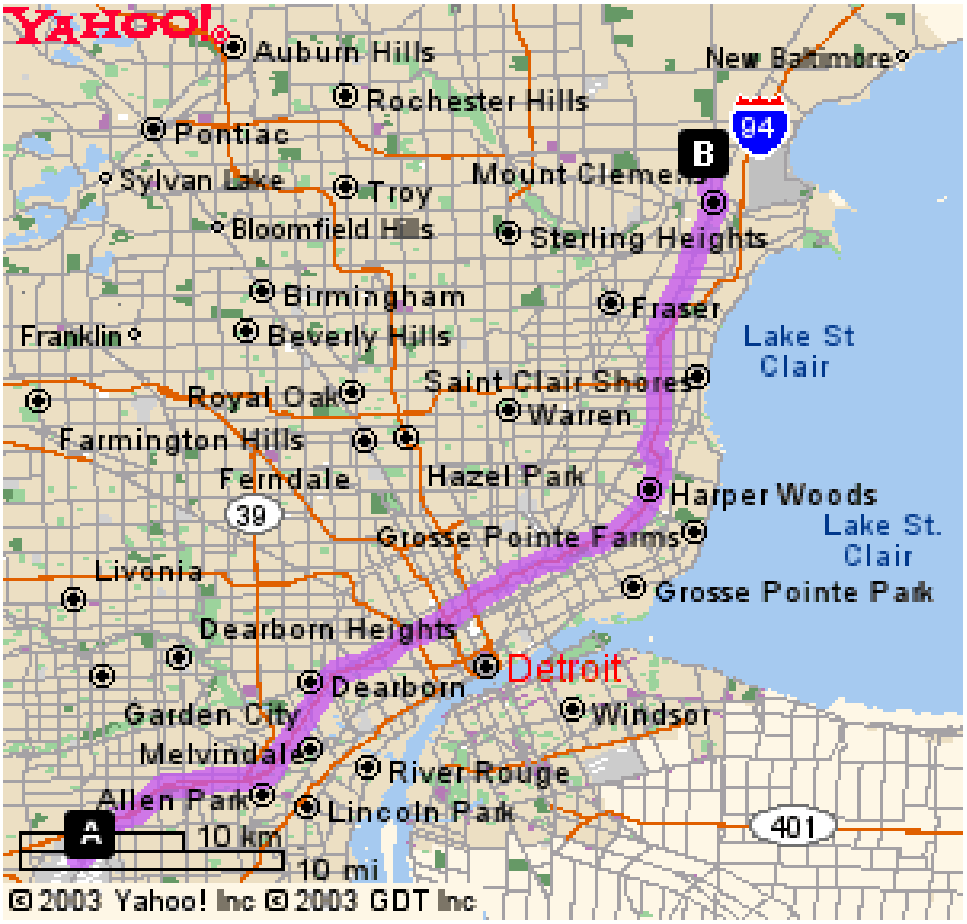
**Contact:**

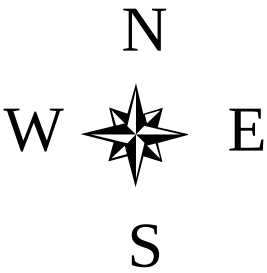
Training Coordinator
Tel: 586-465-8826
Fax: (586) 465- 8707
Toll Free: (800) 459-6691

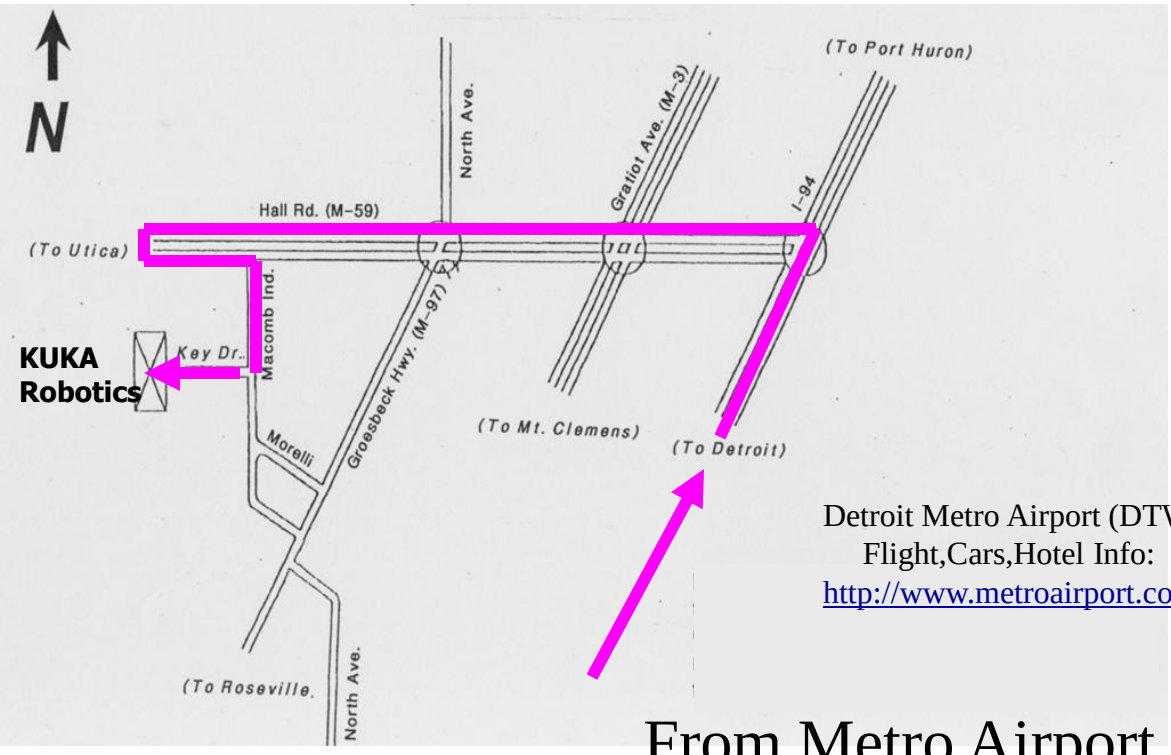
# How to get to KUKA Robotics USA

**Detroit Metro Airport to KUKA Clinton Township:**

Follow I-94 North/East to M-59/Hall Road, exit West on M-59/Hall Rd
Follow M-59/Hall Rd (West) past Groesbeck/M-97 to the second "U-turn"
Take U-turn and immediately get into the right hand lane and turn right (South) on Macomb Industrial Dr.
Follow Macomb Industrial Dr (South) to Key Dr. (KUKA Sign) and turn right.






Detroit Metro Airport (DTW)
Flight,Cars,Hotel Info:
http://www.metroairport.com

# From Metro Airport

**KUKA Robotics**
22500 Key Drive, Clinton Township, Michigan 48036
(586) 465-8800

# Hotel Information
# KUKA Robotics
# Clinton Township, MI USA

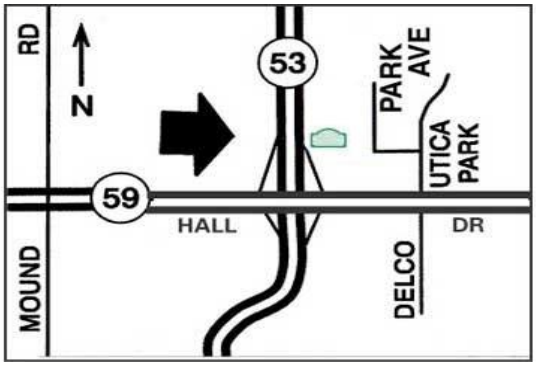
La Quinta Inn & Suites
45311 Park Avenue
Utica, MI 48315
586-731-4700

We are currently honoring the rate of $69 single/$62 double for KUKA/FVTC referrals. This rate **includes** the following:

Complimentary DELUXE Continental Breakfast.
The La Quinta Inn & Suites enjoyed a full-property renovation in 2006. All rooms include complimentary wireless high speed internet access, microwave, refrigerator, pillow-top mattress, iron/ironing board and coffee maker.
In addition, the hotel has a on-site indoor pool and whirlpool. As our guests, enjoy complementary fitness privileges to Powerhouse gym.
La Quinta Inn & Suites is adjacent to Dave & Buster's and in walking discount to Applebee's. Within walking distance to shopping and .5 mile from Lakeside Mall and Movies.
Join our ***Free Returns Program*** and earn 10 points for every dollar you spend at La Quinta Hotels. Redeem your points for valuable rewards including airlines miles, gift certificates and much more.
**Book On-line at:**

**http://www.lq.com/lq/properties/cobrand.jsp?cobrand=KUKA_1049**

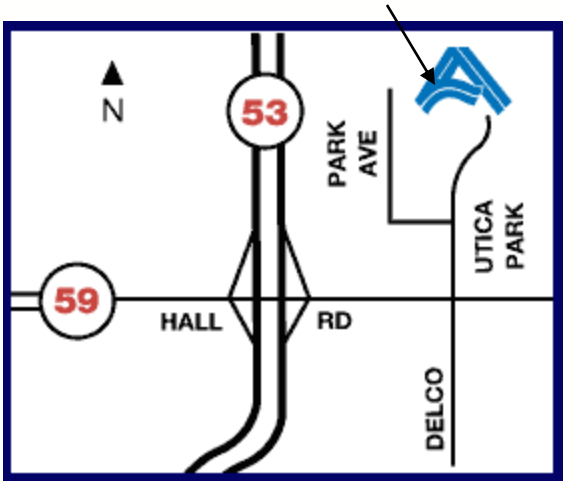
**use promotional code KUKA for your on-line discount**
**or call 1-800-535-5900 or the hotel directly and ask for the KUKA Robotics rate.**



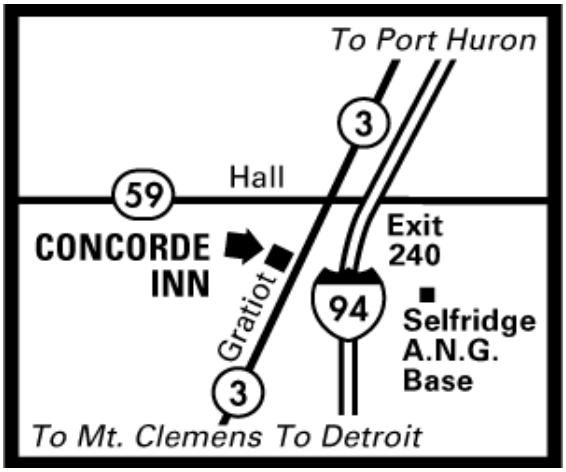

**Hotel Information KUKA Robotics Clinton Township, MI USA**

# Hotel Information
# KUKA Robotics Clinton Township, MI USA

**AMERISUITES**
45400 Park Avenue
Utica, MI  48315
Tel: (586) 803-0100
Fax: (586) 803-0102  - Reservations: (800) 833-1516
Web Site: www.amerisuites.com/hotels/ajut.shtml
We have a **DISCOUNT** at the AmeriSuites. Just ask for the KUKA Robotics Rate.
Make a right onto Utica Park Place Boulevard and then a left onto Park Avenue.
Right next to Dave & Busters.




**Best Western**
**Concorde Inn**
44315 Gratiot Avenue
Clinton Township, Michigan 48036
Tel: 586-493-7300  Fax: 586-493-7330



# Hotel Information
# KUKA Robotics Clinton Township, MI USA

Hyatt Place Detroit Utica
45400 Park Ave
Utica, Mi. 48315
586-803-0100

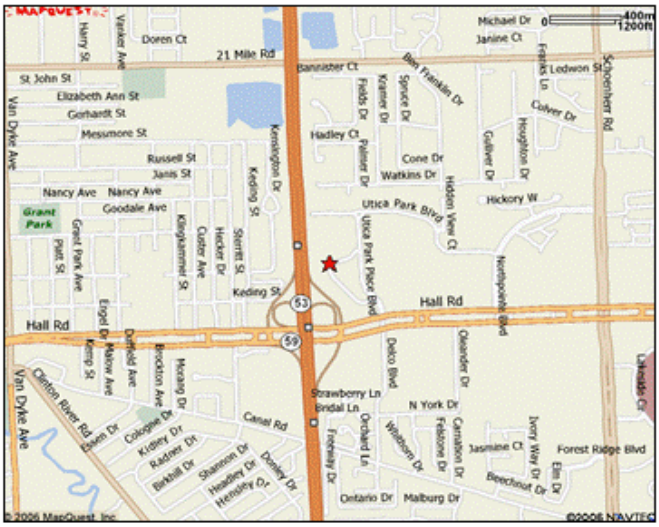
Renovations complete Second Quarter 2007

Kuka Training Rate with a 4 night Minimum stay-$79.00 per night plus Tax
Kuka Corporate Rate-$99.00 per night plus Tax

The time has come for a hotel that allows you to seamlessly stay the way you live. A warm, contemporary relaxing place. A place where you will immediately feel in your element, whether you've come for work, pleasure or a little bit of both. The time has come for Hyatt Place, a select service hotel where you will find the Hyatt Touch.

Arrive at a Hyatt Place and you'll be immediately greeted by a fresh, inviting and stylish spaces. The standard lobby has been replaced by a free flowing Gallery, featuring contemporary design and a comfortable coffeehouse vibe. Just like at home, you can choose from a variety of spaces where you can relax, watch a flat screen TV, work or socialize. You can pick a couch in an open area, an overstuffed chair in a nook or just grab a stool at the marble-topped specialty coffee and wine bar. And, of course, you can stay in touch via free Wi-Fi from anywhere in the hotel.

The spacious guestrooms feature our signature Hyatt Grand Bed, a plus Cozy Corner oversized sofa sleeper, complimentary Wi-Fi and all the technology you could need to finish a presentation, listen to your MP3 player or just kick back and watch the on-demand movie of your choice on a 42" flat panel high definition TV. In the morning there's a complimentary continental breakfast in the Guest Kitchen. And Hyatt Place offers café quality made-to-order entrées and snacks. The time has come for Hyatt Place



# Hotel Information
# KUKA Robotics Clinton Township, MI USA

Staybridge Suites
46155 Utica Park Blvd., Utica, Michigan 48315
Tel: 586.323.0101 Fax: 586.323.0011
Toll Free: 800.238.8000
www.staybridge.com

- *Get comfortable with our:*
- $79.00 Studio Suite (Queen bed with pull out sofa bed)
- $109.00 One Bedroom Suite (Queen bed with pull out sofa bed in living room)
- $129.00 Two Bedroom/Two Bathroom Suite (King bed, Queen bed, and pull out sofa bed in living room)
- **Food & Beverage**: Complimentary daily hot breakfast buffet, Wolfgang Puck coffee & tea station, Otis Spunkmeyer cookies, Tuesday – Thursday catered dinner.
- **Oversized Room**: All suites have a full size fridge, stove top, microwave, dishwasher, toaster, & coffee maker. Relax on the couch or get work done at your desk. High speed wireless internet access and complimentary local telephone calls.
- **24 Hour Access**: To the fitness center, business center, complimentary laundry facilities and convenience store.
- Priority Club Rewards program featuring points with no expiration or black out dates.
- We are a pet friendly facility.
- *Directions to Kuka Robotics Corp.: Proceed East on M-59, Turn right on Macomb Industrial Drive, Turn right on Key Drive. The office is located on the right at 22500 Key Drive, Clinton Township, MI 48036-1193.*

# Training Enrollment Form

KUKA

**KUKA College**
**KUKA Robotics Corporation**
22500 Key Drive
Clinton Township,
Michigan 48036
Phone (866) 406-1281 Fax: (586)465-8707

| | |
|---|---|
| Class Date: | |
| Times: | |
| Company Name: | |
| Address: | |
| City, State Zip Code: | |
| Phone/Fax: | |
| Number of Students: | |
| Course: | |

Names of Students:

| | |
|---|---|
| 1. | 5. |
| 2. | 6. |
| 3. | 7. |
| 4. | 8. |

| | |
|---|---|
| Authorized Signature: | |
| Print Name: | Date: |
| Title: | P.O.#: |

A Completed Enrollment Form, And A Copy Of The Purchase Order Are Required 14 Days Prior To Class For Confirmation. Fax Your Completed Enrollment Form To:

***Attn. KUKA College: Fax: (586) 465-8707***

**Cancellation/Rescheduling of Training Classes:**
Full payment ("Tuition") for a reservation in a KUKA robot training class is expected at the time of scheduling such reservation, unless otherwise agreed to by KUKA in writing. Tuition is non-refundable. Rescheduling a reservation with a minimum of two (2) weeks advance notice to KUKA is subject to a fee equal to ten percent (10%) of the Tuition. Rescheduling a reservation with less than two (2) weeks advance notice to KUKA is subject to a fee equal to thirty percent (30%) of the Tuition. Upon payment of the rescheduling fee, KUKA will issue a voucher to Buyer which may be used by Buyer to reschedule the reservation for a training class held within six (6) months from the voucher date. Unused vouchers are non-refundable. KUKA reserves the right to cancel or modify classes at any time.
.

# Training Checklist/Request

| | |
|---|---|
| **What KUKA Training will you require ?** | |
| **How many students will be attending and on which dates ?** | |
| **What KUKA robot models will you require training for:** | |
| **What KUKA Controller will you require training for:** | |
| **What KUKA Software version will you require training for:** | |
| **What is your Application?** | |

**Please Return Completed:**

**College@kukarobotics.com**

**Fax: (586) 465-8707**

KUKA

# KUKA Robotics Corporation
# Credit Card Payment Request

KUKA

Name: _____ Date: _____
*(As It Appears On The Credit Card)*

Street Address: _____ City: _____

State: _____ Zip: _____ Phone No.: _____
*(with area code)*

Company: _____

Payment For: _____

_____

**Payment Amount: $** _____

Card No.: _____ _____ _____ _____ Exp. Date: _____ _____
*Month* *Year*

☐ Personal Credit Card ☐ Corporate Credit Card

*Please Indicate The Card Company To Be Used By Placing An "X" In The Corresponding Box Below.*

☐ VISA ☐ MasterCard ☐ DISCOVER ☐ American Express

***KUKA Sales Order #*** _____

***Signature:*** _____

# Conditions of participation, general information

**Registration:**
The subject of the contract is the attached training program. Registration for a course, including specification of the participants‘ names, must be received in writing as early as possible, though no later than two weeks before start of the course. Anyone enrolling after this deadline will only be entitled to attend the Course if the registration is confirmed by KUKA College in writing.

**Cancellation/Rescheduling of Training Classes:**
Full payment (“Tuition”) for a reservation in a KUKA robot training class is expected at the time of scheduling such reservation, unless otherwise agreed to by KUKA in writing. Tuition is non-refundable. Rescheduling a reservation with a minimum of two (2) weeks advance notice to KUKA is subject to a fee equal to ten percent (10%) of the Tuition. Rescheduling a reservation with less than two (2) weeks advance notice to KUKA is subject to a fee equal to thirty percent (30%) of the Tuition. Upon payment of the rescheduling fee, KUKA will issue a voucher to Buyer which may be used by Buyer to reschedule the reservation for a training class held within six (6) months from the voucher date. Unused vouchers are non-refundable. KUKA reserves the right to cancel or modify classes at any time.

**Course times (valid for both internal and external courses):**
Course participants of KUKA College are requested to report to the front desk.

| | | | |
|---|---|---|---|
| Start of training | 8:00 a.m. | End of Training | 5:00 p.m. |
| Lunch: | 11:30 – 12:00 | Monday – Thursday | |

Mechanical classes are 3 X 8 hr days.

**Course content:**
The specified content of the courses represents the approximate training structure. KUKA College reserves the right to modify the course schedule for technical or other reasons so far as the core of the agreed training measure is not affected. The course content is always based on the current software version and the current state of technical development of the equipment.

**Training documentation:**
All documentation is issued only during the course. Any work material issued and used in courses may not be reproduced either in whole or in part. All software employed in courses is the property of KUKA Robotics and may not be copied or reproduced. If this stipulation is infringed, we reserve the right to exclude the person conceded from the course and to take further legal action. The documentation issued serves informative purposes; it is based on the current state of technical development and does not include documentation updates.

**Liability:**
KUKA Robotics Corporation is not liable for damage or injury resulting from

- accidents in the training rooms or on the works premises of KUKA Robotics Corporation or the customer‘s works premises,
- loss or theft of property brought into the training rooms, especially clothing and valuables,

Provided this damage or injury is not attributable to gross negligence or intentional breach of contract by legal representatives or vicarious agents of KUKA. Nor is KUKA Robotics Corporation liable for damage or injury suffered by the customer during application of the knowledge imparted in training, provided the training was not, with intent or gross negligence, conducted incorrectly. See Terms and Conditions.