COURSE SYLLABUS

COURSE:	**CIS 293 – Advanced Technologies**
CREDIT:	2 semester hours (4 Lab hours)
INSTRUCTOR:	Roger Morris
OFFICE:	TC202, Technology Center
PHONE:	605-367-5858
E-mail:	roger.morris@southeasttech.edu
SCHOOL:	Southeast Technical Institute
ADDRESS:	2205 N. Career Avenue, Sioux Falls, SD 57107

Textbook: None

DESCRIPTION:
This course will allow to students to explore/research new technologies in the IT world, make use of the technologies, and present/demonstrate the technology to their classmates in a classroom setting.

The schedule for the class will be as follows:

Week 1: Turn in topic and plan – Start research
Week 2: Research
Week 3: Research
Week 4: Presentations
Week 5: Turn in topic and plan – Start research
Week 6: Research
Week 7: Research
Week 8: Presentations
Week 9: Turn in topic and plan – Start research
Week 10: Research
Week 11: Research
Week 12: Presentations
Week 13: Turn in topic and plan – Start research
Week 14 (1 class): Research
Week 15: Research
Week 16: Presentations

New technologies is defined, for this class, as either a topic such as "cloud computing" or a computer language such as "JavaScript". This can be new to you or expanding on something you already know.

Topic and plan is defined as listing the topic, a short description of what you expect to present and the members of your group if you have any.

Topics can be done in groups of no more than 3 or as individuals but at least 2 topics must be done in a group.

A List of possible topics includes:

JavaScript	Cloud computing	Android Programming
iTouch programming	Oracle	MySql
J++	RPG	…

PREREQUISITES: CIS 130, CIS 195

Textbook: None.

COURSE SKILLS: The student should have the following skills upon successful completion of this course:

- Learn about new to the student languages
- Research skills
- Working in small groups

BASIS FOR EVALUATION:

Topic research and presentation (100% of grade) – The grade will be based on the amount of research, work effort, and presentation made by each member of the group.

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COMPUTER INFORMATION PROCESSING
Grading and Attendance Policies

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GRADING
You must have a c- or 70% to receive STI credit towards an STI programming degree.
The grading scale is as follows:

| A = 90 - 100 | B = 80 - 89 | C = 70 – 79 | D = 60 - 69 | F = 59 and below |

ATTENDANCE POLICY: Punctuality and good attendance are important. Being tardy or absent has a negative effect on the learning environment and ultimately the employment environment. Some work will be done in groups, as such you also have a responsibility to you group. To better prepare you for employment, this course has expectations that emulate those of a normal job. Students are responsible for monitoring their attendance (posted on STINet).

Tardiness - Tardiness begins the minute class starts, so plan to be on time. We expect that students will have their work done before leaving a lab early.

Absences - All homework should still be turned in on time. It is the responsibility of the student to contact the instructor and make other arrangements if you cannot turn in your work on time.

Students are encouraged to meet with and email their instructors if they have extenuating circumstances that cause them to be absent for an extended period of time.

STUDENT RESPONSIBILITY

It is the student's responsibility to be an active participant in class. Integrity and professional work ethics will be demonstrated by the instructor and required from the students. Excessive misuse of the computer resource (excessive Internet surfing during classroom sessions, emailing, chat room use, inappropriate computer use and/or screen savers, etc.) will result in disciplinary action. Please refer to your Student Handbook for more details. Cheating and plagiarism will result in a zero for that work. Further unethical behavior will result in a failing grade for the course. [*]

STUDENT SUCCESS: Student success is important to Southeast Tech faculty, and all faculty are involved in assessing learning. Upon completion of a degree, Southeast graduates will have demonstrated competency in the following areas:
<u>*Technology*</u>*: Graduates will be able to understand industry-relevant technical concepts (knowledge) and demonstrate industry-relevant technical skills (performance).*

<u>*Communication*</u>*: Graduates will be able to define the purpose of the communication they are using, organize and structure the communication, and provide supporting materials for this communication. Graduates will demonstrate precision of language and will be able to professionally deliver and format the communication.*

<u>*Problem Solving & Critical Thinking*</u>*: Graduates will be able to define a problem as it relates to their field of study. They will demonstrate the ability to analyze the problem, generate solutions, evaluate solutions, and select the best solution.*

<u>*Professionalism*</u>*: Graduates will be able to demonstrate positive work ethic, collaborate as part of a team, adapt to change, adhere to professional standards, and model integrity and ethics.*

Violations of safety to self and others and/or violation of safe operating practices of equipment may result in: the reduction or loss of your daily grade; removal from class; and/or other disciplinary action.

The instructors and the faculty members in this course will act with integrity and strive to engage in equitable verbal and nonverbal behavior with respect to differences arising from age, gender, race, handicapping conditions and religion. If you have special needs as addressed by the American with Disabilities Act and need course materials in alternative formats, notify your instructor immediately. Reasonable efforts will be made to accommodate your special needs.

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[*]Refer to your STI Student Handbook for additional school policies.