



2021-2022 Completion Guide
Associate in Science, *Physics Transfer*, TR200
ICCB Approved Total Program Hours: 64 Semester Hours

Date: 5/11/21

*The following schedule is based on full-time enrollment. Students planning to transfer to a senior institution should check with that institution for specific transfer requirements.**

Program Prerequisites

T = Traditional H = Hybrid W = Web

First Semester						
Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes
Chem 101	General Chemistry I	5	T	Placement testing into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099; or the EAP course sequence ENG 079 and ENG 089; or ENG 096. Placement testing into MATH 138 or minimum grade of C in MATH 098. One year of HS Chemistry or Minimum grade C in CHEM 100.	FL/SP/SM	Counts as Physical Science Gen. Ed. Course.
Math 170	Calculus with Analytical Geometry	5	T,W	Appropriate placement score or minimum grade of C in MATH 139 or MATH 142.	FL/SP/SM	Counts as Math Gen. Ed. Course.
Eng 101	Rhetoric	3	T,W,H	Appropriate placement score or minimum grade "C" in one of the following: ENG 021 and ENG 099 ; or the EAP course sequence ENG 079 and ENG 089 ; or ENG 096	FL/SP/SM	Must earn a "C" or better to meet degree requirements.
Social Science Gen. Ed. Course	Refer to AS degree general education category for choices.	3	T,W,H	Varies by course	FL/SP/SM	2 Soc. Sci. courses required from 2 different areas for AS degree.
	Total Semester Hours	16				

Second Semester						
Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes
Phys 201	Engineering Physics I	5	T	Placement testing into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099; or the EAP course sequence ENG 079 and ENG 089; or	FL	

				ENG 096. MATH 170 or higher level Math course with minimum grade of C.		
Math 171	Calculus with Analytical Geometry II	4	T	MATH 170 or equivalent. Minimum grade of C.	FL/SP/SM	
Eng 102	Rhetoric	3	T,W,H	Minimum grade "C" in ENG 101	FL/SP/SM	Must earn a "C" or better to meet degree requirements.
Chem 102	General Chemistry II	5	T	CHEM 101 with a minimum grade of C. Placement testing into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099; or the EAP course sequence ENG 079 and ENG 089; or ENG 096. Placement testing into MATH 139 or higher, or minimum grade of C in MATH 138.	FL/SP/SM	
	Total Semester Hours	17				

Third Semester						
Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes
Phys 202	Engineering Physics II	5	T	PHYS 201, minimum grade C.	FL/SP	
Math 172	Calculus/Analytical Geometry III	4	T	MATH 171, minimum grade of C.	FL/SP/SM	
Comm 101	Principals of Communication	3	T,W,H	Placement testing into ENG 101 or minimum grade "C" in one of the following: ENG 021 and ENG 099; or the EAP course sequence ENG 079 and ENG 089; or ENG 096.	FL/SP/SM	
Social Science Gen. Ed. Course	Refer to AS degree general education category for choices.	3	T,W,H	Varies by course	FL/SP/SM	2 Soc. Sci. courses required from 2 different areas for AS degree.
	Total Semester Hours	15				

Fourth Semester						
Course	Title	Credit Hours	Mode of Delivery	Prerequisites	Terms offered	Notes

Phys 203	Engineering Physics III	3	T	PHYS 202, minimum grade C.	SP/SM	
Math 220	Differential Equations / Orthogonal Functions	3	T	MATH 172 or equivalent. Minimum grade of C.	FL/SP/SM	
Math 210	Linear Algebra	3	T	MATH 172 or equivalent. Minimum grade of C. Must be taken prior to or concurrently.	FL/SP/SM	
Fine Arts Gen. Ed. Course	Refer to AS degree general education category for choices.	3	T,W		FL/SP/SM	
Life Science	Refer to AS degree general education category for choices.	3	T	Varies by course	FL/SP/SM	
	Total Semester Hours	15				

* Students who complete the Associate in Science may be required to take an additional Social Science and Humanities/Fine Arts course at the transfer institution since they will not be completing the entire General Education Core Curriculum (GECC) prior to transfer. Students could choose to complete an Associate in Arts to transfer and then will have completed the GECC.

Graduation Requirements

To be awarded an Associate degree at Joliet Junior College, each student must meet the following requirements:

1. Satisfy all admissions requirements.
2. Complete the courses required to earn the given degree. If the student is a transfer student with coursework taken elsewhere, he/she must complete a minimum of 60 credit hours of which 15 credit hours applicable to the degree are earned at JJC. Proficiency test, CLEP, and Advanced Placement does not meet this requirement.
3. Earn a cumulative grade point average of at least 2.0.
4. Discharge all financial obligations to the College and have no restrictions.
5. File an application for graduation. An application should be filed at the time of registration for the student's anticipated last semester.
6. Have all official transcripts from other college/universities on file in the Graduation Office by the graduation filing date for evaluation of credit. A delay in the process may result in a later graduation date.

For more information:	Department Chairperson	Program Advisor
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