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Graduate Programs

2a. Describe the quality of the program as assessed by the strengths, productivity, and qualifications of the faculty in terms of SCH, majors, graduates and scholarly productivity (refer to instructions in the WSU Program Review document for more information on completing this section). Complete a separate table for each program if appropriate.

Last 3 Years	Tenure/Tenure Track Faculty (Number)	Tenure/Tenure Track Faculty with Terminal Degree (Number)	Instructional FTE (#): TTF= Tenure/Tenure Track GTA=Grad teaching assist O=Other instructional FTE			Total SCH - Total SCH by FY from Su, Fl, Sp	Total Majors - From fall semester	Total Grads – by FY
			TTF	GTA	0			
Year 1 (2012)	11	11	10			4936	76	11
Year 2 (2013)	11	11	10			5485	90	14
Year 3 (2014)	12	12	11			6353		19
Total Number Instructional (FTE) – TTF+GTA+O					SCH/ FTE	Majors/ FTE	Grads/ FTE	

Year 1 (2012)

2b. Describe the quality of the program as assessed by the strengths, productivity, and qualifications of the faculty in terms of SCH, majors, graduates and scholarly productivity (refer to instructions in the WSU Program Review document for more information on completing this section). Complete a separate table for each program if appropriate.

Last 3 Years	Tenure/Tenure	Tenure/Tenure	Instructional FTE (#):	Total	Total
	Track Faculty	Track Faculty	TTF= Tenure/Tenure Track	SCH -	Majors -
	(Number)	with Terminal	GTA=Grad teaching assist	Total	From fall
		Degree	O=Other instructional FTE	SCH by	
		(Number)		FY from	
		(number)		Su, Fl, Sp	

2c. Describe the quality of the program as assessed by the strengths, productivity, and qualifications of the faculty in terms of SCH, majors, graduates and scholarly productivity (refer to instructions in the WSU Program Review document for more information on completing this section). Complete a separate table for each program if appropriate.

2d. Describe the quality of the program as assessed by the strengths, productivity, and qualifications of the faculty in terms of SCH, majors, graduates and scholarly productivity (refer to instructions in the WSU Program Review document for more information on completing this section). Complete a separate table for each program if appropriate.

Last 3 Years	Tenure/Tenure	Tenure/Tenure	Instruction	nal FTE (#)):	Total	Total	Total
	Track Faculty	Track Faculty	TTF= Tenure/Tenure Track			SCH -	Majors -	Grads -
	(Number)	with Terminal	GTA=Grad teaching assist O=Other instructional FTE			Total	From fall	by FY
		Degree				SCH by FY from	semester	
		(Number)				Su, Fl, Sp		
	•	•	TTF	GTA	0			
Year 1	*	*	*	*	*	N/A	20	3
Year 2	*	*	*	*	*	N/A	19	4

2e. Describe the quality of the program as assessed by the strengths, productivity, and qualifications of the faculty in terms of SCH, majors, graduates and scholarly productivity (refer to instructions in the WSU Program Review document for more information on completing this section). Complete a separate table for each program if appropriate.

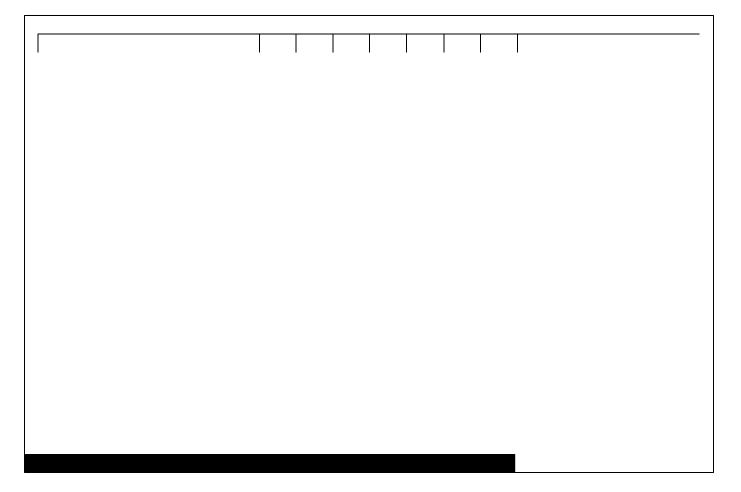
Last 3 Years	Tenure/Tenure	Tenure/Tenure	Instructional FTE (#):	Total	Total	Total
	Track Faculty	Track Faculty	TTF= Tenure/Tenure Track	SCH -	Majors -	Grads –
	(Number)	with Terminal	GTA=Grad teaching assist	Total	From fall	by FY
		Degree	O=Other instructional FTE	SCH by	semester	
		(Number)		FY from		
		(Number)		Su, Fl, Sp		

3. Academic Program: Analyze the quality of the program as assessed by its curriculum and impact on students. Complete this section for each program (if more than one). Attach updated program assessment plan (s) as an appendix (refer to instructions in the WSU Program Review document for more information).

Last 3 Years	Total Majors -	ACT – Fall Semester
	From fall semester	

Accomplish the integration of systems using appropriate analytical, computational, and experimental practices

Table 1 Allocation of ABET a-k student outcomes to specific required courses for the Industrial Engineering program.



IE1. Design/develop/ implement/improv e integrated systems Figure 1 Assessment of integrated student learning outcomes, objective of 70.

Table 3. Data Collected for the BS in Industrial Engineering and Manufacturing Engineering Program (2013 Spring)

Graduate Programs

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Student Satisfaction (e.g., exit survey data on overall program satisfaction).* If available, report by year, for the last 3 years			Learner Outcomes (e.g., capstone, licensing/certification exam pass-rates) by year, for the last three years				
Year	N	Result (e.g., 4.5 on scale of 1-5, where 5 highest)	Year	N	Name of Exam	Program Result	National Comparison
1			1				
2			2				
3			3				

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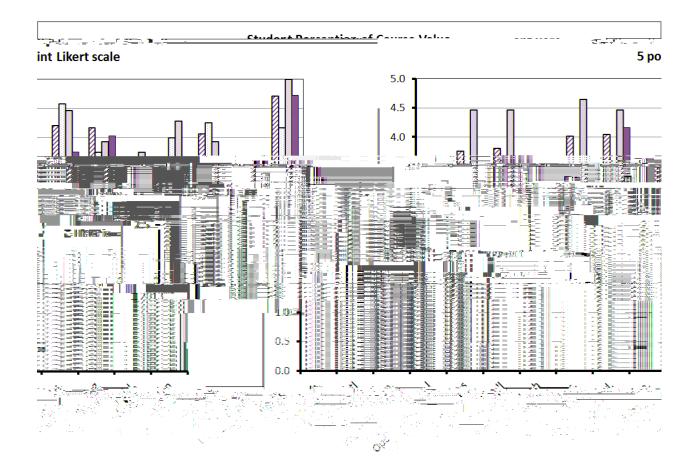
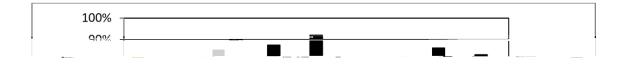
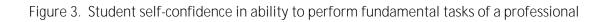


Figure 2. Student perception of course value







h Assessment of Senior Design Presentation

-Oral and written communication	Majors	Non-Majors
-Numerical literacy		
-Critical thinking and problem solving		
-Collaboration and teamwork		
-Library research skills		
-Diversity and globalization		

Program Weakness

WSU Response

Manufacturing Engineering

Analyze the student need and employer demand for the program. Complete for each program if appropriate

Analyze the student need and employer demand for the program. Complete for each program if appropriate (refer to instructions in the WSU Program Review document for more information on completing this section).

		Ma	jors			Employment of Majors*
Last 3	No. new	No.	No.	1 Year	Total	
FYs -	appli-	who	enroll-	Attri-	no. of	
Su, Fl,	cants or	enter or	ed one	tion %	grads	
and	declared	are	year			
Sp	majors	admit-	later			
		ted in				
		the				
		major				

Analyze the student need and employer demand for the program. Complete for each program if appropriate (refer to instructions in the WSU Program Review document for more information on completing this section).

	Majors						Employment of Majors*					
Last 3	No. new	No.	No.	1 Year	Total	Average	Employ-	Employment	Employment:			
FYs -	appli-	who	enroll-	Attri-	no. of	Salary	ment		% related to			
Su, Fl,	cants or	enter or	ed one	tion %	grads		% In state		the field			
and	declared	are	year									
Sp	majors	admit-	later									
		ted in										
		the										
		major										