

# السيرة الذاتية

## أولاً: البيانات الشخصية:-



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## ثانياً: البيانات العلمية:

أستاذ دكتور	الدرجة العلمية
تكنولوجيا الإنتاج	القسم العلمي
علم المواد	التخصص العام
المواد النانومترية المتألفة	التخصص الدقيق

## ثالثاً: التدرج الوظيفي:

استاذ علوم المواد بقسم تكنولوجيا الانتاج		الوظيفة الحالية
خارج الكلية	داخل الكلية	المناصب التي تقلدها
رئيس قسم تكنولوجيا تصنيع مسابيق الفلزات بمركز بحوث وتطوير الفلزات بوزارة البحث العلمي	رئيس قسم تكنولوجيا الانتاج بكلية التعليم الصناعي بجامعة حلوان	

## رابعاً: الخبرات :

### الخبرات الأكاديمية والعملية

- spark plasma to produce different bulk nanomaterials have different applications as follows.
- Ultrafine and nano-metal particles and its alloys by physical, chemical, electrolytic and mechanical techniques.

● Metal and ceramic coated composite particles
● Implanted, decorated and coated types carbon nanotubes metal nanoparticles.
● Carbon Nanotubes metal matrix composites as heat sinks and electric contactors.
● Sintered metals, intermetallics and composites
● Cemented carbides, cermets and super hard materials composed of diamond and boron nitrides.
● Tungsten heavy alloys as electric contact materials, for spot welding electrodes as well as penetrators
● Ferroelectric materials.
● Metallic and polymeric Magnetic Materials
● Titanium Base bio materials.
● Fiber reinforced and laminated Electro-shielding materials.
● Electro-catalyst for Fuel cells applications
● Aluminum Silicon alloys.
● Porous and foamed metals and its alloys

خامساً: المواد القائم بتدريسها :

في مرحلة الدراسات العليا	في مرحلة البكالوريوس
<ul style="list-style-type: none"> <li>● Powder Technology and Solid state sintering (Training Engineering)</li> <li>● Work Study</li> <li>● Materials Technology</li> <li>● Metal Forming Processes</li> <li>● Welding Technology</li> </ul>	<ul style="list-style-type: none"> <li>● Metal Welding</li> <li>● Materials Joining</li> <li>● Metals Forming</li> <li>● Work Study</li> <li>● Safety in Industry</li> <li>● Tool and Die Design</li> <li>● Quality Control</li> <li>● Finishing and Non-Traditional Machining</li> <li>● Planning and Managements in the Industry</li> </ul>

❖ REFEREED JOURNAL PUBLICATIONS(*students names underlined*)

*Dr. Daoush's publications have been so far cited more than 368 times, with an h-index of 8 and i-10 index of 8. (According to Google scholar).*

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32. Walid M. Daoush, Omayma Elkady "Microstructure, Physical Properties and

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31. Walid M. Daoush, Hee S. Park, Soon H. Hong "Fabrication of TiN/cBN and TiC/Diamond coated particles by titanium deposition process", Trans. Nonferrous Met. Soc. China, Vol. 24, 3562–3570 (2014).
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