CIS 171: Java

Course Syllabus – Winter 2019

Indian Hills Community College  
Advanced Technology

# Instructor Contact Information

Susan Wilson

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**Office:** **ATC (Ottumwa), Advanced Technology Center, Room 100**

**Course Meeting Dates: November 18, 2019 – February 18, 2020**

**Course Meeting Days/Times: MTWTH, 1:00 PM-2:50 PM**

**Course Meeting Room Number: Room 219B**

# Course Description

(Credits: 3) This course will discuss the concepts of object-oriented programming. These concepts will then be applied in a variety of programming exercises.

# Prerequisites

Required: CIS121 – Introduction to Programming Logic

# Required Materials

Students are expected to have all required materials by the first day of the term. Required texts are available for purchase online through the Indian Hills Bookstore: [www.indianhills.edu/bookstore](http://www.indianhills.edu/bookstore).

## Required Textbook

## Farrell, Joyce *Java Programming 9th Edition, -* United States: Cengage Learning,2019,

ISBN: 9781337397070

## Required Hardware

Laptop computer with minimum requirements

# Student Learning Outcomes

1. apply inheritance
2. apply object-oriented concept
3. create class model
4. create working object
5. demonstrate object-oriented concept
6. design class model
7. explain object-oriented terminology
8. use class model
9. use working object
10. utilize Graphical User Interface objects
11. utilize object-oriented programming language

# Computer Standards

Because Indian Hills Community College makes use of computer software and the Internet to communicate with students and conduct its courses, all students are required to be computer literate (proficient in the use of required computer hardware and software) and to have reliable access to a computer with an Internet connection. For specific requirements and expectations, please follow the **Online Computer Standards**: [www.indianhills.edu/onlinecomputerstandards](http://www.indianhills.edu/onlinecomputerstandards).

# Need Help?

* For questions related to the **content of this course**, please contact your instructor.
* For **technical assistance**, contact the IT Help Desk: [www.indianhills.edu/helpdesk](http://www.indianhills.edu/helpdesk).
* For **tutoring or writing assistance**, contact the SUCCESS Center: [www.indianhills.edu/success](http://www.indianhills.edu/success).
* For help with **library resources**, contact the Indian Hills Library: [www.indianhills.edu/library](http://www.indianhills.edu/library).
* To **drop or withdraw** from a course, contact one of the following:  
  Academic Advising: [www.indianhills.edu/advising](http://www.indianhills.edu/advising) | Registrar: [www.indianhills.edu/registrar](http://www.indianhills.edu/registrar)

# Library Services

Students are expected to make use of the wide variety of services and resources provided by the Indian Hills Community College Library as needed to complete projects assigned in their courses. Our librarians are glad to assist you in finding and accessing the resources you need. We encourage you to plan ahead to ensure you have sufficient time to access materials, conduct your research, and get help, if needed. See a list of services and contact information on the **Indian Hills Library** web page: [www.indianhills.edu/library](http://www.indianhills.edu/library).

# SUCCESS Center

The Indian Hills SUCCESS Center offers an extensive range of services to students, including writing assistance and tutoring in a variety of subjects. As a student, please make use of these services to get the help you need and to ensure your assignments are well-written and free of grammatical, spelling, and formatting errors. Contact the SUCCESS Center early to ensure you are able to receive assistance and feedback before your assignment is due. See a list of services and contact information on the **SUCCESS Center** web page: [www.indianhills.edu/success](http://www.indianhills.edu/success).

# English Language Learning Center

The Indian Hills English Language Learning Center offers a variety of services for all students for whom English is a second language. If you need assistance with English language acquisition, please contact the English Language Learning Center, located above the Library on the Ottumwa campus. See a list of services and contact information on the web page: [www.indianhills.edu/ell](http://www.indianhills.edu/ell).

# Course Policies and Procedures

1. Course Schedule: This course requires work according to a weekly schedule. It is not self-paced. Keeping up with the schedule is essential to your success. Your personal schedule must allow you to keep up with due dates for readings, online discussions, and any other assignments, as found in the Course Schedule in MyHills.
2. Late Assignments: Assignments that are submitted late without prior approval from the instructor will **not** be accepted. Plan ahead and avoid procrastination to ensure your assignments are submitted on time. Avoid waiting until the last day to do assignments.
3. Exams: Any missed exams will be rescheduled at the instructor’s convenience, and should be made up as soon as possible.
4. MyHills: Each week, be sure to work through all of the content in your course area in MyHills for that Learning Unit. You are responsible for all content (in-class or online), which may include lectures, readings, labs, discussions, quizzes, worksheets and exams.

**It is the student’s responsibility to contact the instructor for missed assignments.**

1. Read Instructions First: Instructors expect you to have read and worked through all assignment instructions before asking for help. Take ownership of your learning. If, after carefully reading all of the instructions and materials, you still have questions, feel free to contact us. We are glad to help.
2. Internet and Computer Access: This is a face-to-face course that requires a computer to complete lab assignments. Lab computers will be provided, but you will need your own flash drive to save your work. You may also use your own computer, but to do so requires special software, which will be provided to you at no cost. Be sure to back up your files and have a backup plan so you don’t miss assignment due dates.
3. Check Your Student Email Daily: You are expected to check your IHCC Student WebMail account **daily** to ensure you receive messages from your instructor, and respond in a timely manner. If the instructor will miss class for any reason, a class announcement will be posted on MyHills, along with an email to the student, detailing what the student needs to do for class that day.
4. Keep WebAdvisor Contact Information Current: If the instructor is unable to contact you due to problems with your email or out-of-date telephone information, you will still be responsible for the information. Keep your phone numbers current in WebAdvisor: [www.indianhills.edu/webadvisor](http://www.indianhills.edu/webadvisor).
5. Plagiarism: “the practice of taking someone else's work or ideas and passing them off as one's own”. Students are required to do their own work, which includes lab assignments, quizzes, worksheets and exams. Plagiarism will not be tolerated, and will result in the student(s) earning a zero for the assignment and possibly failing the course.
6. Incompletes: Be sure you can complete the course in the scheduled term. Incompletes will only be granted for true emergency situations – not for poor planning.
7. Technical Problems: It is each student’s responsibility to be proactive in resolving any technical problems he or she may encounter. The **IT Help Desk** ([www.indianhills.edu/helpdesk](http://www.indianhills.edu/helpdesk)) is ready to assist you. However, you must contact them right away when you encounter a problem, provide them with the information they need to assist you, and respond in a timely manner to any follow-up questions they may have for you. You should also be sure to let your instructor know when you are having a problem, as well as how and when it is resolved.
8. Mandatory Attendance: Regular and punctual attendance **is mandatory** in all Advanced Technologies Division courses. Student attendance will be recorded each day this class meets. A student missing class should immediately contact the instructor or a fellow student to find out what material was covered in class and if any assignments have been missed. The instructor will decide to accept late work or not. Communication between the student and instructor is most important, but it is the student’s responsibility to initiate such communication. Contacting the instructor before the missed class session is preferable whenever possible. Depending on the number of days a class meets dictates the number of unexcused absences that are allowed before procedures begin to administratively withdraw a student from the class or classes. Being withdrawn from class(es) may affect your academic and financial aid standing.

# Disability Policy

If you have a disability and have a request for academic accommodations (e.g., test readers, extended test times, etc.), please contact Disability Services. Disability Services are available to students at all Indian Hills Community College locations and online. Contact Disability Services at:

### Email

[disabilityservices@indianhills.edu](mailto:disabilityservices@indianhills.edu) (for any campus, service center, or online)

### Ottumwa

**Address:** Testing Center, Attn. Disability Services, 603 Indian Hills Drive, Ottumwa, IA 52501  
**Phone:** (800) 726-2585, ext. 5749

### Centerville

**Address:** SUCCESS Center, Attn. Disability Services, 721 North 1st Street, Centerville, IA 52544  
**Phone:** (800) 670-3641, ext. 2214

### On the Web

For more information, visit the Disability Services web page: [www.indianhills.edu/disabilityservices](http://www.indianhills.edu/disabilityservices).

### Emergency Medical Information

If you have emergency medical information that you need to share, please inform your instructor or Disability Services immediately. You may contact your instructor by phone or email. See contact information at the top of this Course Syllabus.

# Non-Discrimination Policy

**Non-Discrimination Policy:** It is the policy of Indian Hills Community College not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family, or marital status in its programs, activities, or employment practices as required by the Iowa Code §§216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C §§ 1681 – 1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with this policy, please contact Kristen Parks, Director of Human Resources/Equity Coordinator, 525 Grandview Ave, Ottumwa, IA 52501, (641) 683-5108; Brett Monaghan, Director - Athletics, Student Services (students), (641) 683-5207; Darlas Shockley, Executive Dean, Arts & Sciences (students with disabilities), (641) 683-5174; or the U.S. Department of Education, Citigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661, phone number (312) 730-1560, fax (312) 730-1576.

# Course Schedule

Follow the **Course Schedule**, located in the Syllabus and Schedule area of this course in MyHills. **The Course Schedule contains the learning units and what order they will be presented (may be subject to change).** Be sure to follow it closely, as late assignments will **not** be accepted.

# Method of Evaluation

## Exams and Assignments

The student will be evaluated according to the criterion established in the instructional objectives.

Labs, worksheets, quizzes, and tests will collectively account for 100% of the final grade.

# College Assessment

Indian Hills Community College conducts assessment of student learning in order to determine whether students are meeting course, divisional, and institutional goals. From time to time, some of the activities and assignments that we do in the course may be used to assess these goals. While assessment results may be shared with others at the college, your personal results will remain confidential.

# Continuous Non-Discrimination Statement

It is the policy of Indian Hills Community College not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family, or marital status in its programs, activities, or employment practices as required by the Iowa Code §§216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C §§ 1681 – 1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with this policy, please contact Director, Human Resources/Equity Coordinator (staff), 525 Grandview Ave, Ottumwa, IA 52501, 683-5108, hrequity@indianhills.edu; Dean, Student Affairs (students), 683-5159, studentsequity@indianhills.edu; Dean, Learning Services (students with disabilities), 683-5174, learningservicesequity@indianhills.edu; U.S. Department of Education, Citigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661, phone number 312/730-1560, fax 312/730- 1576.

# Grading Scale

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| Letter | % Range | Meaning |
| A | 90-100 | Excellent |
| B | 80-89 | Above Average |
| C | 70-79 | Average |
| D | 60-69 | Below Average |
| F | 0-59 | Failure |

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