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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Foreign Personnel | | | | | | | | | | | | | | | |
| I. General Information | | | | | |  | | | | | | | | | |
| **Academy** | | | | | | | | **Academic Department /Associated Direction** | | | | | | | |
| Ingeniería Mecatrónica/Mecánica | | | | | | | | Departamento de Ingeniería | | | | | | | |
| **Prepared By** | | | | | | | | **Type (Star/PEV/Post-doc/Admin/Professor)** | | | | | | | |
| Juan Manuel Campos Sandoval | | | | | | | | PEV | | | | | | | |
| **Institution** | | | | **Campus** | | | | | **Organizational Unit** | | | | **Elaboration date** | | |
| Tecnológico de Monterrey | | | | Aguascalientes | | | | | 104832 | | | | 13/01/2015 | | |
|  | | | |  | | | | |  | | | |  | | |
| II. Profile | | | | |  | | | | | | | | | | |
| **Strategic department area** | | | | | | | | | | Mecánica/Robótica/Manufactura | | | | | |
| **Justification** | | | | | | | | | | Fortalecer nuestro nivel académico en estas áreas vinculando sus contenidos con la industria regional (especialmente, la industria automotriz). | | | | | |
| **Complete Profile description (For International Publications)** | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
| **Degree** | | **Areas or fields of study** | | | | | | | | | | | | **Mandatory** | |
| Bachelor | | Ingeniería Mecánica/ Mecatrónica o relacionada | | | | | | | | | | | | X | |
| Specialty | | Manufactura/ Calidad | | | | | | | | | | | |  | |
| Masters | | Manufactura/ Calidad | | | | | | | | | | | |  | |
| PhD | | Ingeniería Mecánica/ Mecatrónica o relacionada | | | | | | | | | | | | X | |
|  | |  | | | | | | | | | | | |  | |
| **Universities / Countries were this profile is better valuated** | | | | | | | | | | | | | | | |
| USA, Canadá, Brasil, Holanda, Francia, Alemania | | | | | | | | | | | | | | | |
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| **Areas** | | | | | **Desirable experience** | | | | | | | | | | |
| Teaching experience | | | | | 5 | | | | | | | | | | |
| Publications | | | | | Yes | | | | | | | | | | |
| Investigation | | | | | Highly desirable | | | | | | | | | | |
| Industry experience | | | | | Important | | | | | | | | | | |
| Other | | | | |  | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
| **Language** | **Level** | | | | | | | | | | | | | | |
| English | High | | | | | | | | | | | | | | |
| Spanish | Desirable. | | | | | | | | | | | | | | |
| Other: |  | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | |
| **Abilities, attitudes and values expected** | | | | | | | | | | | | | | | |
| Talento reconocido, pasión y experiencia en la enseñanza; actitud colaborativa y respeto e interés por otras culturas. | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
| **Additional information** | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
| **III. Courses to teach** | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | |
| **Course** | | | **Units** | | | | **Average class size** | | | | **SACs Requirements** | | | | |
| M2023 Mecánica de materiales | | | 8 | | | | 20 | | | | Doctor en Mecatrónica/Mecánica  CIP: 141901, 140801, 143601, 141801 | | | | |
| M1005 Dinámica | | | 8 | | | | 20 | | | | Master en Mecatrónica/Mecánica  CIP: 141901, 143601, 141201 | | | | |
| MR3031 Robótica industrial | | | 8 | | | | 20 | | | | Doctor Mecatrónica/Mecánica  CIP: 141001, 143601, 141901, 110102 | | | | |
| M2007 Análisis y simulación de mecanismos | | | 8 | | | | 20 | | | | Master en Mecatrónica/Mecánica  CIP: 141901, 143601, 141201 | | | | |
| M1006 Dibujo computarizado | | | 8 | | | | 20 | | | | Master en Mecatrónica/Mecánica  CIP: 141901, 143601, 141001 | | | | |
| M2028 Tecnología de materiales | | | 8 | | | | 20 | | | | Master en Mecatrónica/Mecánica  CIP: 141901, 143601, 141801 | | | | |
| |  |  | | --- | --- | | M2031 | Tecnologías de manufactura | | | | 8 | | | | 20 | | | | Master en Mecatrónica/Mecánica  CIP: 141901, 143601, 141801, 142001 | | | | |
| Tópicos en ingeniería automotriz:  M3008 Administración de la industria automotriz   |  |  | | --- | --- | | M 95893 | Motores de combustión interna | | M3000 | Estructuras automotrices | | M3007 | Diseño de chasis y componentes | | M 95026 | Dinámica de vehículos | | | | 8 | | | | 20 | | | | Doctor Mecatrónica/Mecánica  CIP: 141901, 143601, 140701 | | | | |
|  | | |  | | | |  | | | |  | | | | |
| IV. Approval | | | | | | | | | | | | | | | |
| **Name and position of who elaborated this profile** | | | | | | | | | | | | **Sign** | | | |
| Juan Manuel Campos Sandoval/Director del Depto. de Ingeniería | | | | | | | | | | | |  | | | |
| **Lider Approval** | | | | | | | | | | | | **Sign** | | | |
| Jorge Alberto Pérez Ladrón de Guevara/Director de Profesional | | | | | | | | | | | |  | | | |