Cumbre de divulgación de Avalúo

Facultad de Administración de Empresas

Informes de CPCs

Jueves, 21 de febrero de 2019

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CPC, resultado de aprendizaje y competencia
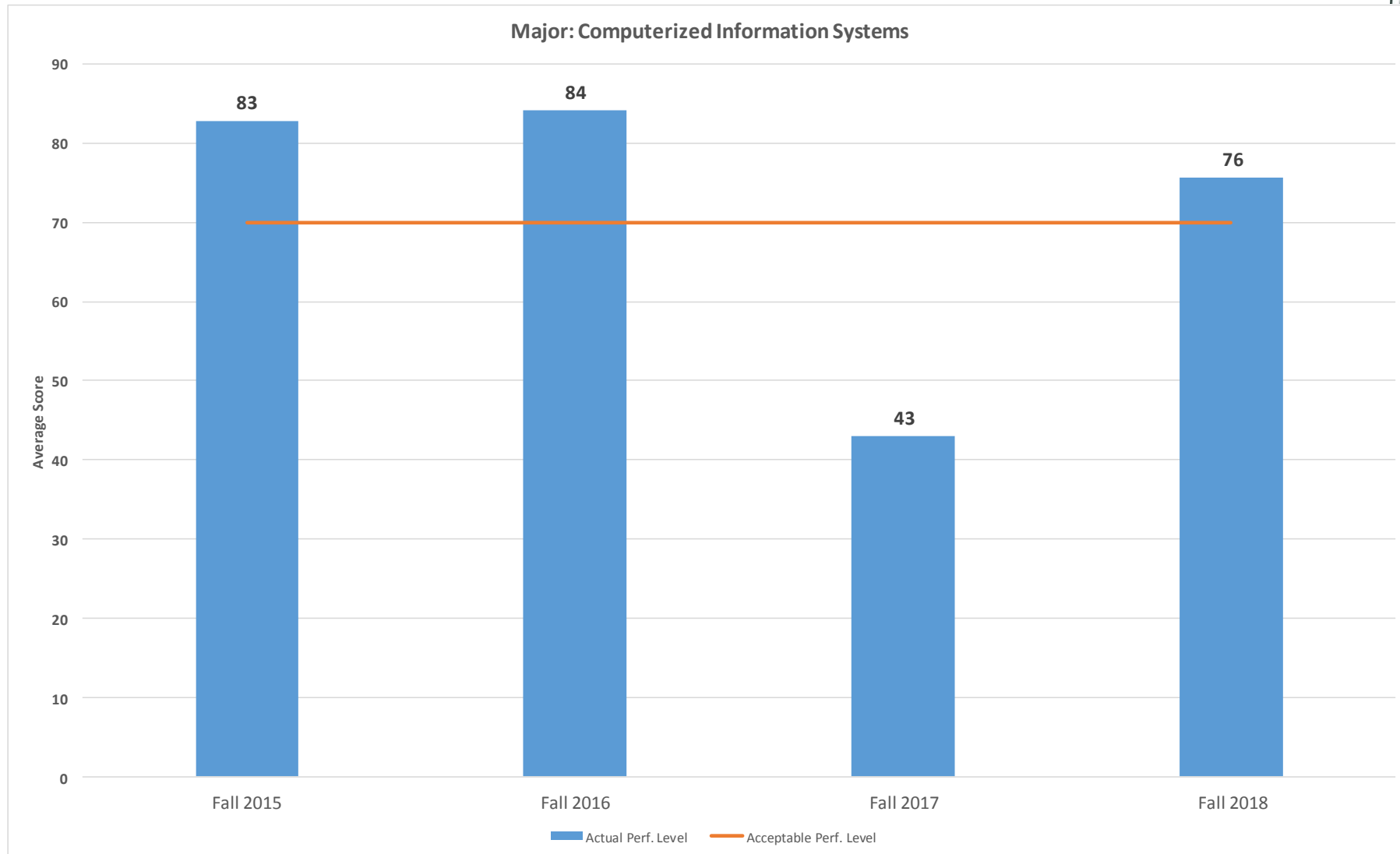## *(CPC, learning outcome and competency)*

- **CPC:** Information Systems

- **Resultado de aprendizaje:** Identify a problem and define the appropiate computing requirements

- **Competencia:** Design a solution to a business problem using a programming language

Instrumento y curso

- **Instrumento:** Course embedded, direct, formative, internal exercises & rubric
- **Curso:** SICI 3029: Programming Fundamentals for Business (Fundamentos de Programación para Negocios)

Resultados

Major: Computerized Information Systems

Average Score

	Fall 2015	Fall 2016	Fall 2017	Fall 2018
Actual Perf. Level	83	84	43	76

Legend: ■ Actual Perf. Level — Acceptable Perf. Level

Análisis comprensivo

- Students performed better than the targeted performance level every year except, Fall 2017. The academic schedule for Fall 2017 was seriously disrupted and many students were dealing with the aftermath of Hurricanes Irma & María.

Conclusiones

- Lower averages were related to:
  - Development of algorithm and structures (which in turn affect the general performance of a program), and
  - Input validation

- In Fall 2018 (sec. 080 & 100) students were weakest (70 – 75%) in the areas of:
  - "Input Validation", "Design" and "General Performance".

Sugerencias

- The exercise will be repeated after incorporating additional practices and allocating more time for classroom discussion on these subjects.

- Various students (8) did not complete the final project and were not included in the analysis. We could attempt the use of various (2 or 3, smaller & focused) assessment activities thought out the semester. This allows the instructors to evaluate all students even those that eventually withdraw, abandon the course or do not submit a complete final project.

Preguntas

(Añadir información de contacto)

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